

Architectural & Environmental Acousticians Noise & Vibration Engineers

Holloway Park, London

Construction Monitoring Report

| Client: | London Square |
|----------|--|
| Ref: | CM69-22405-R0 |
| Date: | 30 January 2024 |
| Note by: | Anthony Coraci, MSc DipIOA MIOA, Senior Acoustics Consultant |

1. INTRODUCTION

1.1 This Technical Note sets out results of the construction monitoring being carried out at the above site between Monday 22nd January and Saturday 27th January 2024. The monitoring is being carried out in accordance with the methodology set out in the Cass Allen response (reference LR03-22405-R0 dated 27 October 2023) to a S60 warning letter issued to Downwell Demolition Ltd.

2. WEEKLY ACTIVITIES

2.1 The following activities have been carried out onsite this week:

Horizon

• Crushing crush to Type 1

Kesel

Refurbishment of site welfare cabins

Trident

• Installing electrics and water supplies to the welfare cabins

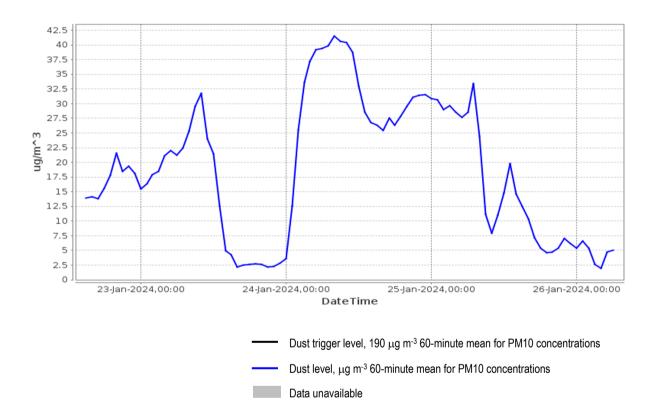


3. MONITORING DATA

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

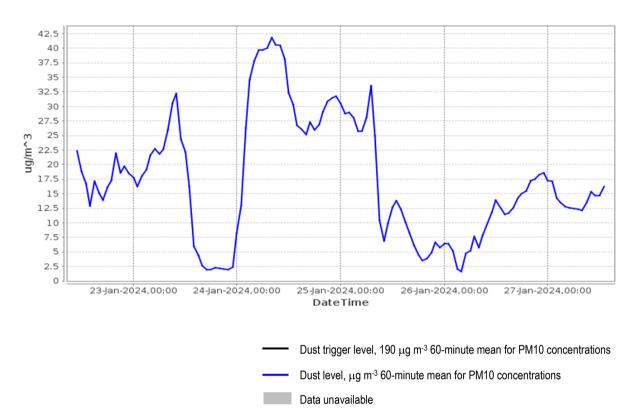
Location 1



3.2 There was 60% data coverage at Location 1 for the monitoring period covered by this report. A faulty cable was identified at this monitoring location, which Cass Allen replaced on 29th January 2024. The missing data was likely to have been caused either by the fault with the cable, or battery outages. It is expected that normal data collection will resume going forward, due to the faulty cable having been replaced.



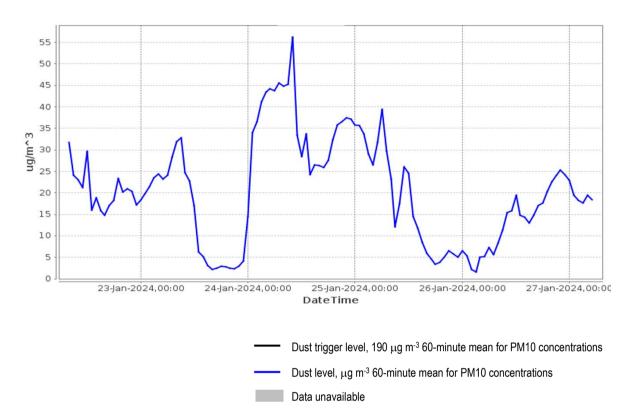
Location 2



3.3 There was 96% data coverage at Location 2 during construction hours for the monitoring period covered by this report. The monitor was offline for the first two working hours of Monday 22nd January, before the battery change was completed. No exceedances of the project dust criteria of 190 micrograms per cubic meter were recorded during the monitoring period covered by this report.



Location 3



3.4 There was 91% data coverage at Location 3 for the monitoring period covered by this report. The monitor was offline on Saturday 27th January due to a drained battery (this has since been resolved). No exceedances of the project dust criteria of 190 micrograms per cubic meter were recorded during the monitoring period covered by this report.



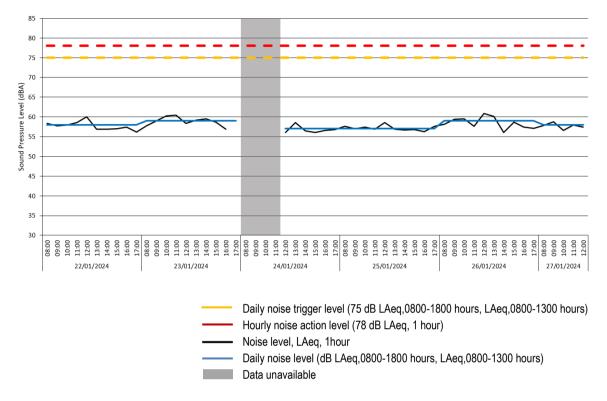
Noise Monitoring Results

Location 1 - Raw Data

| # Daga | dhand Docults | | | | | |
|---------|---------------|------------|---------------|-------------|--------------------|-----------|
| # Broad | dband Results | Time | LAss (Contra) | 10(7) | 1 A = = (4 O = =) | |
| | Date | Time | LAeq(60min) | LAeq(7hr) | LAeq(10hr) | LAeq(5hr) |
| | [YYYY-MM-DD] | [hh:mm:ss] | [dB] | [dB] | [dB] | [dB] |
| | 2024-01-22 | 09:00:00 | 58.3 | | | |
| | 2024-01-22 | 10:00:00 | 57.7 | | | |
| | 2024-01-22 | 11:00:00 | 57.9 | | | |
| | 2024-01-22 | 12:00:00 | 58.6 | - • - | | |
| | 2024-01-22 | 13:00:00 | 60.0 | | | |
| | 2024-01-22 | 14:00:00 | 56.9 | | | |
| | 2024-01-22 | 15:00:00 | 56.9 | | | |
| | 2024-01-22 | 16:00:00 | 57.0 | | | |
| | 2024-01-22 | 17:00:00 | 57.4 | - • - · · · | | |
| | 2024-01-22 | 18:00:00 | 56.2 | | 57.8 | |
| | 2024-01-23 | 09:00:00 | 57.7 | | | |
| | 2024-01-23 | 10:00:00 | 59.0 | | | |
| | 2024-01-23 | 11:00:00 | 60.2 | | | |
| | 2024-01-23 | 12:00:00 | 60.4 | | | |
| | 2024-01-23 | 13:00:00 | 58.4 | | | |
| | 2024-01-23 | 14:00:00 | 59.2 | | | |
| | 2024-01-23 | 15:00:00 | 59.5 | | | |
| | 2024-01-23 | 16:00:00 | 58.7 | | | |
| | 2024-01-23 | 17:00:00 | 56.9 | | | |
| | 2024-01-24 | 13:00:00 | 56.1 | | | |
| | 2024-01-24 | 14:00:00 | 58.6 | | | |
| | 2024-01-24 | 15:00:00 | 56.5 | | | |
| | 2024-01-24 | 16:00:00 | 56.1 | | | |
| | 2024-01-24 | 17:00:00 | 56.6 | | | |
| | 2024-01-24 | 18:00:00 | 56.8 | | | |
| | 2024-01-25 | 09:00:00 | 57.6 | | | |
| | 2024-01-25 | 10:00:00 | 57.0 | | | |
| | 2024-01-25 | 11:00:00 | 57.4 | | | |
| | 2024-01-25 | 12:00:00 | 56.9 | | | |
| | 2024-01-25 | 13:00:00 | 58.6 | | | |
| | 2024-01-25 | 14:00:00 | 56.9 | | | |
| | 2024-01-25 | 15:00:00 | 56.7 | | | |
| | 2024-01-25 | 16:00:00 | 56.8 | | | |
| | 2024-01-25 | 17:00:00 | 56.3 | | | |
| | 2024-01-25 | 18:00:00 | 57.6 | | 57.2 | |
| | 2024-01-26 | 09:00:00 | 58.1 | | | |
| | 2024-01-26 | 10:00:00 | 59.4 | | | |
| | 2024-01-26 | 11:00:00 | 59.5 | | | |
| | 2024-01-26 | 12:00:00 | 57.6 | | | |
| | 2024-01-26 | 13:00:00 | 60.9 | | | |
| | 2024-01-20 | 14:00:00 | 60.1 | | | |
| | 2024-01-20 | 15:00:00 | 56.1 | | | |
| | 2024-01-20 | 16:00:00 | 58.7 | | | |
| | 2024-01-26 | 17:00:00 | 57.4 | | | |
| | 2024-01-26 | 18:00:00 | 57.4 | | 58.7 | |
| | | | | | | |
| | 2024-01-27 | 09:00:00 | 57.8 | | | |
| | 2024-01-27 | 10:00:00 | 58.8 | | | |
| | 2024-01-27 | 11:00:00 | 56.6 | | | |
| | 2024-01-27 | 12:00:00 | 57.9 | | | |
| | 2024-01-27 | 13:00:00 | 57.4 | | | 57.8 |







3.5 There was 93% data coverage at Location 1 for the monitoring period covered by this report. The monitor was offline between 08:00 & 11:00 on Wednesday 24th January due to a drained battery. No exceedances of the project hourly noise criteria of 78 dB LAeq nor the daily project noise limit of 75 dB LAeq (0800-1800 hours) were recorded during the monitoring period covered by this report.



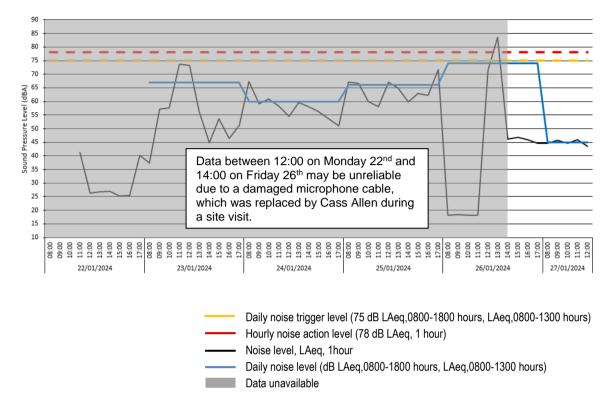
Location 2 - Raw Data

Broadband Results

| idanu Results | | | | |
|--------------------------|------------|------------|--|-----------|
| Date | Time | LAeq(60mir | | LAeq(5hr) |
| [YYYY-MM-DD] | [hh:mm:ss] | [dB] | [dB] | [dB] |
| 2024-01-22 | 12:00:00 | 41.3 | | |
| 2024-01-22 | 13:00:00 | 26.3 | | |
| 2024-01-22 | 14:00:00 | 26.8 | | |
| 2024-01-22 | 15:00:00 | 26.9 | | |
| 2024-01-22 | 16:00:00 | 25.3 | | |
| 2024-01-22 | 17:00:00 | 25.5 | | |
| 2024-01-22 | 18:00:00 | 40.1 | | |
| 2024-01-23 | 09:00:00 | 27.2 | • | |
| 2024-01-23 | 10:00:00 | | ata between 12:00 on Mo | |
| 2024-01-23 | 11:00:00 | al | nd 14:00 on Friday 26 th ma | |
| | | | reliable due to a damage | |
| 2024-01-23 | 12:00:00 | | icrophone cable, which w | |
| 2024-01-23 | 13:00:00 | | Cass Allen during a site | |
| 2024-01-23 | 14:00:00 | 56.2 | | |
| 2024-01-23 | 15:00:00 | 44.9 | | |
| 2024-01-23 | 16:00:00 | 53.7 | - · - | |
| 2024-01-23 | 17:00:00 | 46.3 | | |
| 2024-01-23 | 18:00:00 | 51.3 | 66.7 | |
| 2024-01-24 | 09:00:00 | 67.2 | | |
| 2024-01-24 | 10:00:00 | 59.1 | | |
| 2024-01-24 | 11:00:00 | 61.0 | | |
| 2024-01-24 | 12:00:00 | 58.2 | | |
| 2024-01-24 | 13:00:00 | 54.5 | | |
| 2024-01-24 | 14:00:00 | 59.6 | | |
| 2024-01-24 | 15:00:00 | 58.1 | | |
| 2024-01-24 | 16:00:00 | 56.3 | | |
| 2024-01-24 | 17:00:00 | 53.7 | | |
| 2024-01-24 | 18:00:00 | 51.0 | 60.2 | |
| 2024-01-25 | 09:00:00 | 67.1 | | |
| 2024-01-25 | 10:00:00 | 66.6 | | |
| 2024-01-25 | 11:00:00 | 60.0 | | |
| 2024-01-25 | 12:00:00 | 58.1 | | |
| 2024-01-25 | 13:00:00 | 67.0 | | |
| | 14:00:00 | 64.9 | | |
| 2024-01-25 2024-01-25 | | | | |
| | 15:00:00 | 59.8 | | |
| 2024-01-25 | 16:00:00 | 62.8 | | |
| 2024-01-25 | 17:00:00 | 62.2 | | - · · · |
| 2024-01-25 | 18:00:00 | 71.7 | 65.9 | |
| 2024-01-26 | 09:00:00 | 18.2 | | |
| 2024-01-26 | 10:00:00 | 18.3 | | |
| 2024-01-26 | 11:00:00 | 18.2 | | |
| 2024-01-26 | 12:00:00 | 18.2 | | |
| 2024-01-26 | 13:00:00 | 71.4 | | |
| 2024-01-26 | 14:00:00 | 83.6 | | |
| 2024-01-26 | 15:00:00 | 46.1 | | |
| 2024-01-26 | 16:00:00 | 46.7 | | |
| 2024-01-26 | 17:00:00 | 45.9 | | |
| 2024-01-26 | 18:00:00 | 44.6 | 73.9 | |
| 2024-01-27 | 09:00:00 | 44.5 | | |
| 2024-01-27 | 10:00:00 | 45.7 | | |
| 2024-01-27 | 11:00:00 | 44.5 | | |
| 2024-01-27 | 12:00:00 | 45.9 | | |
| 2024-01-27 | 13:00:00 | 43.6 | | 44.9 |
| 2024-01-21 | 10.00.00 | 40.0 | · • - | 44.2 |



Location 2 - Time History Data



3.6 There was 93% data coverage at Location 2 for the monitoring period covered by this report. However, data between 12:00 on Monday 22nd and 14:00 on Friday 26th not accurately recorded due to a damaged microphone cable, which was resolved by Cass Allen during a site visit on Friday 26th. Consequently, it is expected that normal data collection will take place going forward. No exceedances of the project hourly noise criteria of 78 dB LAeq nor the daily project noise limit of 75 dB LAeq (0800-1800 hours) were recorded during the monitoring period covered by this report.

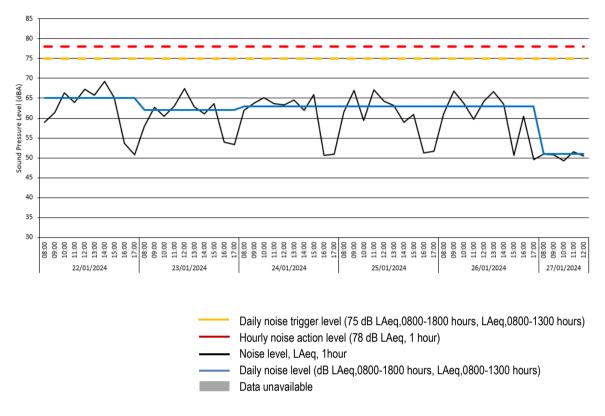


Location 3 - Raw Data

| # Broadband Results | | | | |
|---------------------|------------|--------------|------------|-----------|
| Date | Time | LAeq(60min) | LAeq(10hr) | LAeq(5hr) |
| [YYYY-MM-DD] | [hh:mm:ss] | [dB] | [dB] | [dB] |
| 2024-01-22 | 09:00:00 | 58.9 | | |
| 2024-01-22 | 10:00:00 | 61.4 | | |
| 2024-01-22 | | 66.3 | | |
| | 11:00:00 | | | |
| 2024-01-22 | 12:00:00 | 63.9 | | |
| 2024-01-22 | 13:00:00 | 67.3 | | - · · |
| 2024-01-22 | 14:00:00 | 65.7 | | |
| 2024-01-22 | 15:00:00 | 69.2 | | |
| 2024-01-22 | 16:00:00 | 65.1 | | |
| 2024-01-22 | 17:00:00 | 53.7 | | |
| 2024-01-22 | 18:00:00 | 50.8 | 64.7 | |
| 2024-01-23 | 09:00:00 | 57.9 | | |
| 2024-01-23 | 10:00:00 | 62.7 | | |
| 2024-01-23 | 11:00:00 | 60.4 | | |
| 2024-01-23 | 12:00:00 | 63.0 | | |
| 2024-01-23 | 13:00:00 | 67.4 | | |
| 2024-01-23 | 14:00:00 | 62.9 | | |
| 2024-01-23 | 15:00:00 | 61.1 | | |
| 2024-01-23 | 16:00:00 | 63.7 | | |
| 2024-01-23 | 17:00:00 | 54.0 | | |
| 2024-01-23 | 18:00:00 | 53.4 | 62.3 | |
| 2024-01-24 | 09:00:00 | 61.9 | | |
| 2024-01-24 | 10:00:00 | 63.8 | | |
| 2024-01-24 | 11:00:00 | 65.2 | | |
| 2024-01-24 | 12:00:00 | 63.6 | | |
| 2024-01-24 | 13:00:00 | 63.4 | | |
| | | | | |
| 2024-01-24 | 14:00:00 | 64.5 | | |
| 2024-01-24 | 15:00:00 | 61.9 | | |
| 2024-01-24 | 16:00:00 | 65.9 | | |
| 2024-01-24 | 17:00:00 | 50.6 | | |
| 2024-01-24 | 18:00:00 | 50.9 | 63.1 | |
| 2024-01-25 | 09:00:00 | 61.5 | | |
| 2024-01-25 | 10:00:00 | 67.0 | - • - | |
| 2024-01-25 | 11:00:00 | 59.4 | | |
| 2024-01-25 | 12:00:00 | 67.1 | | |
| 2024-01-25 | 13:00:00 | 64.2 | | |
| 2024-01-25 | 14:00:00 | 63.2 | | |
| 2024-01-25 | 15:00:00 | 58.9 | | |
| 2024-01-25 | 16:00:00 | 60.9 | | |
| 2024-01-25 | 17:00:00 | 51.2 | | |
| 2024-01-25 | 18:00:00 | 51.6 | 62.9 | |
| 2024-01-26 | 09:00:00 | 61.1 | | |
| 2024-01-26 | 10:00:00 | 66.8 | | |
| 2024-01-26 | 11:00:00 | 63.6 | | |
| 2024-01-26 | 12:00:00 | 59.7 | | |
| 2024-01-26 | 13:00:00 | 64.3 | | |
| 2024-01-26 | 14:00:00 | 66.7 | | |
| 2024-01-26 | 15:00:00 | 63.5 | | |
| 2024-01-26 | 16:00:00 | 50.6 | | |
| 2024-01-26 | 17:00:00 | 60.4 | | |
| 2024-01-26 | 18:00:00 | 49.5 | 63.1 | |
| 2024-01-20 | 09:00:00 | 50.9 | | |
| 2024-01-27 | 10:00:00 | 50.8 | | |
| 2024-01-27 | 11:00:00 | 49.2 | | |
| 2024-01-27 | 12:00:00 | 49.2 51.5 | | |
| | | | | F0 6 |
| 2024-01-27 | 13:00:00 | 50.5 | | 50.6 |







3.7 There was 100% data coverage at Location 3 for the monitoring period covered by this report. No exceedances of the project hourly noise criteria of 78 dB LAeq nor the daily project noise limit of 75 dB LAeq (0800-1800 hours) were recorded during the monitoring period covered by this report.



Vibration Monitoring Results

Location 1 - Raw data

| Measuring point: | Period: | | Order | Value | Date | Time |
|-------------------|------------|-----------------|-------|------------|------------|-------|
| Holloway - L1 | 22/01/2024 | 4 to 27/01/2024 | 1 | 0.92 | 23/01/2024 | 14:38 |
| | | | 2 | 0.30 | 23/01/2024 | 15:42 |
| Criteria mm/s PVS | Exceedance | 3 | 0.30 | 24/01/2024 | 09:49 | |
| 1.0 | 0 | | 4 | 0.29 | 24/01/2024 | 10:21 |
| | | | 5 | 0.29 | 23/01/2024 | 14:05 |
| | | | 6 | 0.28 | 23/01/2024 | 14:41 |
| | | | 7 | 0.28 | 22/01/2024 | 11:02 |
| | | | 8 | 0.27 | 24/01/2024 | 13:38 |
| | | | 9 | 0.27 | 23/01/2024 | 11:02 |
| | | | 10 | 0.27 | 23/01/2024 | 14:18 |

Location 1 – Time-history graph



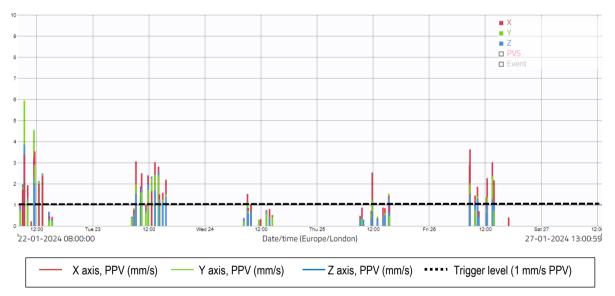
3.8 There was 100% data coverage at Location 1 for the monitoring period covered by this report. There were no exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above.



Location 2 - Raw data

| Measuring point: | | Period: | | Order | Value | Date | Time | Order | Value | Date | Time | Order | Value | Date | Time |
|------------------|---------|-----------|------------------|-------|-------|------------|-------|-------|-------|----------|-------|-------|-------|----------|-------|
| Holloway - L2 | | 22/01/202 | 24 to 27/01/2024 | 1 | 6.49 | 22/01/2024 | 09:24 | 31 | 2.62 | 23/01/20 | 12:58 | 61 | 2.00 | 22/01/20 | 12:01 |
| | | | | 2 | 5.21 | 22/01/2024 | 11:27 | 32 | 2.55 | 22/01/20 | 12:32 | 62 | 1.99 | 23/01/20 | 13:11 |
| Criteria mn | n/s PVS | Exceedanc | es | 3 | 3.75 | 22/01/2024 | 09:23 | 33 | 2.55 | 25/01/20 | 11:51 | 63 | 1.94 | 23/01/20 | 11:43 |
| 1 | | 347 | | 4 | 3.72 | 22/01/2024 | 11:31 | 34 | 2.52 | 23/01/20 | 13:12 | 64 | 1.89 | 22/01/20 | 13:05 |
| | | | | 5 | 3.70 | 26/01/2024 | 08:46 | 35 | 2.51 | 26/01/20 | 08:46 | 65 | 1.87 | 23/01/20 | 09:27 |
| | | | | 6 | 3.62 | 26/01/2024 | 13:34 | 36 | 2.50 | 22/01/20 | 09:03 | 66 | 1.84 | 26/01/20 | 08:44 |
| | | | | 7 | 3.59 | 22/01/2024 | 11:37 | 37 | 2.46 | 26/01/20 | 12:26 | 67 | 1.84 | 25/01/20 | 15:24 |
| | | | | 8 | 3.54 | 22/01/2024 | 11:21 | 38 | 2.42 | 22/01/20 | 11:17 | 68 | 1.83 | 22/01/20 | 12:07 |
| | | | | 9 | 3.54 | 22/01/2024 | 11:24 | 39 | 2.39 | 26/01/20 | 12:58 | 69 | 1.83 | 25/01/20 | 15:22 |
| | | | | 10 | 3.54 | 22/01/2024 | 11:46 | 40 | 2.34 | 23/01/20 | 15:42 | 70 | 1.82 | 22/01/20 | 12:09 |
| | | | | 11 | 3.30 | 22/01/2024 | 11:33 | 41 | 2.33 | 26/01/20 | 13:54 | 71 | 1.81 | 23/01/20 | 09:07 |
| | | | | 12 | 3.21 | 23/01/2024 | 13:21 | 42 | 2.33 | 22/01/20 | 11:28 | 72 | 1.80 | 22/01/20 | 12:13 |
| | | | | 13 | 3.19 | 23/01/2024 | 14:07 | 43 | 2.33 | 23/01/20 | 10:42 | 73 | 1.80 | 23/01/20 | 15:01 |
| | | | | 14 | 3.13 | 23/01/2024 | 09:17 | 44 | 2.29 | 22/01/20 | 11:25 | 74 | 1.80 | 23/01/20 | 11:47 |
| | | | | 15 | 3.11 | 22/01/2024 | 11:37 | 45 | 2.29 | 23/01/20 | 15:26 | 75 | 1.79 | 23/01/20 | 15:29 |
| | | | | 16 | 3.03 | 23/01/2024 | 13:21 | 46 | 2.17 | 26/01/20 | 08:50 | 76 | 1.78 | 26/01/20 | 09:19 |
| | | | | 17 | 3.02 | 23/01/2024 | 09:19 | 47 | 2.17 | 23/01/20 | 11:50 | 77 | 1.78 | 23/01/20 | 13:22 |
| | | | | 18 | 2.96 | 22/01/2024 | 09:22 | 48 | 2.15 | 23/01/20 | 12:56 | 78 | 1.77 | 22/01/20 | 12:29 |
| | | | | 19 | 2.95 | 22/01/2024 | 11:43 | 49 | 2.14 | 22/01/20 | 13:00 | 79 | 1.76 | 23/01/20 | 14:18 |
| | | | | 20 | 2.92 | 26/01/2024 | 08:38 | 50 | 2.14 | 26/01/20 | 13:48 | 80 | 1.76 | 23/01/20 | 13:15 |
| | | | | 21 | 2.90 | 26/01/2024 | 08:38 | 51 | 2.14 | 26/01/20 | 10:22 | 81 | 1.74 | 22/01/20 | 09:50 |
| | | | | 22 | 2.82 | 22/01/2024 | 11:18 | 52 | 2.12 | 22/01/20 | 10:08 | 82 | 1.74 | 23/01/20 | 10:21 |
| | | | | 23 | 2.81 | 23/01/2024 | 11:53 | 53 | 2.09 | 22/01/20 | 12:42 | 83 | 1.73 | 22/01/20 | 12:03 |
| | | | | 24 | 2.75 | 23/01/2024 | 14:05 | 54 | 2.07 | 22/01/20 | 12:03 | 84 | 1.73 | 23/01/20 | 09:36 |
| | | | | 25 | 2.71 | 22/01/2024 | 13:18 | 55 | 2.07 | 23/01/20 | 13:12 | 85 | 1.72 | 23/01/20 | 10:29 |
| | | | | 26 | 2.70 | 23/01/2024 | 10:31 | 56 | 2.06 | 22/01/20 | 12:06 | 86 | 1.72 | 23/01/20 | 09:22 |
| | | | | 27 | 2.70 | 22/01/2024 | 09:32 | 57 | 2.06 | 23/01/20 | 12:43 | 87 | 1.69 | 23/01/20 | 14:01 |
| | | | | 28 | 2.68 | 22/01/2024 | 13:12 | 58 | 2.02 | 23/01/20 | 15:45 | 88 | 1.68 | 23/01/20 | 10:44 |
| | | | | 29 | 2.65 | 23/01/2024 | 12:39 | 59 | 2.02 | 23/01/20 | 10:18 | 89 | 1.68 | 22/01/20 | 12:10 |
| | | | | 30 | 2.63 | 26/01/2024 | 13:26 | 60 | 2.00 | 26/01/20 | 09:19 | 90 | 1.66 | 23/01/20 | 15:14 |

Location 2 – Time-history graph

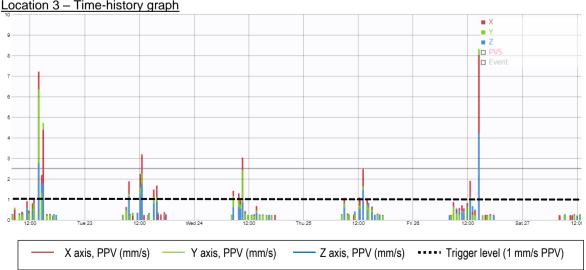




3.9 There was 100% data coverage at Location 2 for the monitoring period covered by this report. There were 347 exceedances of the project vibration trigger level of 1 mm/s PPV, a selection of which is shown in the raw data and graph above. It is understood that the majority of exceedances were likely to have been caused by processing equipment within the proximity of the monitor. However, to demonstrate BPM, the site team relocated the crush heap to a less sensitive area on site, so as to reduce the number of exceedances. Furthermore, it is our understanding that one of the residents behind the monitoring location has some form of workshop with power tools at the rear of their garden. Any operation of these tools could also generate vibration alerts.

| Measuring point: | | Period: | | Order | | Date | Time | Order | Value | Date | Time | Order | Value | Date | Time |
|------------------|---------|-----------|------------------|-------|-------|------------|-------|-------|-------|----------|-------|-------|-------|----------|-------|
| Holloway - L3 | | 22/01/20 | 24 to 27/01/2024 | 1 | 11.35 | 26/01/2024 | 14:30 | 31 | 1.91 | 22/01/20 | 14:41 | 61 | 1.14 | 22/01/20 | 14:01 |
| | | | | 2 | 9.23 | 22/01/2024 | 13:57 | 32 | 1.86 | 22/01/20 | 14:38 | 62 | 1.13 | 24/01/20 | 08:53 |
| Criteria m | m/s PVS | Exceedanc | es | 3 | 6.10 | 22/01/2024 | 14:57 | 33 | 1.84 | 24/01/20 | 08:38 | 63 | 1.13 | 25/01/20 | 12:20 |
| 1 | | 69 | | 4 | 4.72 | 22/01/2024 | 14:59 | 34 | 1.84 | 23/01/20 | 15:12 | 64 | 1.11 | 22/01/20 | 11:23 |
| | | | | 5 | 4.11 | 23/01/2024 | 12:35 | 35 | 1.82 | 22/01/20 | 14:38 | 65 | 1.08 | 26/01/20 | 08:56 |
| | | | | 6 | 3.67 | 24/01/2024 | 10:39 | 36 | 1.82 | 22/01/20 | 14:38 | 66 | 1.03 | 26/01/20 | 11:57 |
| | | | | | 3.37 | 26/01/2024 | | | 1.80 | 23/01/20 | 12:42 | | 1.03 | 25/01/20 | 14:15 |
| | | | | | 3.32 | 22/01/2024 | 15:00 | | 1.76 | 25/01/20 | 13:31 | 68 | 1.01 | 22/01/20 | 12:36 |
| | | | | 9 | 3.09 | 22/01/2024 | 14:02 | 39 | 1.74 | 23/01/20 | 12:30 | 69 | 1.01 | 23/01/20 | 15:10 |
| | | | | | 2.82 | 22/01/2024 | | | 1.63 | 22/01/20 | | | | | |
| | | | | | 2.78 | 23/01/2024 | 12:14 | | 1.58 | 22/01/20 | 15:01 | | | | |
| | | | | | 2.75 | 25/01/2024 | | | 1.55 | 24/01/20 | | | | | |
| | | | | | 2.74 | 22/01/2024 | | | 1.46 | 23/01/20 | | | | | |
| | | | | | 2.57 | 22/01/2024 | | | 1.45 | 23/01/20 | | | | | |
| | | | | | 2.51 | 23/01/2024 | | | 1.41 | 23/01/20 | | | | | |
| | | | | | 2.47 | 25/01/2024 | | | 1.36 | 25/01/20 | | | | | |
| | | | | | 2.41 | 22/01/2024 | | | 1.30 | 23/01/20 | | | | | |
| | | | | | 2.40 | 22/01/2024 | | | 1.29 | 22/01/20 | | | | | |
| | | | | | 2.33 | 22/01/2024 | | | 1.29 | 25/01/20 | | | | | |
| | | | | | 2.27 | 22/01/2024 | | | 1.27 | 24/01/20 | | | | | |
| | | | | | 2.26 | 23/01/2024 | | | 1.26 | 25/01/20 | | | | | |
| | | | | | 2.21 | 23/01/2024 | | | 1.26 | 22/01/20 | | | | | |
| | | | | | 2.15 | 23/01/2024 | | | 1.25 | 23/01/20 | | | | | |
| | | | | | 2.12 | 26/01/2024 | | | 1.21 | 24/01/20 | | | | | |
| | | | | | 2.05 | 22/01/2024 | | | 1.19 | 23/01/20 | | | | | |
| | | | | | 2.04 | 22/01/2024 | | | 1.18 | 25/01/20 | | | | | |
| | | | | | 1.99 | 23/01/2024 | | | 1.18 | 23/01/20 | | | | | |
| | | | | | 1.95 | 23/01/2024 | | | 1.16 | 23/01/20 | | | | | |
| | | | | | 1.93 | 22/01/2024 | | | 1.15 | 24/01/20 | | | | | |
| | | | | 30 | 1.91 | 22/01/2024 | 14:00 | 60 | 1.15 | 24/01/20 | 08:43 | | | | |

Location 3 - Raw data



Location 3 - Time-history graph

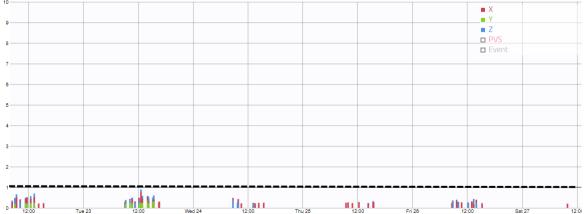


3.10 There was 100% data coverage at Location 3 for the monitoring period covered by this report. There were 69 exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above. The two largest exceedances recorded in the raw data overpage (11.35 mm/s on the 26th January and 9.23 mm/s on the 22nd January) were caused by site operatives changing batteries and can therefore be disregarded. The vast majority of the remaining exceedances are being caused by plant vehicles travelling along the haulage road which is directly in front of where the vibration monitor is currently located. These movements are unavoidable and there are no reasonably practicable measures that the site team can implement to reduce these emissions at this time.

Location 4 - Raw data

| Measuring point: | Period: | | Order | Value | Date | Time |
|-------------------|-----------|------------------|-------|------------|------------|-------|
| Holloway - L4 | 22/01/202 | 24 to 27/01/2024 | 1 | 1.00 | 23/01/2024 | 12:39 |
| | | | 2 | 0.77 | 22/01/2024 | 09:24 |
| Criteria mm/s PVS | Exceedanc | 3 | 0.76 | 22/01/2024 | 13:18 | |
| 1 | 0 | | 4 | 0.65 | 23/01/2024 | 12:58 |
| | | | 5 | 0.65 | 22/01/2024 | 09:23 |
| | | | 6 | 0.64 | 23/01/2024 | 14:05 |
| | | | 7 | 0.63 | 23/01/2024 | 15:26 |
| | | | 8 | 0.62 | 23/01/2024 | 14:07 |
| | | | 9 | 0.62 | 22/01/2024 | 12:32 |
| | | | 10 | 0.57 | 23/01/2024 | 10:13 |
| | | | | | | |

Location 4 - Time-history graph



^{3.11} There was 100% data coverage at Location 4 for the monitoring period covered by this report. There were no exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above.