cass allen

Architectural & Environmental Acousticians
Noise & Vibration Engineers

Holloway Park, London

Construction Monitoring Report

Client:	London Square
Ref:	CM104-22405-R0
Date:	9 May 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 24th March & Saturday 5th April 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

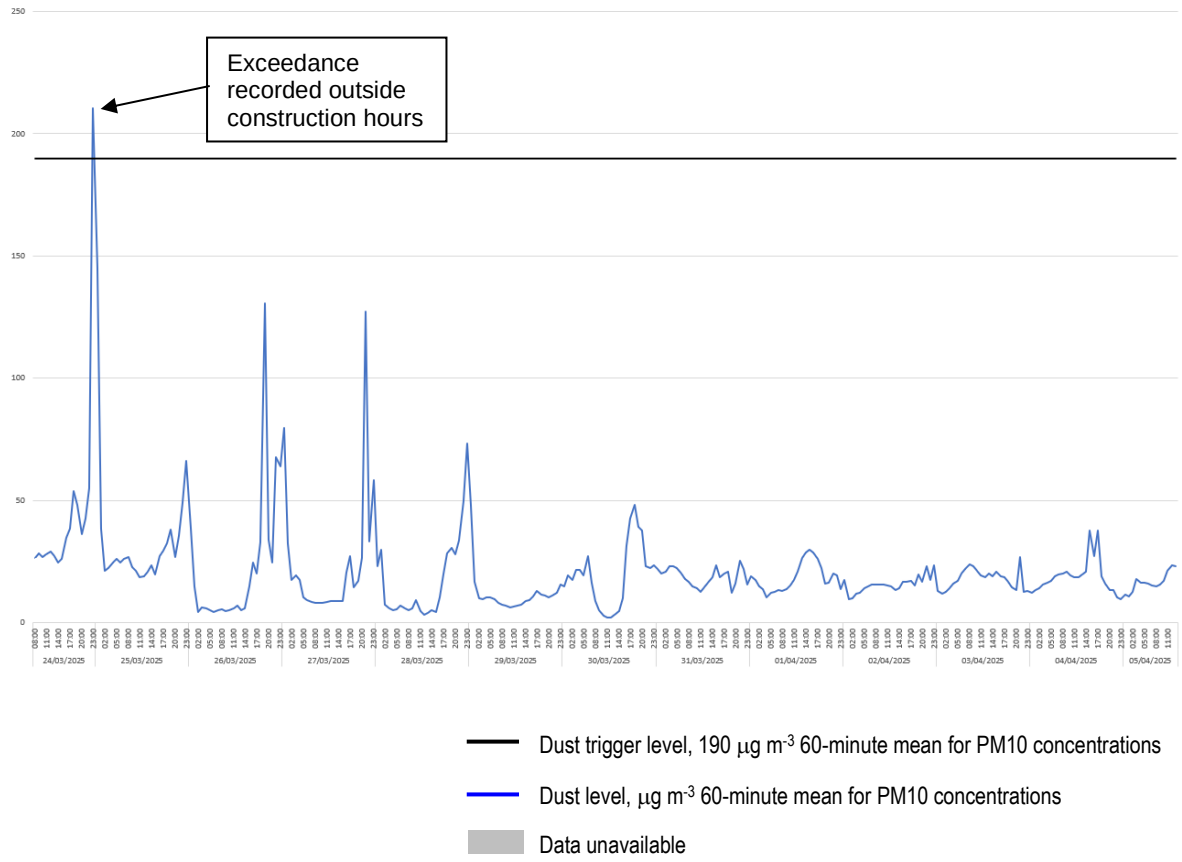
- Work continuing on the Block C & D decking.
- Installation of drainage between Blocks C & D, and Block E1, and at the road to the rear of Blocks C & D.
- Vertical elements being constructed (including the floor slabs) at Blocks C, D & E.
- Waterproofing work taking place at Blocks C & E.
- Drainage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

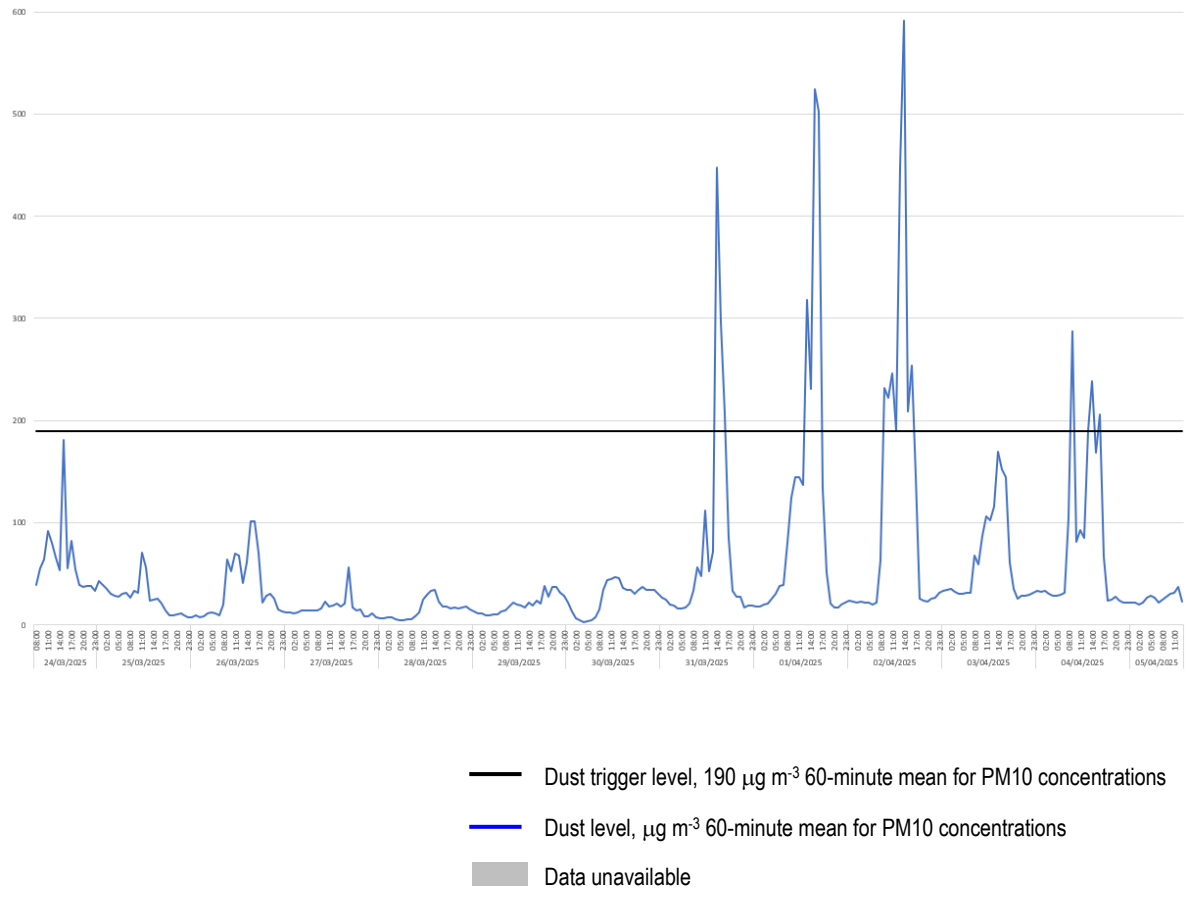
Dust Monitoring Results

Location 1 (meter ref. TNO4728)



3.2 There was 100% data coverage during the monitoring period. There were no exceedances of the dust trigger of 190 µg m^{-3} recorded at this location during construction hours. Although the graph above shows a single reading of 210 µg m^{-3}, this was recorded outside of construction hours (at 23:00 on Monday 24th March) and can, therefore, be excluded.

Location 2 (meter ref. TNO4778)



3.3 There was 100% data coverage during the monitoring period. There were 18 exceedances of the dust trigger level of 190 µg m^{-3} during the monitoring period. These occurred on:

- Monday 31st March 2025, between 3PM and 4PM with a recorded level of 448 µg m^{-3};
- Monday 31st March 2025, between 4PM and 5PM with a recorded level of 297 µg m^{-3};
- Monday 31st March 2025, between 5PM and 6PM with a recorded level of 207 µg m^{-3};
- Tuesday 1st April 2025, between 2PM and 3PM with a recorded level of 318 µg m^{-3};
- Tuesday 1st April 2025, between 3PM and 4PM with a recorded level of 231 µg m^{-3};
- Tuesday 1st April 2025, between 4PM and 5PM with a recorded level of 524 µg m^{-3};
- Tuesday 1st April 2025, between 5PM and 6PM with a recorded level of 502 µg m^{-3};
- Wednesday 2nd April 2025, between 10AM and 11AM with a recorded level of 231 µg m^{-3};
- Wednesday 2nd April 2025, between 11AM and 12PM with a recorded level of 222 µg m^{-3};

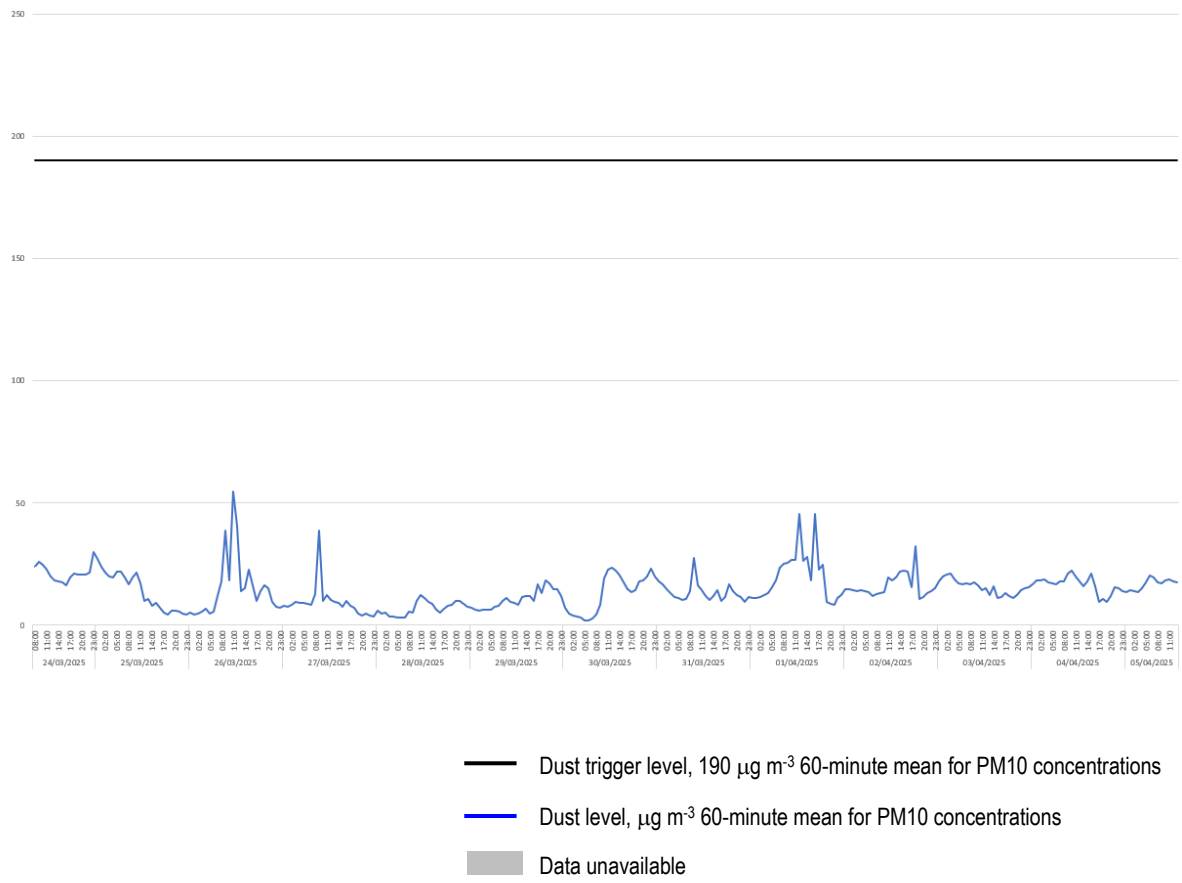
- Wednesday 2nd April 2025, between 12PM and 1PM with a recorded level of 246 µg m^{-3};
- Wednesday 2nd April 2025, between 1PM and 2PM with a recorded level of 190 µg m^{-3};
- Wednesday 2nd April 2025, between 2PM and 3PM with a recorded level of 447 µg m^{-3};
- Wednesday 2nd April 2025, between 3PM and 4PM with a recorded level of 592 µg m^{-3};
- Wednesday 2nd April 2025, between 4PM and 5PM with a recorded level of 208 µg m^{-3};
- Wednesday 2nd April 2025, between 5PM and 6PM with a recorded level of 254 µg m^{-3};
- Friday 4th April 2025, between 10AM and 11AM with a recorded level of 287 µg m^{-3};
- Friday 4th April 2025, between 3PM and 4PM with a recorded level of 238 µg m^{-3};
- Friday 4th April 2025, between 5PM and 6PM with a recorded level of 206 µg m^{-3};

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

- Dust emissions from the construction of the vertical elements of Block E;
- Steel fixers team working at the Level 3 slab of Block E1;
- Excavation of services and installation of scaffold mat at the rear of Blocks E1 & E2. This involves the use of heavy machinery operating within close proximity of the monitoring equipment at Location 2 – including the use of rollers, wacker plates, excavators and dumpers.
- The exceedances which were recorded on Tuesday 1st & Wednesday 2nd April were likely to have been caused by the dust suppression cannons located within close proximity of the monitor, due to the absence of construction activity taking place at the time. Site management have since relocated the dust suppression cannons slightly further away from the dust monitor at this location, so the monitor has a less direct line of sight, thus reducing the likelihood of further false exceedances.

3.5 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)



3.6 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 at this location during the monitoring period covered by this report.

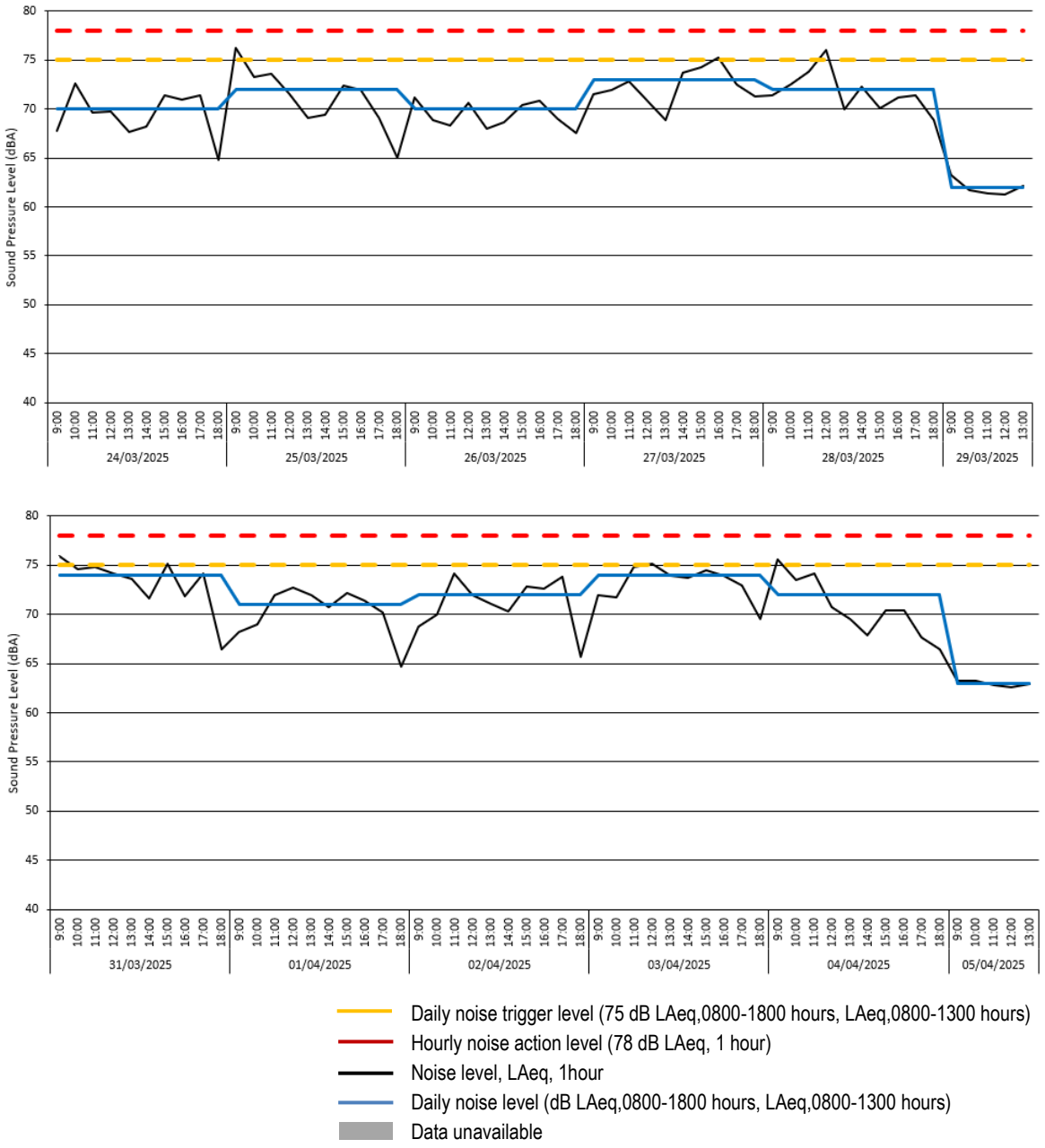
Noise Monitoring Results

Location 1 (meter ref. SMENK-9E5DF)

Broadband Results

Date	Time	LAeq(60min)	LAeq(7hr)	LAeq(10hr)	LAeq(5hr)
[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]	[dB]
2025-03-24	09:00:00	67.8	-.-	-.-	-.-
2025-03-24	10:00:00	72.6	-.-	-.-	-.-
2025-03-24	11:00:00	69.6	-.-	-.-	-.-
2025-03-24	12:00:00	69.8	-.-	-.-	-.-
2025-03-24	13:00:00	67.7	-.-	-.-	-.-
2025-03-24	14:00:00	68.2	-.-	-.-	-.-
2025-03-24	15:00:00	71.4	-.-	-.-	-.-
2025-03-24	16:00:00	71.0	-.-	-.-	-.-
2025-03-24	17:00:00	71.4	-.-	-.-	-.-
2025-03-24	18:00:00	64.8	-.-	69.9	-.-
2025-03-25	09:00:00	76.3	-.-	-.-	-.-
2025-03-25	10:00:00	73.3	-.-	-.-	-.-
2025-03-25	11:00:00	73.6	-.-	-.-	-.-
2025-03-25	12:00:00	71.5	-.-	-.-	-.-
2025-03-25	13:00:00	69.1	-.-	-.-	-.-
2025-03-25	14:00:00	69.4	-.-	-.-	-.-
2025-03-25	15:00:00	72.4	-.-	-.-	-.-
2025-03-25	16:00:00	71.9	-.-	-.-	-.-
2025-03-25	17:00:00	69.1	-.-	-.-	-.-
2025-03-25	18:00:00	65.0	-.-	72.1	-.-
2025-03-26	09:00:00	71.2	-.-	-.-	-.-
2025-03-26	10:00:00	68.9	-.-	-.-	-.-
2025-03-26	11:00:00	68.3	-.-	-.-	-.-
2025-03-26	12:00:00	70.6	-.-	-.-	-.-
2025-03-26	13:00:00	68.0	-.-	-.-	-.-
2025-03-26	14:00:00	68.6	-.-	-.-	-.-
2025-03-26	15:00:00	70.4	-.-	-.-	-.-
2025-03-26	16:00:00	70.9	-.-	-.-	-.-
2025-03-26	17:00:00	69.0	-.-	-.-	-.-
2025-03-26	18:00:00	67.6	-.-	69.5	-.-
2025-03-27	09:00:00	71.5	-.-	-.-	-.-
2025-03-27	10:00:00	72.0	-.-	-.-	-.-
2025-03-27	11:00:00	72.8	-.-	-.-	-.-
2025-03-27	12:00:00	70.9	-.-	-.-	-.-
2025-03-27	13:00:00	68.9	-.-	-.-	-.-
2025-03-27	14:00:00	73.7	-.-	-.-	-.-
2025-03-27	15:00:00	74.3	-.-	-.-	-.-
2025-03-27	16:00:00	75.3	-.-	-.-	-.-
2025-03-27	17:00:00	72.5	-.-	-.-	-.-
2025-03-27	18:00:00	71.3	-.-	72.7	-.-
2025-03-28	09:00:00	71.4	-.-	-.-	-.-
2025-03-28	10:00:00	72.5	-.-	-.-	-.-
2025-03-28	11:00:00	73.8	-.-	-.-	-.-
2025-03-28	12:00:00	76.0	-.-	-.-	-.-
2025-03-28	13:00:00	70.0	-.-	-.-	-.-
2025-03-28	14:00:00	72.3	-.-	-.-	-.-
2025-03-28	15:00:00	70.1	-.-	-.-	-.-
2025-03-28	16:00:00	71.2	-.-	-.-	-.-
2025-03-28	17:00:00	71.4	-.-	-.-	-.-
2025-03-28	18:00:00	68.9	-.-	72.3	-.-
2025-03-29	09:00:00	63.2	-.-	-.-	-.-
2025-03-29	10:00:00	61.7	-.-	-.-	-.-
2025-03-29	11:00:00	61.4	-.-	-.-	-.-
2025-03-29	12:00:00	61.3	-.-	-.-	-.-
2025-03-29	13:00:00	62.2	-.-	-.-	62.0
2025-03-30	18:00:00	-.-	-.-	62.9	-.-
2025-03-31	09:00:00	75.9	-.-	-.-	-.-
2025-03-31	10:00:00	74.6	-.-	-.-	-.-
2025-03-31	11:00:00	74.8	-.-	-.-	-.-
2025-03-31	12:00:00	74.2	-.-	-.-	-.-
2025-03-31	13:00:00	73.6	-.-	-.-	-.-
2025-03-31	14:00:00	71.6	-.-	-.-	-.-
2025-03-31	15:00:00	75.2	-.-	-.-	-.-
2025-03-31	16:00:00	71.8	-.-	-.-	-.-
2025-03-31	17:00:00	74.2	-.-	-.-	-.-
2025-03-31	18:00:00	66.4	-.-	73.8	-.-
2025-04-01	09:00:00	68.2	-.-	-.-	-.-
2025-04-01	10:00:00	69.0	-.-	-.-	-.-
2025-04-01	11:00:00	72.0	-.-	-.-	-.-
2025-04-01	12:00:00	72.7	-.-	-.-	-.-
2025-04-01	13:00:00	71.9	-.-	-.-	-.-
2025-04-01	14:00:00	70.7	-.-	-.-	-.-
2025-04-01	15:00:00	72.2	-.-	-.-	-.-
2025-04-01	16:00:00	71.4	-.-	-.-	-.-
2025-04-01	17:00:00	70.2	-.-	-.-	-.-
2025-04-01	18:00:00	64.7	-.-	70.8	-.-
2025-04-02	09:00:00	68.8	-.-	-.-	-.-
2025-04-02	10:00:00	70.0	-.-	-.-	-.-
2025-04-02	11:00:00	74.2	-.-	-.-	-.-
2025-04-02	12:00:00	72.0	-.-	-.-	-.-
2025-04-02	13:00:00	71.1	-.-	-.-	-.-
2025-04-02	14:00:00	70.3	-.-	-.-	-.-
2025-04-02	15:00:00	72.8	-.-	-.-	-.-
2025-04-02	16:00:00	72.6	-.-	-.-	-.-
2025-04-02	17:00:00	73.8	-.-	-.-	-.-
2025-04-02	18:00:00	65.7	-.-	71.7	-.-
2025-04-03	09:00:00	71.9	-.-	-.-	-.-
2025-04-03	10:00:00	71.7	-.-	-.-	-.-
2025-04-03	11:00:00	74.8	-.-	-.-	-.-
2025-04-03	12:00:00	75.2	-.-	-.-	-.-
2025-04-03	13:00:00	73.9	-.-	-.-	-.-
2025-04-03	14:00:00	73.7	-.-	-.-	-.-
2025-04-03	15:00:00	74.5	-.-	-.-	-.-
2025-04-03	16:00:00	73.9	-.-	-.-	-.-
2025-04-03	17:00:00	73.0	-.-	-.-	-.-
2025-04-03	18:00:00	69.5	-.-	73.5	-.-
2025-04-04	09:00:00	75.6	-.-	-.-	-.-
2025-04-04	10:00:00	73.5	-.-	-.-	-.-
2025-04-04	11:00:00	74.2	-.-	-.-	-.-
2025-04-04	12:00:00	70.7	-.-	-.-	-.-
2025-04-04	13:00:00	69.5	-.-	-.-	-.-
2025-04-04	14:00:00	67.9	-.-	-.-	-.-
2025-04-04	15:00:00	70.4	-.-	-.-	-.-
2025-04-04	16:00:00	70.4	-.-	-.-	-.-
2025-04-04	17:00:00	67.7	-.-	-.-	-.-
2025-04-04	18:00:00	66.4	-.-	71.6	-.-
2025-04-05	09:00:00	63.2	-.-	-.-	-.-
2025-04-05	10:00:00	63.2	-.-	-.-	-.-
2025-04-05	11:00:00	62.8	-.-	-.-	-.-
2025-04-05	12:00:00	62.6	-.-	-.-	-.-
2025-04-05	13:00:00	62.9	-.-	-.-	62.9

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



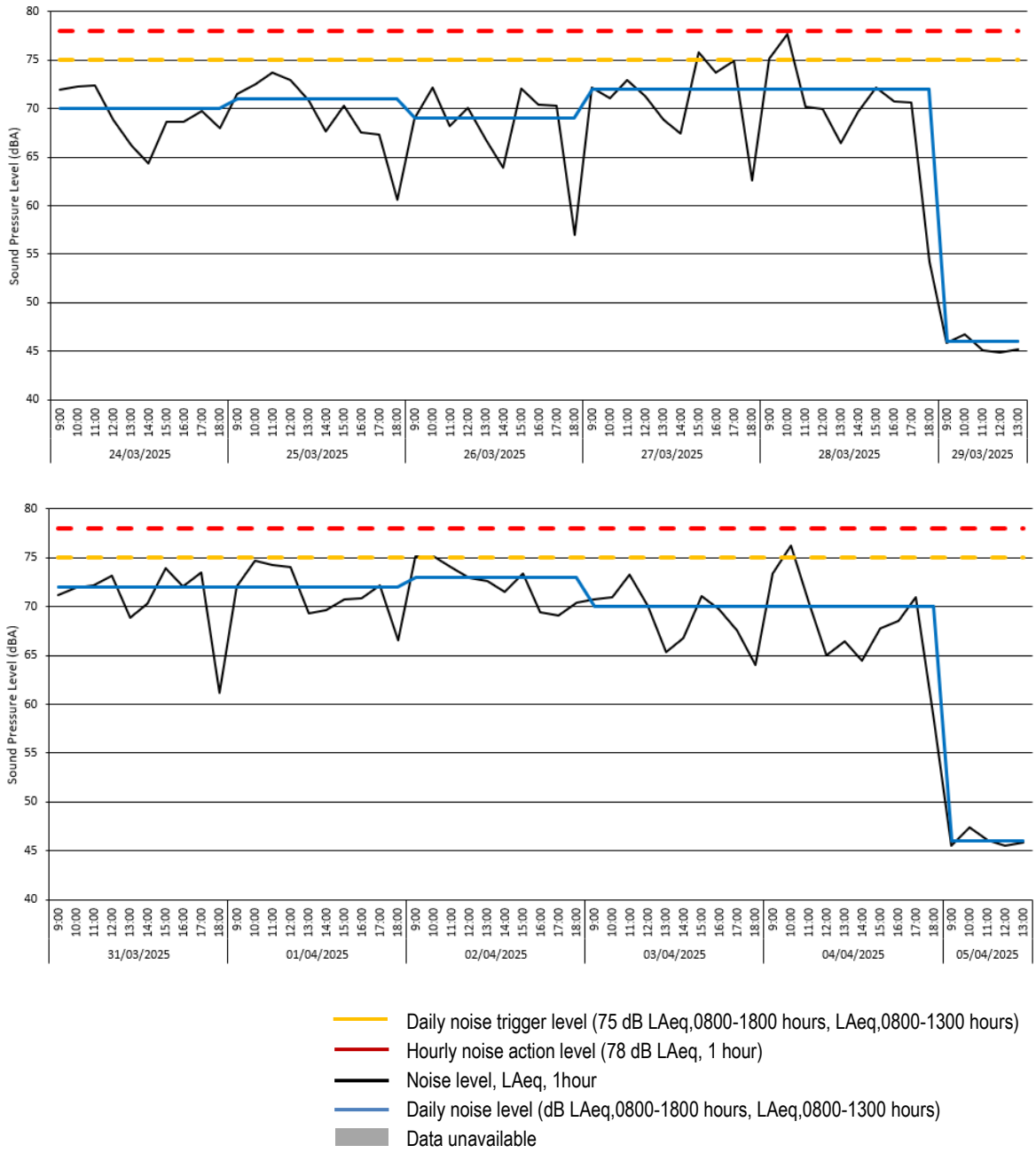
3.8 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or the hourly noise action level (78 dB LAeq,1hr) during this monitoring period.

Location 2 (meter ref. VFHMP-7XSY7)

Broadband Results

Date	Time	LAeq(60min)	LAeq(10hr)	LAeq(5hr)
[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]
2025-03-24	09:00:00	72.0	-.-	-.-
2025-03-24	10:00:00	72.3	-.-	-.-
2025-03-24	11:00:00	72.4	-.-	-.-
2025-03-24	12:00:00	68.9	-.-	-.-
2025-03-24	13:00:00	66.2	-.-	-.-
2025-03-24	14:00:00	64.3	-.-	-.-
2025-03-24	15:00:00	68.7	-.-	-.-
2025-03-24	16:00:00	68.6	-.-	-.-
2025-03-24	17:00:00	69.7	-.-	-.-
2025-03-24	18:00:00	68.0	69.8	-.-
2025-03-25	09:00:00	71.5	-.-	-.-
2025-03-25	10:00:00	72.5	-.-	-.-
2025-03-25	11:00:00	73.7	-.-	-.-
2025-03-25	12:00:00	73.0	-.-	-.-
2025-03-25	13:00:00	70.9	-.-	-.-
2025-03-25	14:00:00	67.7	-.-	-.-
2025-03-25	15:00:00	70.3	-.-	-.-
2025-03-25	16:00:00	67.6	-.-	-.-
2025-03-25	17:00:00	67.3	-.-	-.-
2025-03-25	18:00:00	60.6	70.7	-.-
2025-03-26	09:00:00	69.0	-.-	-.-
2025-03-26	10:00:00	72.2	-.-	-.-
2025-03-26	11:00:00	68.2	-.-	-.-
2025-03-26	12:00:00	70.1	-.-	-.-
2025-03-26	13:00:00	66.8	-.-	-.-
2025-03-26	14:00:00	63.9	-.-	-.-
2025-03-26	15:00:00	72.1	-.-	-.-
2025-03-26	16:00:00	70.4	-.-	-.-
2025-03-26	17:00:00	70.3	-.-	-.-
2025-03-26	18:00:00	57.0	69.4	-.-
2025-03-27	09:00:00	72.2	-.-	-.-
2025-03-27	10:00:00	71.1	-.-	-.-
2025-03-27	11:00:00	72.9	-.-	-.-
2025-03-27	12:00:00	71.3	-.-	-.-
2025-03-27	13:00:00	68.9	-.-	-.-
2025-03-27	14:00:00	67.4	-.-	-.-
2025-03-27	15:00:00	75.8	-.-	-.-
2025-03-27	16:00:00	73.7	-.-	-.-
2025-03-27	17:00:00	74.9	-.-	-.-
2025-03-27	18:00:00	62.6	72.3	-.-
2025-03-28	09:00:00	75.2	-.-	-.-
2025-03-28	10:00:00	77.7	-.-	-.-
2025-03-28	11:00:00	70.2	-.-	-.-
2025-03-28	12:00:00	70.0	-.-	-.-
2025-03-28	13:00:00	66.4	-.-	-.-
2025-03-28	14:00:00	69.6	-.-	-.-
2025-03-28	15:00:00	72.2	-.-	-.-
2025-03-28	16:00:00	70.7	-.-	-.-
2025-03-28	17:00:00	70.6	-.-	-.-
2025-03-28	18:00:00	54.2	72.2	-.-
2025-03-29	09:00:00	45.9	-.-	-.-
2025-03-29	10:00:00	46.7	-.-	-.-
2025-03-29	11:00:00	45.1	-.-	-.-
2025-03-29	12:00:00	44.9	-.-	-.-
2025-03-29	13:00:00	45.2	-.-	45.6
2025-03-30	18:00:00	-.-	47.4	-.-
2025-03-31	09:00:00	71.2	-.-	-.-
2025-03-31	10:00:00	71.9	-.-	-.-
2025-03-31	11:00:00	72.2	-.-	-.-
2025-03-31	12:00:00	73.2	-.-	-.-
2025-03-31	13:00:00	68.9	-.-	-.-
2025-03-31	14:00:00	70.3	-.-	-.-
2025-03-31	15:00:00	73.9	-.-	-.-
2025-03-31	16:00:00	72.1	-.-	-.-
2025-03-31	17:00:00	73.5	-.-	-.-
2025-03-31	18:00:00	61.2	71.7	-.-
2025-04-01	09:00:00	72.1	-.-	-.-
2025-04-01	10:00:00	74.7	-.-	-.-
2025-04-01	11:00:00	74.3	-.-	-.-
2025-04-01	12:00:00	74.0	-.-	-.-
2025-04-01	13:00:00	69.3	-.-	-.-
2025-04-01	14:00:00	69.6	-.-	-.-
2025-04-01	15:00:00	70.7	-.-	-.-
2025-04-01	16:00:00	70.8	-.-	-.-
2025-04-01	17:00:00	72.2	-.-	-.-
2025-04-01	18:00:00	66.6	72.0	-.-
2025-04-02	09:00:00	75.2	-.-	-.-
2025-04-02	10:00:00	75.1	-.-	-.-
2025-04-02	11:00:00	74.1	-.-	-.-
2025-04-02	12:00:00	73.0	-.-	-.-
2025-04-02	13:00:00	72.6	-.-	-.-
2025-04-02	14:00:00	71.5	-.-	-.-
2025-04-02	15:00:00	73.4	-.-	-.-
2025-04-02	16:00:00	69.4	-.-	-.-
2025-04-02	17:00:00	69.1	-.-	-.-
2025-04-02	18:00:00	70.4	72.9	-.-
2025-04-03	09:00:00	70.7	-.-	-.-
2025-04-03	10:00:00	71.0	-.-	-.-
2025-04-03	11:00:00	73.3	-.-	-.-
2025-04-03	12:00:00	70.1	-.-	-.-
2025-04-03	13:00:00	65.3	-.-	-.-
2025-04-03	14:00:00	66.8	-.-	-.-
2025-04-03	15:00:00	71.1	-.-	-.-
2025-04-03	16:00:00	69.8	-.-	-.-
2025-04-03	17:00:00	67.6	-.-	-.-
2025-04-03	18:00:00	64.0	69.8	-.-
2025-04-04	09:00:00	73.4	-.-	-.-
2025-04-04	10:00:00	76.2	-.-	-.-
2025-04-04	11:00:00	70.3	-.-	-.-
2025-04-04	12:00:00	65.0	-.-	-.-
2025-04-04	13:00:00	66.4	-.-	-.-
2025-04-04	14:00:00	64.5	-.-	-.-
2025-04-04	15:00:00	67.8	-.-	-.-
2025-04-04	16:00:00	68.5	-.-	-.-
2025-04-04	17:00:00	71.0	-.-	-.-
2025-04-04	18:00:00	58.3	70.4	-.-
2025-04-05	09:00:00	45.5	-.-	-.-
2025-04-05	10:00:00	47.4	-.-	-.-
2025-04-05	11:00:00	46.1	-.-	-.-
2025-04-05	12:00:00	45.5	-.-	-.-
2025-04-05	13:00:00	45.9	-.-	46.1

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



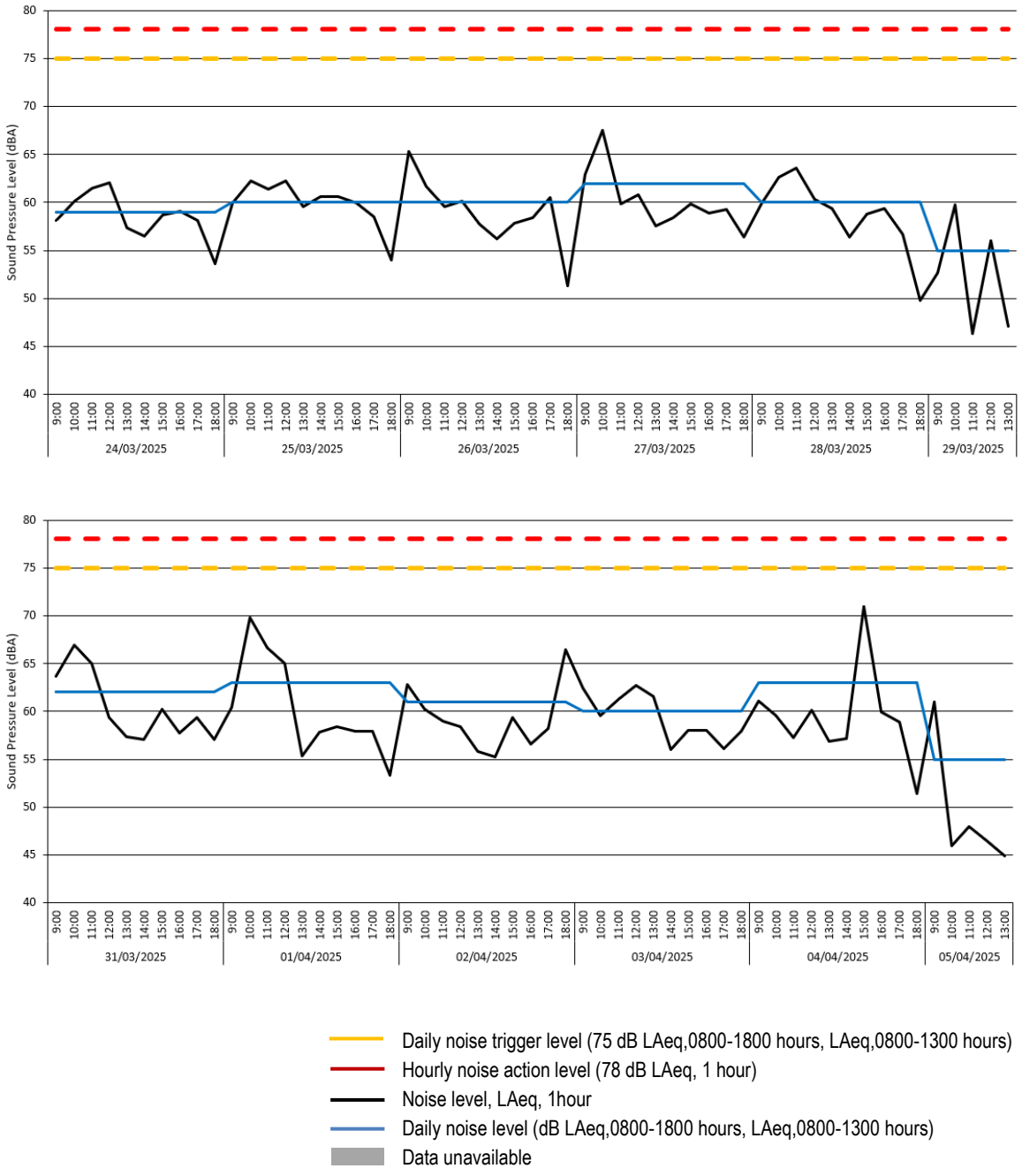
3.9 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or the hourly noise action level (78 dB LAeq,1hr) during this monitoring period.

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]
2025-03-24	09:00:00	58.1	-.-	-.-
2025-03-24	10:00:00	60.1	-.-	-.-
2025-03-24	11:00:00	61.5	-.-	-.-
2025-03-24	12:00:00	62.0	-.-	-.-
2025-03-24	13:00:00	57.4	-.-	-.-
2025-03-24	14:00:00	56.5	-.-	-.-
2025-03-24	15:00:00	58.7	-.-	-.-
2025-03-24	16:00:00	59.1	-.-	-.-
2025-03-24	17:00:00	58.1	-.-	-.-
2025-03-24	18:00:00	53.6	59.1	-.-
2025-03-25	09:00:00	59.9	-.-	-.-
2025-03-25	10:00:00	62.2	-.-	-.-
2025-03-25	11:00:00	61.4	-.-	-.-
2025-03-25	12:00:00	62.2	-.-	-.-
2025-03-25	13:00:00	59.6	-.-	-.-
2025-03-25	14:00:00	60.6	-.-	-.-
2025-03-25	15:00:00	60.6	-.-	-.-
2025-03-25	16:00:00	59.9	-.-	-.-
2025-03-25	17:00:00	58.5	-.-	-.-
2025-03-25	18:00:00	54.0	60.3	-.-
2025-03-26	09:00:00	65.3	-.-	-.-
2025-03-26	10:00:00	61.7	-.-	-.-
2025-03-26	11:00:00	59.6	-.-	-.-
2025-03-26	12:00:00	60.1	-.-	-.-
2025-03-26	13:00:00	57.7	-.-	-.-
2025-03-26	14:00:00	56.2	-.-	-.-
2025-03-26	15:00:00	57.8	-.-	-.-
2025-03-26	16:00:00	58.4	-.-	-.-
2025-03-26	17:00:00	60.5	-.-	-.-
2025-03-26	18:00:00	51.3	60.2	-.-
2025-03-27	09:00:00	62.9	-.-	-.-
2025-03-27	10:00:00	67.5	-.-	-.-
2025-03-27	11:00:00	59.8	-.-	-.-
2025-03-27	12:00:00	60.8	-.-	-.-
2025-03-27	13:00:00	57.5	-.-	-.-
2025-03-27	14:00:00	58.4	-.-	-.-
2025-03-27	15:00:00	59.8	-.-	-.-
2025-03-27	16:00:00	58.9	-.-	-.-
2025-03-27	17:00:00	59.3	-.-	-.-
2025-03-27	18:00:00	56.4	61.5	-.-
2025-03-28	09:00:00	59.8	-.-	-.-
2025-03-28	10:00:00	62.6	-.-	-.-
2025-03-28	11:00:00	63.6	-.-	-.-
2025-03-28	12:00:00	60.3	-.-	-.-
2025-03-28	13:00:00	59.4	-.-	-.-
2025-03-28	14:00:00	56.4	-.-	-.-
2025-03-28	15:00:00	58.8	-.-	-.-
2025-03-28	16:00:00	59.4	-.-	-.-
2025-03-28	17:00:00	56.7	-.-	-.-
2025-03-28	18:00:00	49.8	59.8	-.-
2025-03-29	09:00:00	52.7	-.-	-.-
2025-03-29	10:00:00	59.7	-.-	-.-
2025-03-29	11:00:00	46.3	-.-	-.-
2025-03-29	12:00:00	56.0	-.-	-.-
2025-03-29	13:00:00	47.1	-.-	55.1
2025-03-30	18:00:00	-.-	57.4	-.-
2025-03-31	09:00:00	63.7	-.-	-.-
2025-03-31	10:00:00	66.9	-.-	-.-
2025-03-31	11:00:00	65.0	-.-	-.-
2025-03-31	12:00:00	59.4	-.-	-.-
2025-03-31	13:00:00	57.4	-.-	-.-
2025-03-31	14:00:00	57.1	-.-	-.-
2025-03-31	15:00:00	60.2	-.-	-.-
2025-03-31	16:00:00	57.7	-.-	-.-
2025-03-31	17:00:00	59.4	-.-	-.-
2025-03-31	18:00:00	57.1	61.9	-.-
2025-04-01	09:00:00	60.4	-.-	-.-
2025-04-01	10:00:00	69.8	-.-	-.-
2025-04-01	11:00:00	66.6	-.-	-.-
2025-04-01	12:00:00	65.0	-.-	-.-
2025-04-01	13:00:00	55.3	-.-	-.-
2025-04-01	14:00:00	57.8	-.-	-.-
2025-04-01	15:00:00	58.4	-.-	-.-
2025-04-01	16:00:00	57.9	-.-	-.-
2025-04-01	17:00:00	57.9	-.-	-.-
2025-04-01	18:00:00	53.3	63.3	-.-
2025-04-02	09:00:00	62.8	-.-	-.-
2025-04-02	10:00:00	60.2	-.-	-.-
2025-04-02	11:00:00	59.0	-.-	-.-
2025-04-02	12:00:00	58.4	-.-	-.-
2025-04-02	13:00:00	55.8	-.-	-.-
2025-04-02	14:00:00	55.2	-.-	-.-
2025-04-02	15:00:00	59.4	-.-	-.-
2025-04-02	16:00:00	56.6	-.-	-.-
2025-04-02	17:00:00	58.2	-.-	-.-
2025-04-02	18:00:00	66.5	60.7	-.-
2025-04-03	09:00:00	62.4	-.-	-.-
2025-04-03	10:00:00	59.6	-.-	-.-
2025-04-03	11:00:00	61.3	-.-	-.-
2025-04-03	12:00:00	62.7	-.-	-.-
2025-04-03	13:00:00	61.6	-.-	-.-
2025-04-03	14:00:00	56.0	-.-	-.-
2025-04-03	15:00:00	58.0	-.-	-.-
2025-04-03	16:00:00	58.0	-.-	-.-
2025-04-03	17:00:00	56.1	-.-	-.-
2025-04-03	18:00:00	57.9	60.0	-.-
2025-04-04	09:00:00	61.1	-.-	-.-
2025-04-04	10:00:00	59.6	-.-	-.-
2025-04-04	11:00:00	57.3	-.-	-.-
2025-04-04	12:00:00	60.1	-.-	-.-
2025-04-04	13:00:00	56.9	-.-	-.-
2025-04-04	14:00:00	57.2	-.-	-.-
2025-04-04	15:00:00	71.0	-.-	-.-
2025-04-04	16:00:00	59.9	-.-	-.-
2025-04-04	17:00:00	58.9	-.-	-.-
2025-04-04	18:00:00	51.4	62.8	-.-
2025-04-05	09:00:00	61.0	-.-	-.-
2025-04-05	10:00:00	46.0	-.-	-.-
2025-04-05	11:00:00	48.0	-.-	-.-
2025-04-05	12:00:00	46.4	-.-	-.-
2025-04-05	13:00:00	44.9	-.-	54.6

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



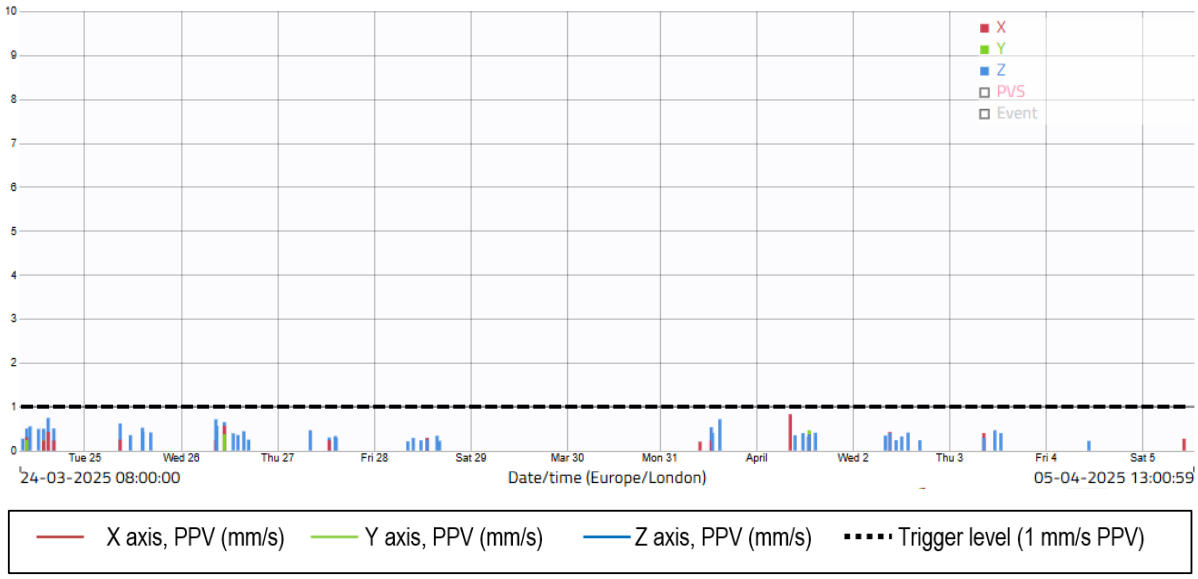
3.10 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or the hourly noise action level (78 dB LAeq,1hr) during this monitoring period.

Vibration Monitoring Results

Location 1 (meter ref. PIJIVI) – Raw Data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L1	24/03/2025 to 05/04/2025	1	0.82	01/04/2025	09:44
		2	0.74	24/03/2025	15:04
Criteria mm/s PVS	Exceedances	3	0.71	31/03/2025	15:03
1.0	0	4	0.71	26/03/2025	08:46
		5	0.66	26/03/2025	08:49
		6	0.65	26/03/2025	10:52
		7	0.62	26/03/2025	08:12
		8	0.62	25/03/2025	08:59
		9	0.59	26/03/2025	11:04
		10	0.56	26/03/2025	10:43

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



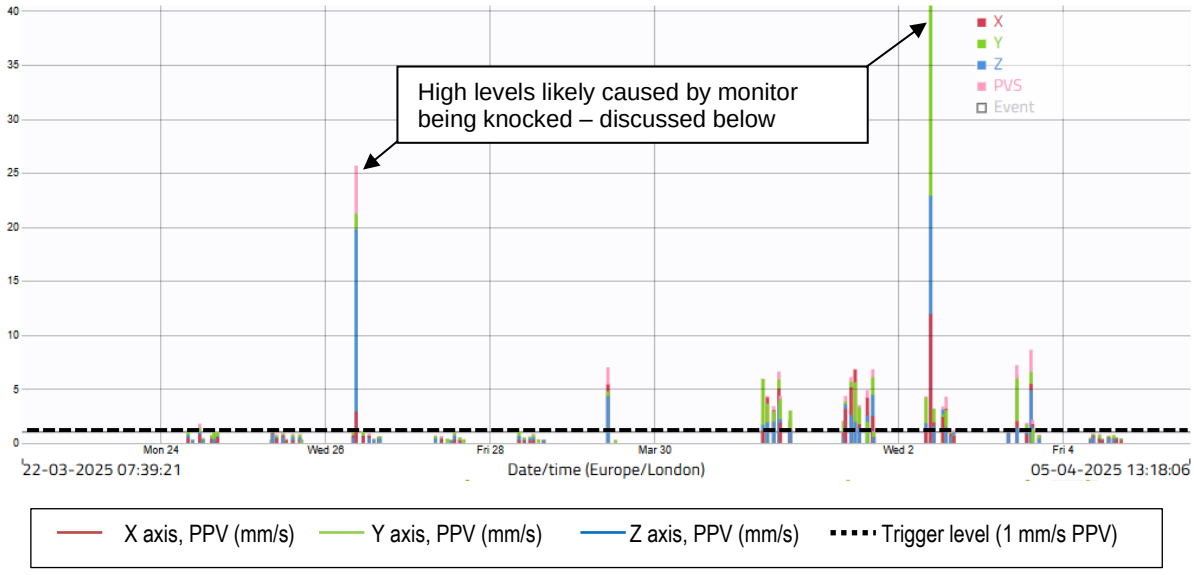
3.11 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were no exceedances of the vibration trigger level (1 mm/a PPV) recorded during the monitoring period.

3.12 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 any exceedances at this location can be 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:	Period:	Order	Value	Date	Time
Holloway - L2	22/03/2025 to 05/04/2025	1	74.98	02/04/2025	09:36
		2	21.21	26/03/2025	09:06
Criteria mm/s PVS	Exceedances	3	6.75	01/04/2025	11:34
1.0	329	4	6.53	03/04/2025	14:49
		5	6.05	01/04/2025	16:42
		6	5.96	03/04/2025	10:48
		7	5.89	31/03/2025	08:41
		8	5.85	31/03/2025	13:19
		9	5.71	03/04/2025	10:40
		10	5.64	01/04/2025	10:26
		11	5.60	01/04/2025	12:40
		12	5.39	29/03/2025	12:43
		13	5.14	01/04/2025	10:20
		14	5.01	31/03/2025	13:11
		15	4.88	02/04/2025	09:38
		16	4.80	01/04/2025	10:25
		17	4.53	01/04/2025	10:48
		18	4.19	02/04/2025	08:14
		19	4.18	31/03/2025	09:59
		20	4.16	01/04/2025	15:08
		21	4.04	31/03/2025	13:45
		22	3.95	01/04/2025	11:38
		23	3.81	01/04/2025	08:45
		24	3.74	31/03/2025	12:36
		25	3.74	01/04/2025	10:49
		26	3.73	02/04/2025	09:37
		27	3.62	31/03/2025	09:45
		28	3.53	31/03/2025	14:55
		29	3.51	01/04/2025	10:21
		30	3.48	02/04/2025	09:39

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



3.13 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were 329 exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above.

3.14 Two significantly high vibration levels were recorded (as indicated on the above graph), with measured levels of 21.21& 74.98 mm/s PPV, recorded at 09:06 on Wednesday 26th March and at 09:36 on Wednesday 2nd April respectively. After discussions with site management, these levels were highly likely caused by the monitor accidentally being knocked by site operatives, as opposed to continuous construction activity consistently generating high vibration levels of this magnitude. This will continue to be monitored.

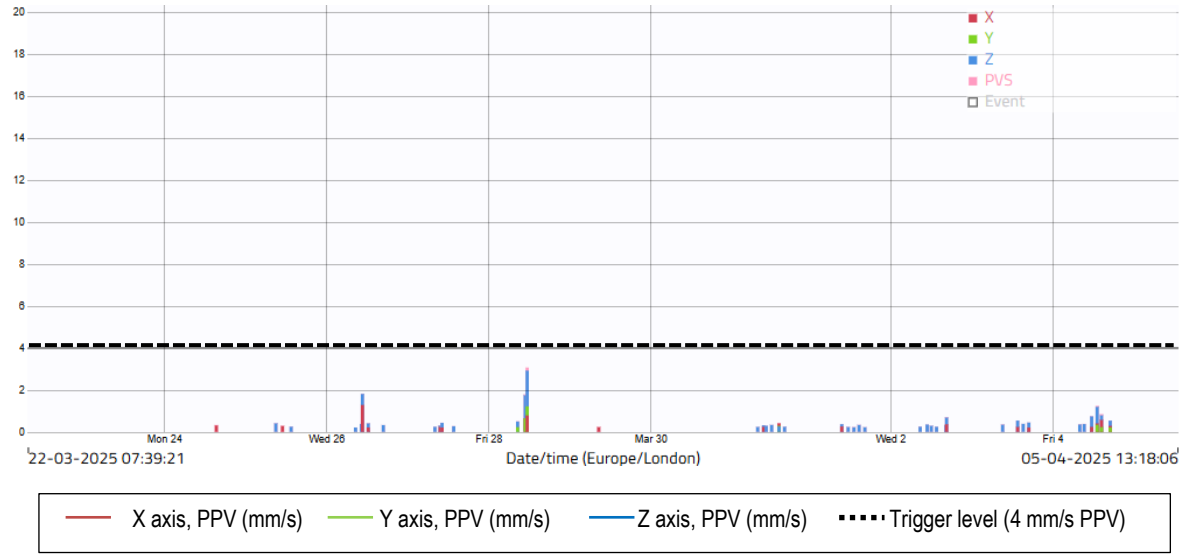
3.15 The next highest recorded vibration level took place on Tuesday 1st April at 11:34, with a recorded level of 6.75 mm/s PPV. Discussions with site management confirmed that the exceedances were likely caused by the excavation of services and installation of scaffold mat at the rear of Blocks E1 & E2. This involves the use of heavy machinery operating within close proximity of the monitoring equipment at Location 2 – including the use of rollers, wacker plates, excavators and dumpers.

3.16 The above activity has been discussed with site management and, as well as measures to control noise, vibration & dust emissions. It is expected that the recorded vibration levels at this location will be significantly lower once the heavy machinery operating within close proximity of this location has completed its work, as discussed above.

Location 3 (meter ref. RIYORU) – Raw data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L3	22/03/2025 to 05/04/2025	1	2.91	28/03/2025	12:41
		2	1.80	26/03/2025	10:43
Criteria mm/s PVS	Exceedances	3	1.73	28/03/2025	11:08
4.0	0	4	1.41	28/03/2025	11:26
		5	1.26	28/03/2025	11:28
		6	1.19	28/03/2025	12:46
		7	1.18	04/04/2025	13:14
		8	1.17	28/03/2025	11:29
		9	1.14	28/03/2025	12:45
		10	1.14	28/03/2025	12:44

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

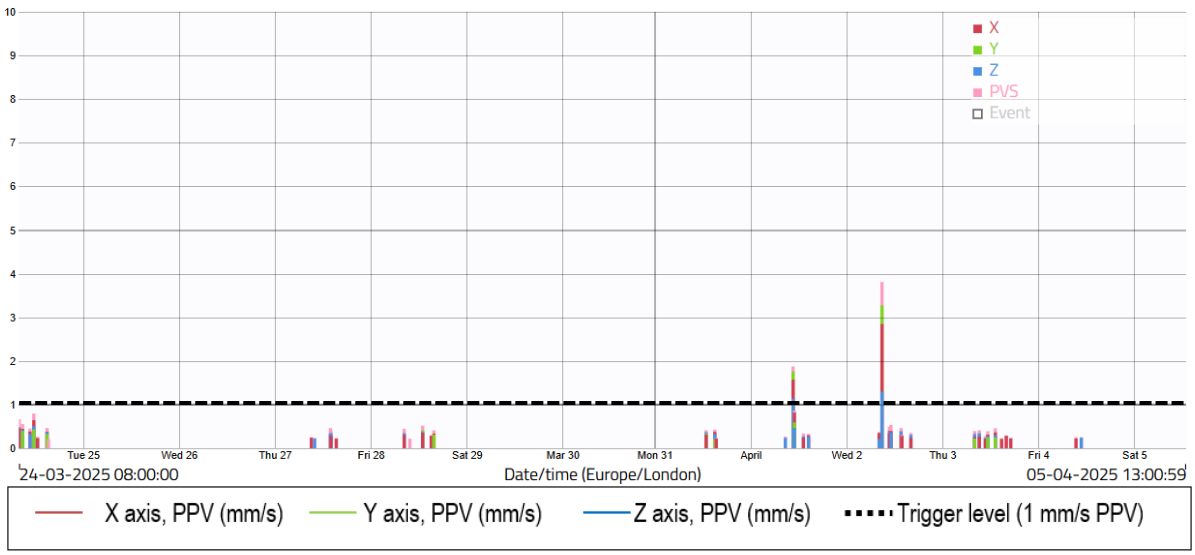


3.17 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were no exceedances of the project vibration trigger level of 4.0 mm/s PPV, as shown in the raw data and graph above.

Location 4 (meter ref. TEJELU) – Raw data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L4	24/03/2025 to 05/04/2025	1	3.27	02/04/2025	08:59
		2	1.76	01/04/2025	10:41
Criteria mm/s PVS	Exceedances	3	1.57	01/04/2025	11:00
1.0	6	4	1.27	01/04/2025	10:53
		5	1.04	02/04/2025	09:13
		6	1.01	02/04/2025	09:06
		7	0.94	02/04/2025	09:09
		8	0.84	01/04/2025	10:59
		9	0.81	01/04/2025	11:01
		10	0.79	02/04/2025	09:12

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



3.18 There was 100% data coverage at Location 4 during construction hours for the monitoring period covered by this report.

3.19 There were six 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 2nd April at 08:59, with a recorded level of 3.3 mm/s PPV. Discussions with site management confirmed that the exceedances were likely caused by several contributing factors, including the excavation of services and installation of scaffold mat at the rear of Blocks E1 & E2. This will continue to be monitored.