

Holloway Park, London

Construction Monitoring Report

Client: London Square
Ref: CM100-22405-R0
Date: 13 February 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 27th January & Saturday 8th February 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

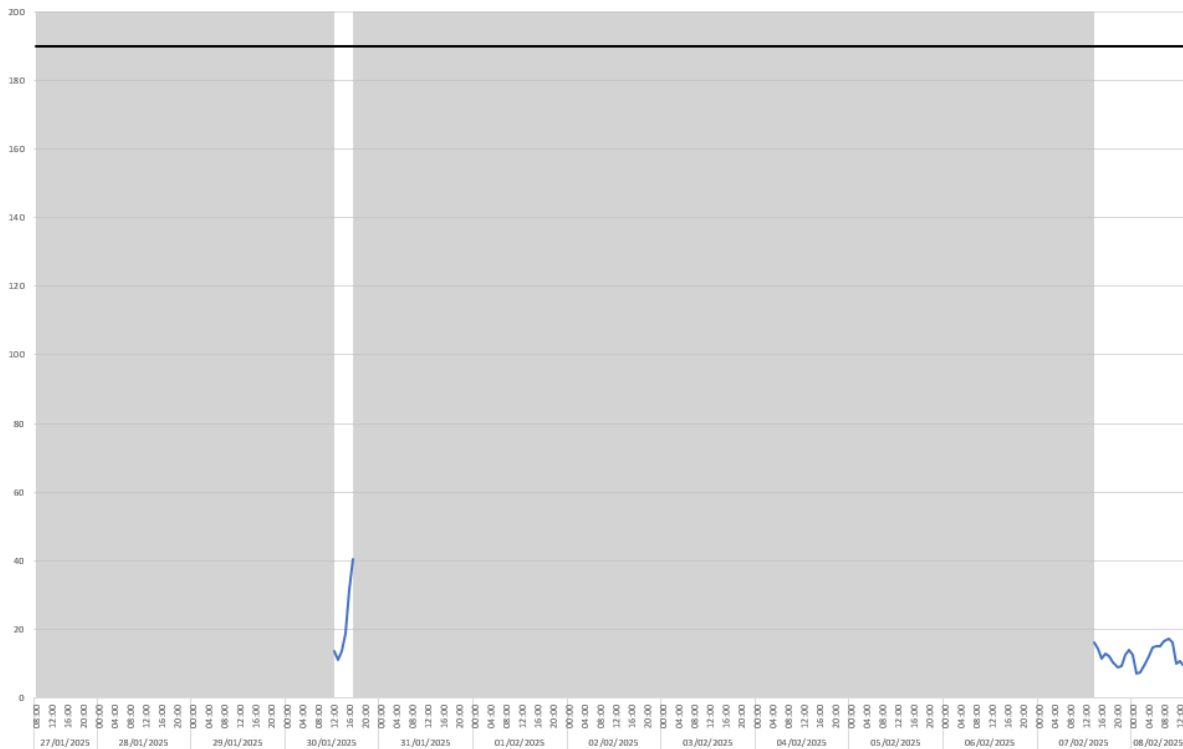
- Work continuing on the Block C & D decking
- Installation of drainage at between Blocks C & D, and Block E1
- Installation of pile caps & beams – Block E1
- Vertical elements being constructed at second to third floor levels – Block C2
- Constructing slab at first to third floor levels of Block D1.
- Constructing slab at third floor level of Blocks D2 and & D2.
- Constructing slab at second floor level of Block E2.

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.

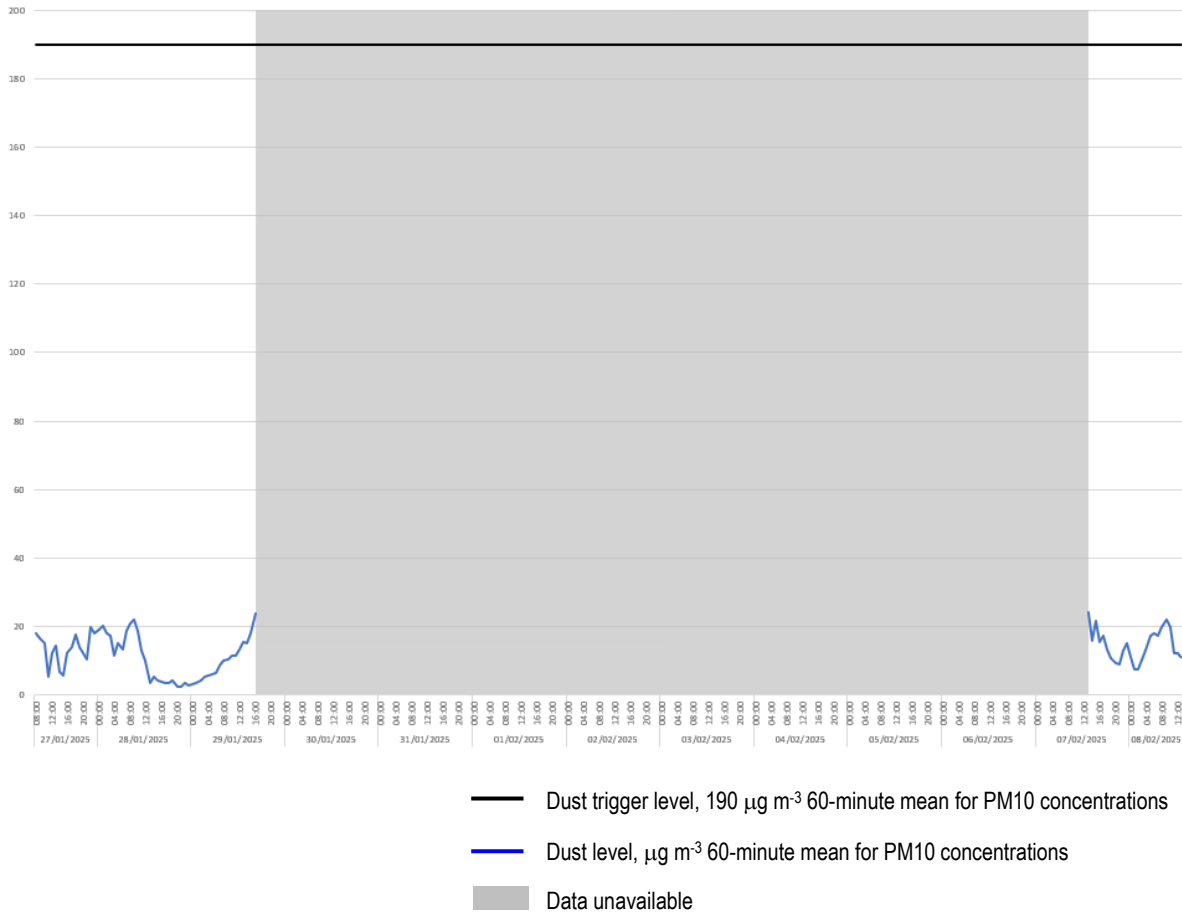
Dust Monitoring Results

Location 1 (meter ref. TNO4728)



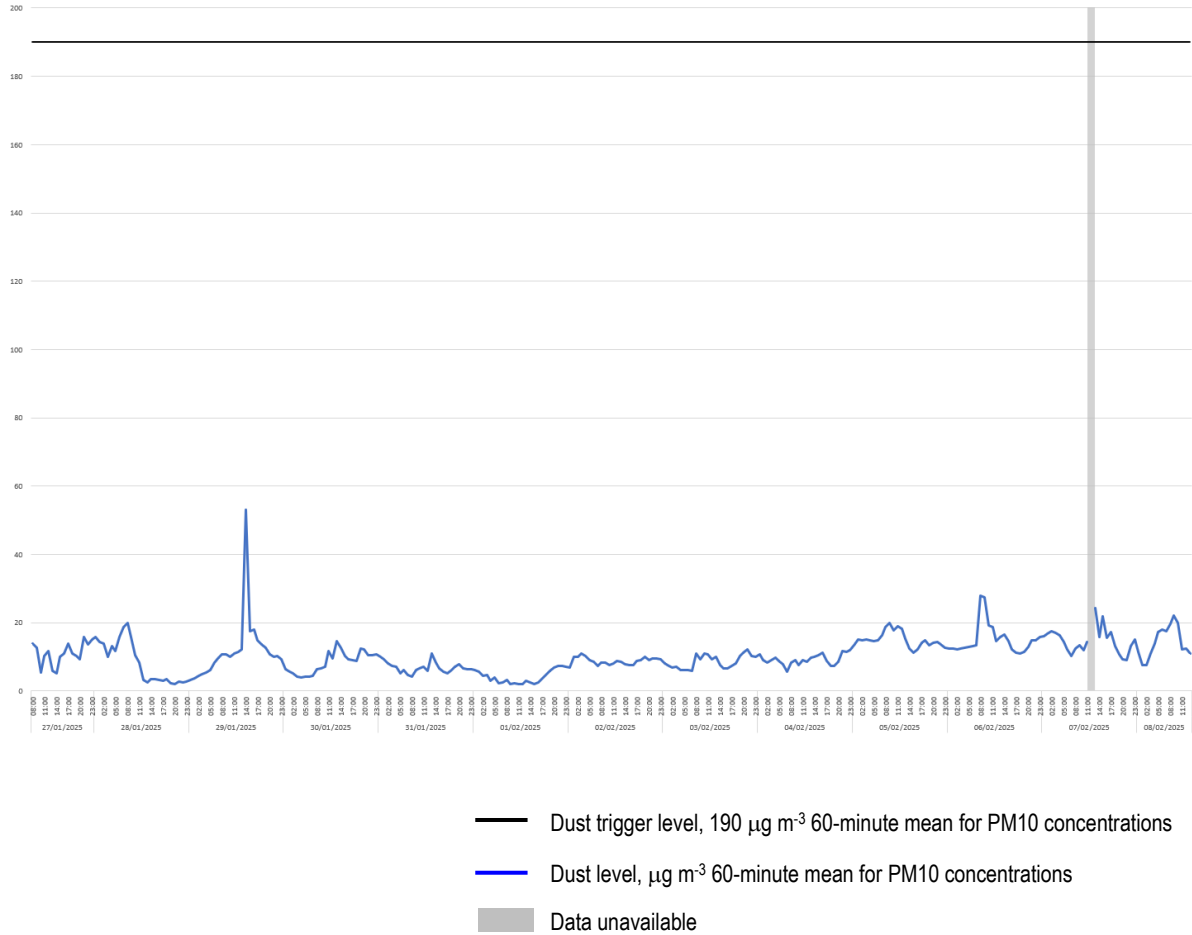
3.2 The dust monitor at this location was temporarily removed from site on Friday 10th January, due to the site hoarding at this location needing to be repositioned. This monitor was reinstalled on the 29th January; however, due to a power issue which has since been resolved, this came back online on Friday 7th February. There was 14% data coverage due to the power issue; however, from the available data, no exceedances of the dust trigger level were recorded at this location.

Location 2 (meter ref. TNO4778)



3.3 There was 36% data coverage at Location 2 during construction hours for the monitoring period covered by this report. This was caused by a power issue on site, which has since been resolved. 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.

Location 3 (meter ref. TNO4475)



3.4 There was 99% data coverage at Location 3 during construction hours for the monitoring period covered by this report. The monitor was offline for one hour, from 11:00 on Friday 7th February, during a Cass Allen site visit. 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.

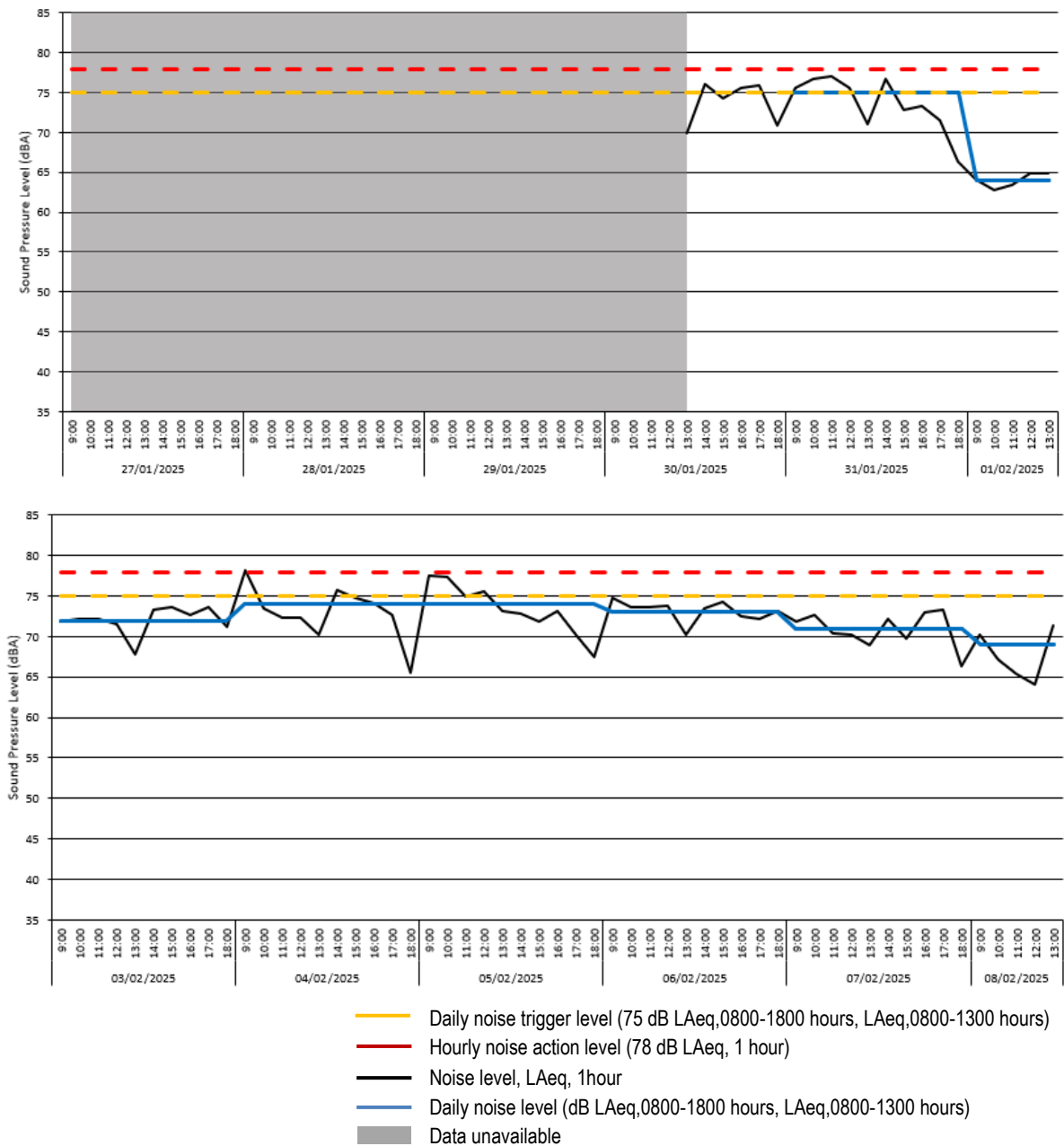
Noise Monitoring Results

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]
2025-01-30	13:00:00	69.9	-.-	-.-	-.-
2025-01-30	14:00:00	76.1	-.-	-.-	-.-
2025-01-30	15:00:00	74.3	-.-	-.-	-.-
2025-01-30	16:00:00	75.6	-.-	-.-	-.-
2025-01-30	17:00:00	75.9	-.-	-.-	-.-
2025-01-30	18:00:00	70.8	-.-	-.-	-.-
2025-01-31	09:00:00	75.6	-.-	-.-	-.-
2025-01-31	10:00:00	76.7	-.-	-.-	-.-
2025-01-31	11:00:00	77.1	-.-	-.-	-.-
2025-01-31	12:00:00	75.5	-.-	-.-	-.-
2025-01-31	13:00:00	71.1	-.-	-.-	-.-
2025-01-31	14:00:00	76.7	-.-	-.-	-.-
2025-01-31	15:00:00	72.8	-.-	-.-	-.-
2025-01-31	16:00:00	73.3	-.-	-.-	-.-
2025-01-31	17:00:00	71.5	-.-	-.-	-.-
2025-01-31	18:00:00	66.4	-.-	74.6	-.-
2025-02-01	09:00:00	64.1	-.-	-.-	-.-
2025-02-01	10:00:00	62.7	-.-	-.-	-.-
2025-02-01	11:00:00	63.4	-.-	-.-	-.-
2025-02-01	12:00:00	64.9	-.-	-.-	-.-
2025-02-01	13:00:00	64.9	-.-	-.-	64.1
2025-02-02	18:00:00	-.-	-.-	64.2	-.-
2025-02-03	09:00:00	71.8	-.-	-.-	-.-
2025-02-03	10:00:00	72.2	-.-	-.-	-.-
2025-02-03	11:00:00	72.1	-.-	-.-	-.-
2025-02-03	12:00:00	71.5	-.-	-.-	-.-
2025-02-03	13:00:00	67.8	-.-	-.-	-.-
2025-02-03	14:00:00	73.3	-.-	-.-	-.-
2025-02-03	15:00:00	73.6	-.-	-.-	-.-
2025-02-03	16:00:00	72.6	-.-	-.-	-.-
2025-02-03	17:00:00	73.7	-.-	-.-	-.-
2025-02-03	18:00:00	71.2	-.-	72.2	-.-
2025-02-04	09:00:00	78.1	-.-	-.-	-.-
2025-02-04	10:00:00	73.5	-.-	-.-	-.-
2025-02-04	11:00:00	72.4	-.-	-.-	-.-
2025-02-04	12:00:00	72.3	-.-	-.-	-.-
2025-02-04	13:00:00	70.3	-.-	-.-	-.-
2025-02-04	14:00:00	75.7	-.-	-.-	-.-
2025-02-04	15:00:00	74.8	-.-	-.-	-.-
2025-02-04	16:00:00	74.1	-.-	-.-	-.-
2025-02-04	17:00:00	72.6	-.-	-.-	-.-
2025-02-04	18:00:00	65.6	-.-	73.9	-.-
2025-02-05	09:00:00	77.5	-.-	-.-	-.-
2025-02-05	10:00:00	77.4	-.-	-.-	-.-
2025-02-05	11:00:00	75.0	-.-	-.-	-.-
2025-02-05	12:00:00	75.6	-.-	-.-	-.-
2025-02-05	13:00:00	73.2	-.-	-.-	-.-
2025-02-05	14:00:00	72.8	-.-	-.-	-.-
2025-02-05	15:00:00	71.8	-.-	-.-	-.-
2025-02-05	16:00:00	73.2	-.-	-.-	-.-
2025-02-05	17:00:00	70.3	-.-	-.-	-.-
2025-02-05	18:00:00	67.4	-.-	74.3	-.-
2025-02-06	09:00:00	74.8	-.-	-.-	-.-
2025-02-06	10:00:00	73.7	-.-	-.-	-.-
2025-02-06	11:00:00	73.7	-.-	-.-	-.-
2025-02-06	12:00:00	73.8	-.-	-.-	-.-
2025-02-06	13:00:00	70.2	-.-	-.-	-.-
2025-02-06	14:00:00	73.5	-.-	-.-	-.-
2025-02-06	15:00:00	74.3	-.-	-.-	-.-
2025-02-06	16:00:00	72.5	-.-	-.-	-.-
2025-02-06	17:00:00	72.2	-.-	-.-	-.-
2025-02-06	18:00:00	73.1	-.-	73.3	-.-
2025-02-07	09:00:00	71.9	-.-	-.-	-.-
2025-02-07	10:00:00	72.6	-.-	-.-	-.-
2025-02-07	11:00:00	70.4	-.-	-.-	-.-
2025-02-07	12:00:00	70.3	-.-	-.-	-.-
2025-02-07	13:00:00	68.9	-.-	-.-	-.-
2025-02-07	14:00:00	72.2	-.-	-.-	-.-
2025-02-07	15:00:00	69.8	-.-	-.-	-.-
2025-02-07	16:00:00	73.0	-.-	-.-	-.-
2025-02-07	17:00:00	73.3	-.-	-.-	-.-
2025-02-07	18:00:00	66.4	-.-	71.3	-.-
2025-02-08	09:00:00	70.3	-.-	-.-	-.-
2025-02-08	10:00:00	67.1	-.-	-.-	-.-
2025-02-08	11:00:00	65.4	-.-	-.-	-.-
2025-02-08	12:00:00	64.1	-.-	-.-	-.-
2025-02-08	13:00:00	71.4	-.-	-.-	68.5

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



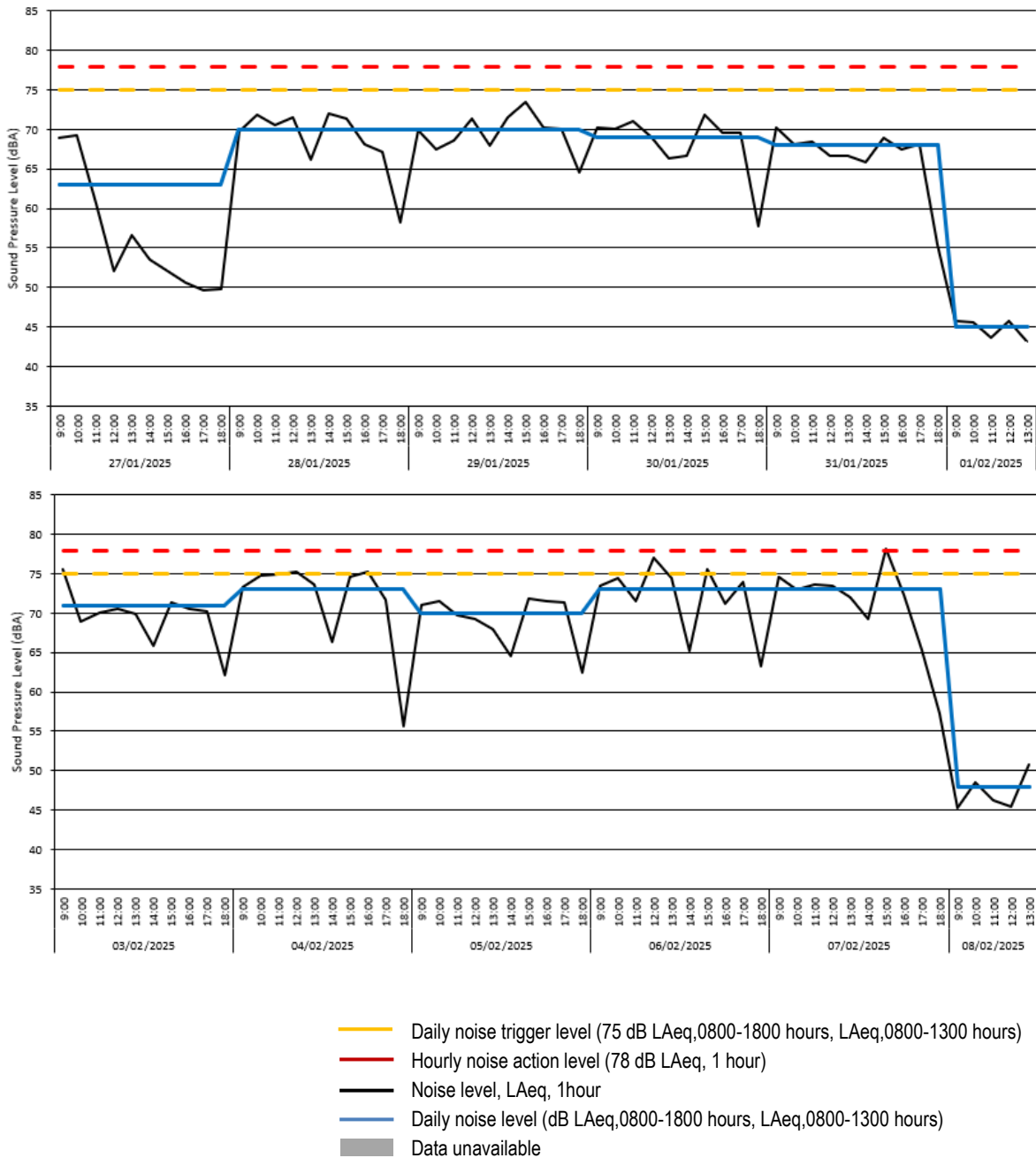
3.5 The noise monitor at this location was temporarily removed from site on Friday 10th January, due to the site hoarding at this location needing to be repositioned. This monitor has since been reinstalled, during a site visit which took place on Wednesday 29th January. The monitor came back online at 13:00 on Thursday 30th January. There was 68% data coverage at Location 1 during construction hours for the monitoring period covered by this report.

3.6 There was one equalling of the project daily noise trigger level, which occurred on Friday 31st January with a recorded level of 75 dB LAeq,T. The daily noise trigger level was not exceeded. Additionally, there was one exceedance of the project hourly noise action level, which took place Tuesday 4th February at 09:00 with a recorded level of 78 dB LAeq,1hour. This was likely caused by the installation of drainage between Blocks C & D. This will continue to be monitored.

Location 2 (meter ref. VFHMP-7XSY7)

Date [YYYY-MM-DD]	Time [hh:mm:ss]	LAeq(60min) [dB]	LAeq(10hr) [dB]	LAeq(5hr) [dB]					
2025-01-27	09:00:00	69.0	--	--	2025-02-02	18:00:00	--	45.1	--
2025-01-27	10:00:00	69.3	--	--	2025-02-03	09:00:00	75.6	--	--
2025-01-27	11:00:00	60.7	--	--	2025-02-03	10:00:00	68.9	--	--
2025-01-27	12:00:00	52.1	--	--	2025-02-03	11:00:00	70.0	--	--
2025-01-27	13:00:00	56.7	--	--	2025-02-03	12:00:00	70.5	--	--
2025-01-27	14:00:00	53.6	--	--	2025-02-03	13:00:00	69.9	--	--
2025-01-27	15:00:00	52.1	--	--	2025-02-03	14:00:00	65.8	--	--
2025-01-27	16:00:00	50.7	--	--	2025-02-03	15:00:00	71.3	--	--
2025-01-27	17:00:00	49.7	--	--	2025-02-03	16:00:00	70.5	--	--
2025-01-27	18:00:00	49.8	62.8	--	2025-02-03	17:00:00	70.3	--	--
2025-01-28	09:00:00	69.8	--	--	2025-02-03	18:00:00	62.1	70.6	--
2025-01-28	10:00:00	71.9	--	--	2025-02-04	09:00:00	73.3	--	--
2025-01-28	11:00:00	70.6	--	--	2025-02-04	10:00:00	74.8	--	--
2025-01-28	12:00:00	71.5	--	--	2025-02-04	11:00:00	75.0	--	--
2025-01-28	13:00:00	66.2	--	--	2025-02-04	12:00:00	75.2	--	--
2025-01-28	14:00:00	72.0	--	--	2025-02-04	13:00:00	73.6	--	--
2025-01-28	15:00:00	71.4	--	--	2025-02-04	14:00:00	66.3	--	--
2025-01-28	16:00:00	68.1	--	--	2025-02-04	15:00:00	74.6	--	--
2025-01-28	17:00:00	67.1	--	--	2025-02-04	16:00:00	75.3	--	--
2025-01-28	18:00:00	58.2	69.8	--	2025-02-04	17:00:00	71.7	--	--
2025-01-29	09:00:00	69.9	--	--	2025-02-04	18:00:00	55.6	73.4	--
2025-01-29	10:00:00	67.5	--	--	2025-02-05	09:00:00	71.0	--	--
2025-01-29	11:00:00	68.6	--	--	2025-02-05	10:00:00	71.5	--	--
2025-01-29	12:00:00	71.3	--	--	2025-02-05	11:00:00	69.7	--	--
2025-01-29	13:00:00	67.9	--	--	2025-02-05	12:00:00	69.3	--	--
2025-01-29	14:00:00	71.6	--	--	2025-02-05	13:00:00	67.9	--	--
2025-01-29	15:00:00	73.4	--	--	2025-02-05	14:00:00	64.6	--	--
2025-01-29	16:00:00	70.3	--	--	2025-02-05	15:00:00	71.9	--	--
2025-01-29	17:00:00	70.0	--	--	2025-02-05	16:00:00	71.5	--	--
2025-01-29	18:00:00	64.5	70.1	--	2025-02-05	17:00:00	71.4	--	--
2025-01-30	09:00:00	70.2	--	--	2025-02-05	18:00:00	62.5	69.9	--
2025-01-30	10:00:00	70.1	--	--	2025-02-06	09:00:00	73.5	--	--
2025-01-30	11:00:00	71.1	--	--	2025-02-06	10:00:00	74.4	--	--
2025-01-30	12:00:00	69.1	--	--	2025-02-06	11:00:00	71.6	--	--
2025-01-30	13:00:00	66.3	--	--	2025-02-06	12:00:00	77.0	--	--
2025-01-30	14:00:00	66.7	--	--	2025-02-06	13:00:00	74.4	--	--
2025-01-30	15:00:00	71.8	--	--	2025-02-06	14:00:00	65.2	--	--
2025-01-30	16:00:00	69.6	--	--	2025-02-06	15:00:00	75.5	--	--
2025-01-30	17:00:00	69.6	--	--	2025-02-06	16:00:00	71.2	--	--
2025-01-30	18:00:00	57.8	69.3	--	2025-02-06	17:00:00	74.0	--	--
2025-01-31	09:00:00	70.3	--	--	2025-02-06	18:00:00	63.3	73.4	--
2025-01-31	10:00:00	68.1	--	--	2025-02-07	09:00:00	74.6	--	--
2025-01-31	11:00:00	68.4	--	--	2025-02-07	10:00:00	73.0	--	--
2025-01-31	12:00:00	66.7	--	--	2025-02-07	11:00:00	73.6	--	--
2025-01-31	13:00:00	66.7	--	--	2025-02-07	12:00:00	73.4	--	--
2025-01-31	14:00:00	65.8	--	--	2025-02-07	13:00:00	72.0	--	--
2025-01-31	15:00:00	69.0	--	--	2025-02-07	14:00:00	69.2	--	--
2025-01-31	16:00:00	67.4	--	--	2025-02-07	15:00:00	78.2	--	--
2025-01-31	17:00:00	68.1	--	--	2025-02-07	16:00:00	72.3	--	--
2025-01-31	18:00:00	55.5	67.6	--	2025-02-07	17:00:00	65.3	--	--
2025-02-01	09:00:00	45.7	--	--	2025-02-07	18:00:00	57.3	73.1	--
2025-02-01	10:00:00	45.6	--	--	2025-02-08	09:00:00	45.3	--	--
2025-02-01	11:00:00	43.7	--	--	2025-02-08	10:00:00	48.5	--	--
2025-02-01	12:00:00	45.8	--	--	2025-02-08	11:00:00	46.3	--	--
2025-02-01	13:00:00	43.2	--	44.9	2025-02-08	12:00:00	45.5	--	--
					2025-02-08	13:00:00	50.8	--	47.8

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

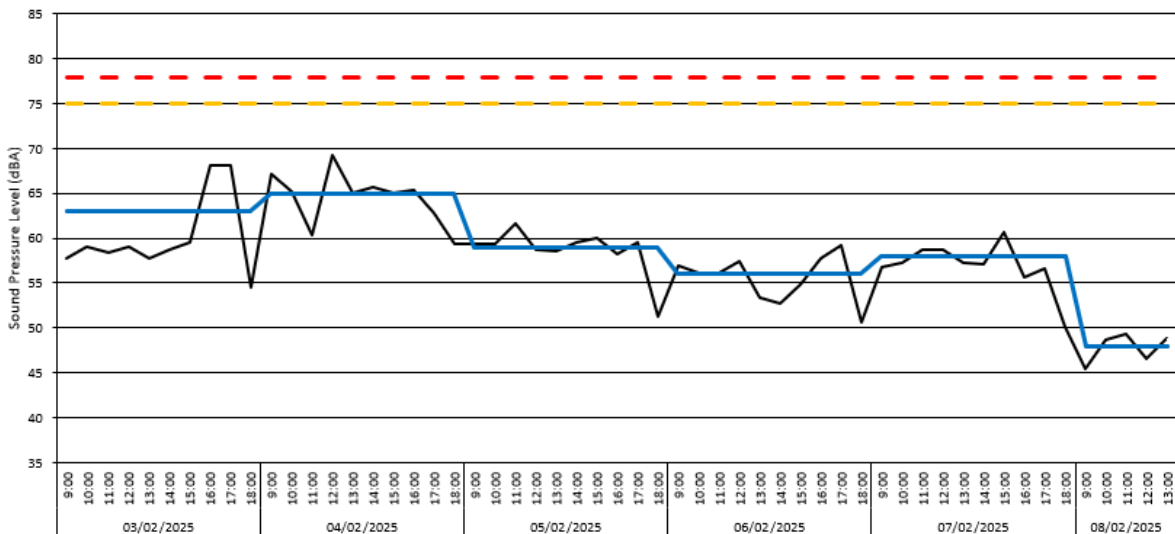
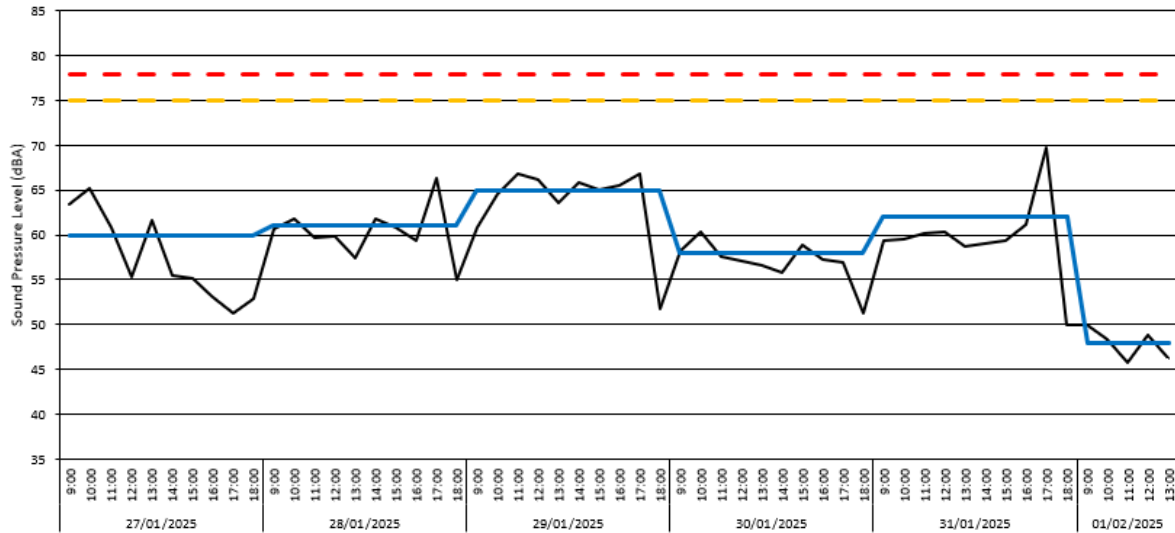


3.7 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. One exceedance of the project hourly noise trigger level was recorded on Friday 7th February at 15:00, with a recorded level of 78 dB LAeq, 1 hour. This was likely caused by works carried out at Block E, including the installation of pole caps & beams at Block E1. This will continue to be monitored. There were no exceedances of the daily project level of 78 dB LAeq,T.

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

Date [YYYY-MM-DD]	Time [hh:mm:ss]	LAeq(60min) [dB]	LAeq(10hr) [dB]	LAeq(5hr) [dB]
2025-01-27	09:00:00	63.4	--	--
2025-01-27	10:00:00	65.2	--	--
2025-01-27	11:00:00	60.9	--	--
2025-01-27	12:00:00	55.3	--	--
2025-01-27	13:00:00	61.7	--	--
2025-01-27	14:00:00	55.5	--	--
2025-01-27	15:00:00	55.2	--	--
2025-01-27	16:00:00	53.1	--	--
2025-01-27	17:00:00	51.3	--	--
2025-01-27	18:00:00	52.9	59.9	--
2025-01-28	09:00:00	60.6	--	--
2025-01-28	10:00:00	61.8	--	--
2025-01-28	11:00:00	59.7	--	--
2025-01-28	12:00:00	59.9	--	--
2025-01-28	13:00:00	57.5	--	--
2025-01-28	14:00:00	61.8	--	--
2025-01-28	15:00:00	60.8	--	--
2025-01-28	16:00:00	59.3	--	--
2025-01-28	17:00:00	66.3	--	--
2025-01-28	18:00:00	55.0	61.2	--
2025-01-29	09:00:00	60.8	--	--
2025-01-29	10:00:00	64.6	--	--
2025-01-29	11:00:00	66.9	--	--
2025-01-29	12:00:00	66.1	--	--
2025-01-29	13:00:00	63.6	--	--
2025-01-29	14:00:00	65.8	--	--
2025-01-29	15:00:00	65.0	--	--
2025-01-29	16:00:00	65.5	--	--
2025-01-29	17:00:00	66.8	--	--
2025-01-29	18:00:00	51.7	64.9	--
2025-01-30	09:00:00	58.3	--	--
2025-01-30	10:00:00	60.4	--	--
2025-01-30	11:00:00	57.6	--	--
2025-01-30	12:00:00	57.1	--	--
2025-01-30	13:00:00	56.7	--	--
2025-01-30	14:00:00	55.8	--	--
2025-01-30	15:00:00	58.9	--	--
2025-01-30	16:00:00	57.2	--	--
2025-01-30	17:00:00	57.0	--	--
2025-01-30	18:00:00	51.3	57.5	--
2025-01-31	09:00:00	59.4	--	--
2025-01-31	10:00:00	59.5	--	--
2025-01-31	11:00:00	60.2	--	--
2025-01-31	12:00:00	60.3	--	--
2025-01-31	13:00:00	58.8	--	--
2025-01-31	14:00:00	59.0	--	--
2025-01-31	15:00:00	59.3	--	--
2025-01-31	16:00:00	61.1	--	--
2025-01-31	17:00:00	69.7	--	--
2025-01-31	18:00:00	49.9	62.3	--
2025-02-01	09:00:00	50.0	--	--
2025-02-01	10:00:00	48.3	--	--
2025-02-01	11:00:00	45.8	--	--
2025-02-01	12:00:00	48.8	--	--
2025-02-01	13:00:00	46.2	--	48.1
2025-02-02	18:00:00	--	47.6	--
2025-02-03	09:00:00	57.8	--	--
2025-02-03	10:00:00	59.1	--	--
2025-02-03	11:00:00	58.4	--	--
2025-02-03	12:00:00	59.1	--	--
2025-02-03	13:00:00	57.7	--	--
2025-02-03	14:00:00	58.7	--	--
2025-02-03	15:00:00	59.6	--	--
2025-02-03	16:00:00	68.2	--	--
2025-02-03	17:00:00	68.1	--	--
2025-02-03	18:00:00	54.5	62.6	--
2025-02-04	09:00:00	67.1	--	--
2025-02-04	10:00:00	65.2	--	--
2025-02-04	11:00:00	60.4	--	--
2025-02-04	12:00:00	69.2	--	--
2025-02-04	13:00:00	65.1	--	--
2025-02-04	14:00:00	65.7	--	--
2025-02-04	15:00:00	65.1	--	--
2025-02-04	16:00:00	65.4	--	--
2025-02-04	17:00:00	62.7	--	--
2025-02-04	18:00:00	59.4	65.4	--
2025-02-05	09:00:00	59.3	--	--
2025-02-05	10:00:00	59.3	--	--
2025-02-05	11:00:00	61.7	--	--
2025-02-05	12:00:00	58.7	--	--
2025-02-05	13:00:00	58.5	--	--
2025-02-05	14:00:00	59.5	--	--
2025-02-05	15:00:00	60.0	--	--
2025-02-05	16:00:00	58.3	--	--
2025-02-05	17:00:00	59.6	--	--
2025-02-05	18:00:00	51.3	59.2	--
2025-02-06	09:00:00	56.9	--	--
2025-02-06	10:00:00	56.1	--	--
2025-02-06	11:00:00	56.1	--	--
2025-02-06	12:00:00	57.4	--	--
2025-02-06	13:00:00	53.4	--	--
2025-02-06	14:00:00	52.8	--	--
2025-02-06	15:00:00	54.8	--	--
2025-02-06	16:00:00	57.7	--	--
2025-02-06	17:00:00	59.2	--	--
2025-02-06	18:00:00	50.6	56.1	--
2025-02-07	09:00:00	56.8	--	--
2025-02-07	10:00:00	57.3	--	--
2025-02-07	11:00:00	58.8	--	--
2025-02-07	12:00:00	58.7	--	--
2025-02-07	13:00:00	57.2	--	--
2025-02-07	14:00:00	57.1	--	--
2025-02-07	15:00:00	60.6	--	--
2025-02-07	16:00:00	55.7	--	--
2025-02-07	17:00:00	56.6	--	--
2025-02-07	18:00:00	50.2	57.5	--
2025-02-08	09:00:00	45.4	--	--
2025-02-08	10:00:00	48.7	--	--
2025-02-08	11:00:00	49.3	--	--
2025-02-08	12:00:00	46.5	--	--
2025-02-08	13:00:00	48.9	--	48.0

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

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

3.9 There were no exceedances of the hourly or daily project noise limit of 78 dB and 75 dB LAeq,T during this monitoring period.

Vibration Monitoring Results

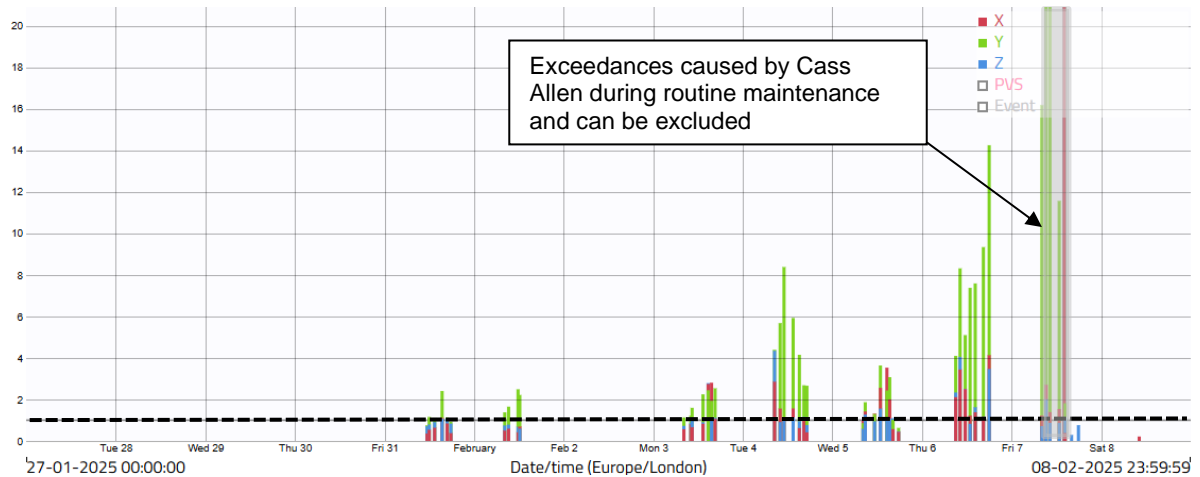
Location 1 (meter ref. PIJIVI) – Raw Data

Measuring point: Period:
 Holloway - L1 27/01/25 - 08/02/25

Criteria mm/s PPV Exceedances
 1.0 909

Order	Value	Date	Time	Order	Value	Date	Time	Order	Value	Date	Time
1	30.87	07/02/2025	09:13	31	8.31	06/02/2025	10:11	61	6.47	07/02/2025	08:20
2	22.26	07/02/2025	10:16	32	8.15	07/02/2025	08:56	62	6.46	07/02/2025	09:36
3	18.62	07/02/2025	10:40	33	8.05	07/02/2025	10:33	63	6.41	07/02/2025	09:43
4	17.41	07/02/2025	08:59	34	8.00	07/02/2025	08:41	64	6.39	06/02/2025	13:05
5	17.02	07/02/2025	08:49	35	7.81	07/02/2025	09:35	65	6.33	07/02/2025	10:49
6	16.17	07/02/2025	08:08	36	7.73	07/02/2025	09:19	66	6.29	07/02/2025	10:00
7	15.59	07/02/2025	08:31	37	7.69	07/02/2025	08:38	67	6.25	06/02/2025	14:53
8	14.24	06/02/2025	17:59	38	7.59	06/02/2025	14:15	68	6.22	07/02/2025	10:52
9	14.17	07/02/2025	10:42	39	7.50	07/02/2025	09:00	69	6.10	06/02/2025	13:01
10	13.23	07/02/2025	10:14	40	7.44	07/02/2025	09:42	70	6.09	07/02/2025	09:54
11	12.68	07/02/2025	10:43	41	7.43	07/02/2025	08:10	71	6.08	07/02/2025	10:39
12	12.54	07/02/2025	09:18	42	7.40	07/02/2025	09:21	72	6.02	06/02/2025	17:11
13	12.08	07/02/2025	08:46	43	7.37	06/02/2025	12:52	73	5.98	07/02/2025	09:22
14	11.89	07/02/2025	10:28	44	7.35	07/02/2025	09:02	74	5.95	06/02/2025	15:14
15	11.24	07/02/2025	09:28	45	7.31	07/02/2025	10:46	75	5.92	04/02/2025	13:28
16	9.95	07/02/2025	10:48	46	7.30	06/02/2025	17:50	76	5.91	07/02/2025	08:24
17	9.73	07/02/2025	10:45	47	7.30	07/02/2025	10:23	77	5.76	07/02/2025	08:17
18	9.38	07/02/2025	10:29	48	7.23	07/02/2025	09:56	78	5.67	04/02/2025	09:59
19	9.37	07/02/2025	08:02	49	7.20	07/02/2025	08:11	79	5.66	07/02/2025	09:25
20	9.34	06/02/2025	17:52	50	7.16	07/02/2025	08:48	80	5.65	07/02/2025	10:24
21	9.34	06/02/2025	16:26	51	6.86	06/02/2025	09:24	81	5.54	06/02/2025	13:06
22	9.27	07/02/2025	09:52	52	6.85	06/02/2025	16:27	82	5.37	04/02/2025	12:22
23	8.79	07/02/2025	10:10	53	6.77	07/02/2025	09:24	83	5.32	06/02/2025	12:56
24	8.70	07/02/2025	08:23	54	6.72	07/02/2025	10:01	84	5.29	06/02/2025	12:09
25	8.66	07/02/2025	10:12	55	6.71	07/02/2025	09:59	85	5.20	07/02/2025	08:33
26	8.55	07/02/2025	09:09	56	6.71	07/02/2025	09:30	86	5.16	06/02/2025	09:44
27	8.37	04/02/2025	11:01	57	6.71	07/02/2025	09:27	87	5.10	06/02/2025	11:34
28	8.36	06/02/2025	17:34	58	6.70	07/02/2025	09:14	88	5.09	07/02/2025	09:17
29	8.35	07/02/2025	09:53	59	6.58	07/02/2025	10:25	89	5.08	07/02/2025	08:51
30	8.34	07/02/2025	08:21	60	6.49	07/02/2025	09:55	90	5.07	07/02/2025	08:04

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



3.10 There was 59% data coverage at Location 1 during construction hours for the monitoring period covered by this report. The monitor was temporarily off site for its laboratory calibration until it was reinstalled on Wednesday 29th January, with the power being restored on Friday 31st January.

3.11 When the vibration was reinstalled on Friday 31st January, it was temporarily reinstalled on the site hoarding next to the dust and noise monitors at Location 1. The vibration monitor is usually located

on the facade of the residential building located off Dalmeny Avenue; however, access was not possible on the day of the visit. This was rectified during a further Cass Allen site visit on Friday 7th February, during which the vibration monitor was returned to its usual location.

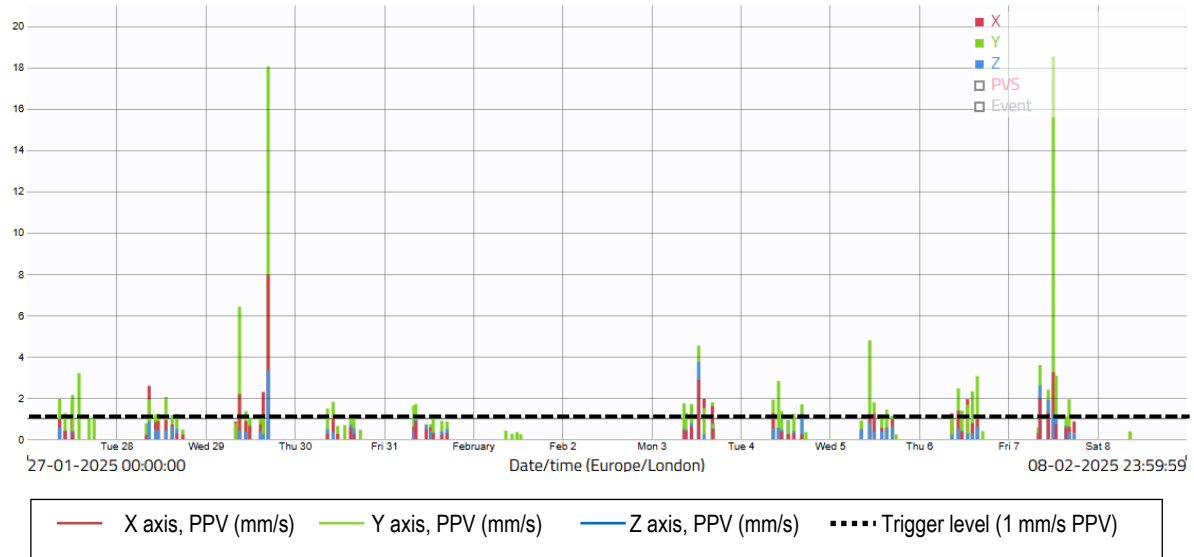
- 3.12 Due to the temporary relocation of the vibration monitor between Wednesday 29th January and Friday 7th February, the recorded vibration levels during this time were significantly higher than usual, due to the sensor being attached to the hoarding. Consequently, the recorded levels during this period would not have been representative of vibration levels incident on the facade of the nearest residential receptor.
- 3.13 As a result of this temporary relocation, there were 909 exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above. The highest level was recorded on Friday 7th February at 09:13, with a recorded level of 30.9 mm/s PPV. Vibration levels during this time were likely affected by either the drainage installation, or the pile cap & beams installation, at Block E. This will continue to be monitored. Due to the monitor having been reinstalled at its usual location on Friday 7th February, it is expected that vibration levels will be significantly lower going forward.

Location 2 (meter ref. LEQUMO) – Raw data

Measuring point: Period:
 Holloway - L2 27/01/25 - 08/02/25
 Criteria mm/s PPV Exceedances
 1.0 235

Order	Value	Date	Time	Order	Value	Date	Time	Order	Value	Date	Time
1	18.51	07/02/2025	12:07	31	2.46	06/02/2025	10:34	61	1.71	07/02/2025	12:06
2	18.04	29/01/2025	16:50	32	2.41	07/02/2025	10:46	62	1.71	31/01/2025	08:33
3	15.17	29/01/2025	16:45	33	2.32	06/02/2025	14:20	63	1.70	03/02/2025	10:44
4	14.99	07/02/2025	11:59	34	2.29	29/01/2025	15:30	64	1.69	04/02/2025	16:28
5	14.39	29/01/2025	16:39	35	2.25	07/02/2025	10:53	65	1.67	07/02/2025	10:43
6	9.41	29/01/2025	16:36	36	2.25	04/02/2025	09:58	66	1.67	06/02/2025	12:41
7	8.19	29/01/2025	16:51	37	2.19	07/02/2025	11:10	67	1.67	06/02/2025	12:50
8	7.96	29/01/2025	16:42	38	2.15	07/02/2025	11:13	68	1.66	07/02/2025	10:45
9	7.24	29/01/2025	16:47	39	2.14	27/01/2025	12:12	69	1.64	07/02/2025	10:52
10	7.22	29/01/2025	16:48	40	2.13	06/02/2025	14:10	70	1.64	07/02/2025	10:55
11	6.53	29/01/2025	16:41	41	2.11	06/02/2025	15:12	71	1.62	30/01/2025	17:41
12	6.43	29/01/2025	16:46	42	2.08	04/02/2025	10:01	72	1.60	03/02/2025	16:18
13	6.41	29/01/2025	09:08	43	2.08	27/01/2025	12:44	73	1.57	06/02/2025	16:18
14	6.29	07/02/2025	12:05	44	2.07	29/01/2025	16:49	74	1.57	07/02/2025	10:06
15	5.93	29/01/2025	16:44	45	2.05	07/02/2025	10:47	75	1.55	07/02/2025	10:48
16	5.66	07/02/2025	12:04	46	2.04	28/01/2025	13:19	76	1.54	27/01/2025	08:51
17	4.78	05/02/2025	10:43	47	1.97	07/02/2025	09:14	77	1.53	06/02/2025	16:12
18	4.61	29/01/2025	09:09	48	1.96	03/02/2025	14:09	78	1.52	07/02/2025	11:01
19	4.55	07/02/2025	12:00	49	1.95	27/01/2025	08:43	79	1.52	06/02/2025	16:16
20	4.52	03/02/2025	12:41	50	1.93	06/02/2025	13:02	80	1.51	06/02/2025	14:56
21	4.11	29/01/2025	16:40	51	1.93	07/02/2025	16:23	81	1.51	07/02/2025	08:25
22	3.83	29/01/2025	09:07	52	1.91	04/02/2025	08:45	82	1.50	05/02/2025	12:54
23	3.59	07/02/2025	08:32	53	1.87	27/01/2025	12:02	83	1.49	31/01/2025	08:20
24	3.19	27/01/2025	13:56	54	1.82	07/02/2025	10:54	84	1.49	30/01/2025	08:48
25	3.08	07/02/2025	12:51	55	1.81	29/01/2025	16:43	85	1.49	31/01/2025	08:25
26	3.05	06/02/2025	15:41	56	1.81	30/01/2025	10:19	86	1.48	30/01/2025	08:50
27	3.01	07/02/2025	08:55	57	1.78	03/02/2025	16:23	87	1.48	07/02/2025	10:29
28	2.82	04/02/2025	10:11	58	1.78	05/02/2025	11:53	88	1.47	05/02/2025	12:52
29	2.58	28/01/2025	08:48	59	1.77	04/02/2025	09:56	89	1.46	27/01/2025	13:02
30	2.58	07/02/2025	08:31	60	1.73	03/02/2025	08:45	90	1.45	03/02/2025	08:40

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



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

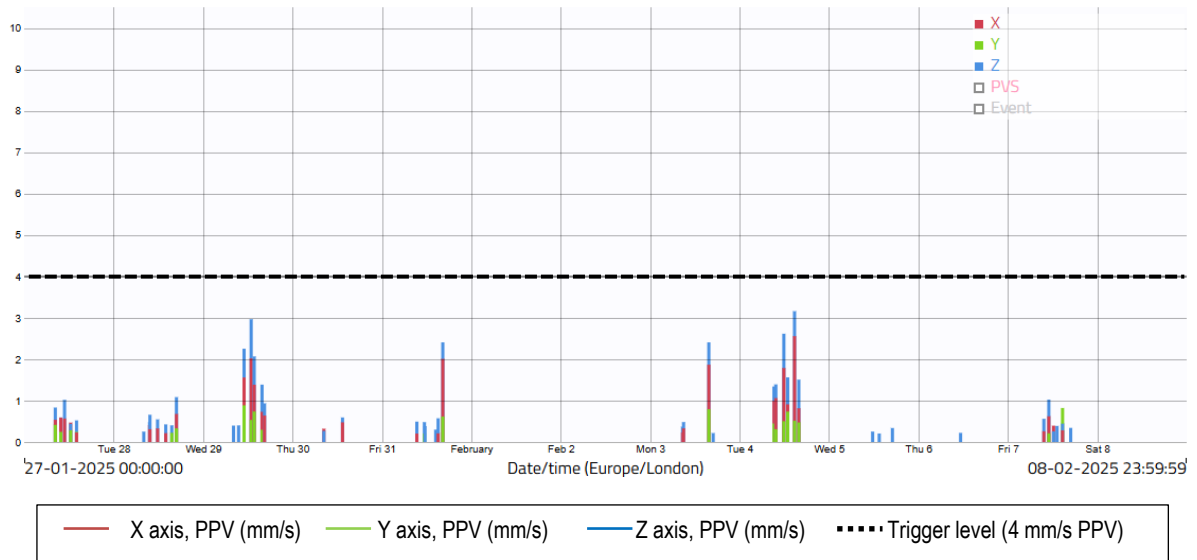
3.15 There were 235 exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above. The highest recorded level occurred on Friday 7th February at 12:07, with a recorded level of 18.5 mm/s PPV. This was a standalone exceedance, as it can be seen from the graph and the results table above that no other similar measured levels were recorded on the day. Therefore, it was likely not to have been caused by continuous construction activity at the location. It is possible the meter may have been knocked by a nearby site operative. The remaining exceedances at this location were likely caused by either the drainage installation, or the pile cap & beams installation, at Block E1. This will continue to be monitored.

Location 3 (meter ref. RIYORU) – Raw data

Measuring point: Holloway - L3
 Period: 27/01/25 - 08/02/25
 Criteria mm/s PPV: 4.0
 Exceedances: 0

Order	Value	Date	Time
1	3.16	04/02/2025	14:44
2	2.97	29/01/2025	12:54
3	2.61	04/02/2025	11:52
4	2.41	03/02/2025	15:44
5	2.41	31/01/2025	16:20
6	2.25	29/01/2025	11:00
7	2.18	03/02/2025	16:17
8	2.08	29/01/2025	11:16
9	2.07	29/01/2025	13:42
10	1.98	03/02/2025	15:36

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



3.16 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.

3.17 The highest level recorded was on Tuesday 4th February at 14:44, with a recorded level of 3.2 mm/s PPV.

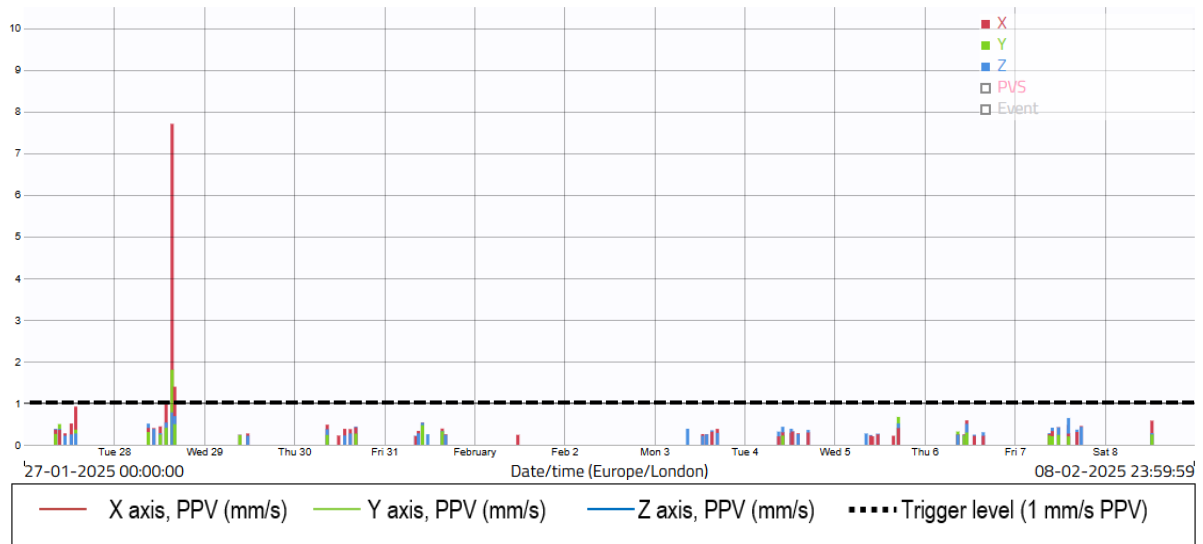
Location 4 (meter ref. TEJELU) – Raw data

Measuring point: Period:
 Holloway - L4 27/01/25 - 08/02/25

Criteria mm/s PPV Exceedances
 1.0 2

Order	Value	Date	Time
1	7.70	28/01/2025	15:28
2	1.39	28/01/2025	15:48
3	0.98	28/01/2025	13:50
4	0.92	27/01/2025	12:37
5	0.72	28/01/2025	15:45
6	0.67	05/02/2025	16:59
7	0.64	07/02/2025	14:17
8	0.59	06/02/2025	11:10
9	0.58	08/02/2025	12:33
10	0.56	28/01/2025	15:25

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. There were two 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 Tuesday 28 January at 15:28, with a recorded level of 7.7 mm/s PPV. It is worth noting that both exceedances at this location were recorded within the same 20-minute period. Therefore, this was likely caused by site activity taking place within the sensor. Due to the works taking place at this location during the monitoring period, this was likely caused by the installation of pile caps & beams at Block E1. This will continue to be monitored.