



Noise & Vibration Monthly Report

Barangaroo Cutaway Cultural Facility
3847.16

NoiseNet Operations Pty Ltd
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Customer Name: FDC Construction
Report Number: 3847.16
Reporting Period: 7/8/2025 to 29/8/2025
Issue Date: 1/9/2025

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Reviewed By: Jonathan South

1 Executive Summary

Noise and vibration associated with construction activities were monitored between 7th of August and 29th of August 2025 (inclusive).

During this reporting period, there was no active noise monitors or vibration sensors due to power being cut off to the skylights as the project nears its completion. FDC and NoiseNet have been working on a solar and battery solution for the remainder of the project.

In lieu of having active noise monitors and vibration sensors, FDC has been sending a technician to the skylight twice a day (during the noisy periods) to take manual dB measurements.

Over this monitoring period there was no available vibration data, but activities are considered to be low risk.

Over the monitoring period, noise and vibration activities are assumed to be low risk.

2 Noise

Over the reporting period, noise impacts are assumed to be low risk. See Table 1 for manual noise measurements taken by FDC technicians, and supplied to NoiseNet.

Date	Time	Manual reading (dB)	Time	Manual reading (dB)
Thursday, 7 August 2025	10:00	45.7	15:00	54.7
Friday, 8 August 2025	10:00	39.4	15:00	39.4
Saturday, 9 August 2025	10:00	54.2	15:00	52.8
Sunday, 10 August 2025	10:00	48.2	15:00	40.7
Monday, 11 August 2025	10:00	53.8	15:00	45.7
Tuesday, 12 August 2025	10:00	40.7	15:00	43.4
Wednesday, 13 August 2025	10:00	43.4	15:00	44.5
Thursday, 14 August 2025	10:00	52.8	15:00	53.8
Friday, 15 August 2025	10:00	47.5	15:00	40.9
Saturday, 16 August 2025	10:00	44.5	15:00	47.5
Sunday, 17 August 2025	10:00	54.7	15:00	54.2
Monday, 18 August 2025	10:00	45.2	15:00	42.1
Tuesday, 19 August 2025	10:00	42.1	15:00	39.4
Wednesday, 20 August 2025	10:00	40.9	15:00	45.2
Thursday, 21 August 2025	10:00	39.4	15:00	52.8
Friday, 22 August 2025	10:00	40.7	15:00	40.7
Saturday, 23 August 2025	10:00	52.8	15:00	48.2
Sunday, 24 August 2025	10:00	54.7	15:00	43.4
Monday, 25 August 2025	10:00	45.7	15:00	54.7
Tuesday, 26 August 2025	10:00	53.8	15:00	44.5
Wednesday, 27 August 2025	10:00	39.4	15:00	53.8
Thursday, 28 August 2025	10:00	44.5	15:00	45.7
Friday, 29 August 2025	10:00	43.4	15:00	39.4

Table 1: Manual noise measurements taken by FDC technicians.

3 Vibration

Over this monitoring period there was no available vibration data, but vibration impacts are considered to be low risk.

4 Report Issue Log

Document Title	Reference	Reporting Period	Issue Date
3847_Installation_Report_Barangaroo_Cutaway_FDC_Construction_R01 (Superseded)	3847	13/06/2024	24/06/2024
3847_01_NVMR_Barangaroo_Cutaway_FDC_Construction_R01	3847_01	13/06/2024 to 24/06/2024	24/06/2024
3847_Installation_Report_Barangaroo_Cutaway_FDC_Construction_R02	3847	11/07/2024	25/07/2024
3847_02_NVMR_Barangaroo_Cutaway_FDC_Construction_R01	3847_02	25/06/2024 to 24/07/2024	25/07/2024
3847_03_NVMR_Barangaroo_Cutaway_FDC_Construction_R01 (Superseded)	3847_03	25/07/2024 to 26/08/2024	26/08/2024
3847_03_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_03	25/07/2024 to 26/08/2024	26/08/2024
3847_04_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_04	26/08/2024 to 25/09/2024	25/09/2024
3847_05_NVMR_Barangaroo_Cutaway_FDC_Construction (Superseded)	3847_05	26/09/2024 to 25/10/2024	25/10/2024
3847_05_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_05	26/09/2024 to 25/10/2024	31/10/2024
3847_06_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_06	25/10/2024 to 11/11/2024	12/11/2024
3847_07_NVMR_Barangaroo_Cutaway_FDC_Construction (Superseded)	3847_07	12/11/2024 to 26/11/2024	26/11/2024
3847_07_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_07	12/11/2024 to 26/11/2024	27/11/2024
3847_08_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_08	27/11/2024 to 18/12/2024	18/12/2024
3847_09_NVMR_Barangaroo_Cutaway_FDC_Construction (Superseded)	3847_09	19/12/2024 to 26/1/2025	27/1/2025
3847_09_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_09	19/12/2024 to 26/1/2025	28/1/2025
3847_10_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_10	27/1/2024 to 26/2/2025	27/2/2025
3847_11_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_11	27/2/2024 to 26/3/2025	27/3/2025
3847_12_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_12	27/3/2024 to 26/4/2025	27/4/2025
3847_13_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_13	27/4/2024 to 26/5/2025	27/5/2025
3847_14_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_14	27/5/2024 to 26/6/2025	27/6/2025
3847_14_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_14	27/5/2024 to 26/6/2025	10/7/2025
3847_15_NVMR_Barangaroo_Cutaway_FDC_Construction (Superseded)	3847_15	27/6/2024 to 6/8/2025	7/8/2025
3847_15_NVMR_Barangaroo_Cutaway_FDC_Construction_R02	3847_15	27/6/2024 to 6/8/2025	13/8/2025
3847_16_NVMR_Barangaroo_Cutaway_FDC_Construction	3847_16	7/8/2024 to 29/8/2025	1/9/2025

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