

Project Name: Westmead Hospital - CHW Stage 2 Paediatric Services building
Monthly Report: 01/08/23 - 01/09/23

Monitoring Locations: Two monitoring locations have been selected as shown in Figure 1 below
Location 1: Portable Office (Noise, Vibration and Dust)
Location 2: Pillar (Noise, Vibration and Dust)

Equipment: Kunak optical dust monitors measuring atmospheric particulate matters PM₁₀, PM_{2.5} and TSP in µg/m³
Data Samples-Resolution: 1 hour

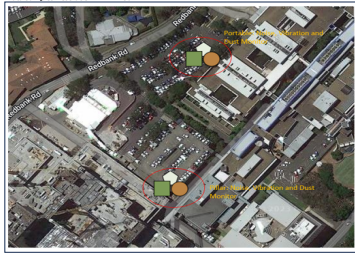
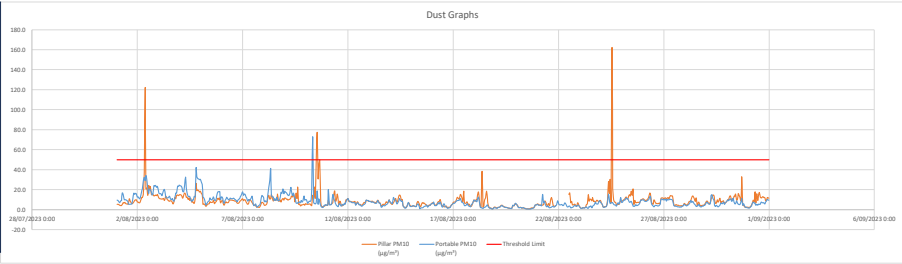


Figure 1: Noise, Vibration and Dust monitoring locations



Date/Time	Pillar TSP(µg/m ³)	Pillar PM10 (µg/m ³)	Pillar PM2.5 (µg/m ³)	Portable TSP(µg/m ³)	Portable PM10(µg/m ³)	Portable PM2.5(µg/m ³)	Threshold Limit	Pillar PM10 Exceedance	Portable PM10 Exceedance
2/08/2023 7:00	34.7	16.6	13.8	37.5	28.8	20.1	50.0	1.0	0.0
2/08/2023 8:00	133.0	37.6	17.3	39.9	33.1	24.6	50.0	1.0	0.0
9/08/2023 14:00	46.5	11.1	8.0	8.8	6.4	3.2	50.0	1.0	0.0
10/08/2023 11:00	53.3	11.9	7.5	17.7	5.9	2.6	50.0	1.0	0.0
10/08/2023 12:00	231.8	47.8	5.5	21.2	7.3	3.6	50.0	4.0	0.0
10/08/2023 13:00	371.1	77.5	5.6	53.1	18.9	3.3	50.0	1.0	0.0
10/08/2023 14:00	345.9	30.9	2.9	16.9	5.4	1.7	50.0	1.0	0.0
10/08/2023 15:00	205.9	44.9	3.8	38.9	11.9	2.1	50.0	1.0	0.0
16/08/2023 8:00	5.1	2.4	2.0	4.3	2.2	1.9	50.0	1.0	0.0
24/08/2023 10:00	41.8	16.3	10.1	17.8	9.2	7.6	50.0	1.0	0.0
24/08/2023 13:00	656.0	162.3	17.5	17.1	7.2	3.4	50.0	1.0	0.0
30/08/2023 16:00	27.7	9.1	3.2	26.1	9.2	3.2	50.0	1.0	0.0

Exceedances recorded during the month of Aug is due to an increase in work activities in close proximity to the monitoring station.

PM10 (µg/m³) - two 15minute period exceedances recorded

PM2.5 (µg/m³) - zero exceedances recorded for the month of Aug.

During the month of August Rco engaged an external training provider to conduct Silica awareness training. Over 60 individuals completed Silica Awareness training during the month of August.

Monitoring Locations: Two monitoring locations have been selected as shown in Figure 1 below
 Location 1: Portable Office (Noise, Vibration and Dust)
 Location 2: Pillar (Noise, Vibration and Dust)

Equipment: ACOEM Fusion 23-0008 & Fusion 23-0009
 Settings: A weighted, Fast, Leq, L10 and L90 and 1/3 octave levels
 Calibration Period: IEC 61672-3:2013 Method, Dated: 02/02/2023
 Data Samples Resolution: 1 hour

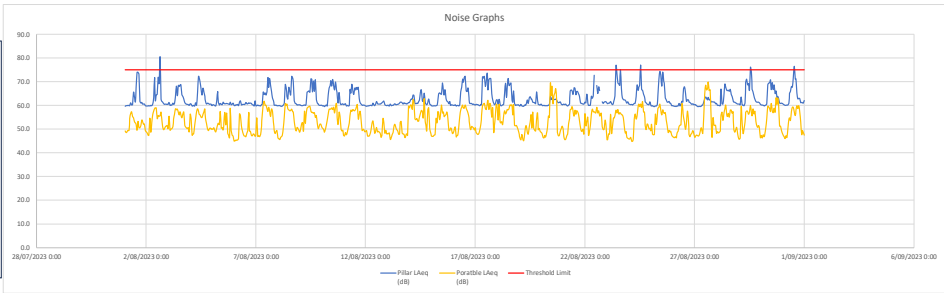
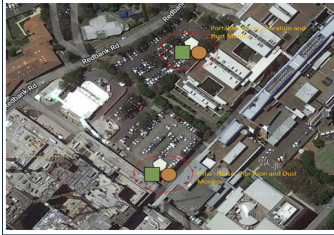


Figure 1: Noise, Vibration and Dust monitoring locations

Date/Time	Pillar LAeq(dB)	Pillar L10(dB)	Pillar L90(dB)	Portable LAeq(dB)	Portable L10(dB)	Portable L90(dB)	Threshold Limit	Pillar LAeq Exceedance	Portable LAeq Exceedance
1/08/2023 15:00	74.0	75.5	72.8	53.3	57.2	45.6	75.0	2.0	0.0
2/08/2023 8:00	63.4	68.0	59.5	57.6	59.1	54.7	75.0	1.0	0.0
2/08/2023 14:00	69.4	79.2	61.0	55.5	59.2	52.0	75.0	3.0	0.0
4/08/2023 9:00	72.4	80.1	60.6	57.6	60.0	53.8	75.0	2.0	0.0
4/08/2023 10:00	71.7	78.3	60.8	56.4	58.9	52.5	75.0	2.0	0.0
7/08/2023 12:00	65.8	69.3	62.2	58.5	61.7	52.7	75.0	1.0	0.0
16/08/2023 12:00	71.7	76.8	61.8	58.9	61.4	54.4	75.0	1.0	0.0
16/08/2023 15:00	65.9	69.4	61.4	57.9	61.0	53.4	75.0	1.0	0.0
17/08/2023 12:00	70.4	73.3	62.8	58.4	60.7	54.0	75.0	1.0	0.0
17/08/2023 15:00	70.9	76.1	62.2	58.4	62.8	52.5	75.0	1.0	0.0
22/08/2023 9:00	64.8	66.3	61.4	57.3	58.8	54.5	75.0	1.0	0.0
23/08/2023 9:00	65.0	69.7	60.7	55.5	60.0	50.7	75.0	1.0	0.0
23/08/2023 10:00	76.6	86.4	62.6	58.1	61.2	51.0	75.0	2.0	0.0
23/08/2023 14:00	68.6	76.3	62.1	56.9	60.3	52.3	75.0	1.0	0.0
24/08/2023 12:00	68.9	70.2	62.3	58.5	63.9	54.8	75.0	1.0	0.0
24/08/2023 13:00	77.1	88.5	62.3	60.7	63.3	54.6	75.0	1.0	0.0
25/08/2023 9:00	71.0	76.9	61.3	59.3	62.0	55.0	75.0	1.0	0.0
25/08/2023 10:00	74.3	80.9	64.6	60.6	66.7	54.4	75.0	1.0	0.0
25/08/2023 12:00	68.1	71.7	63.8	56.0	59.3	51.3	75.0	1.0	0.0
25/08/2023 13:00	74.1	81.1	62.2	58.1	61.5	54.5	75.0	1.0	0.0
28/08/2023 4:00	59.9	60.2	59.2	49.3	50.9	48.0	75.0	1.0	0.0
29/08/2023 10:00	68.7	72.6	63.6	57.6	59.8	53.6	75.0	1.0	0.0
29/08/2023 12:00	66.5	68.6	61.8	57.2	60.0	53.0	75.0	1.0	0.0
29/08/2023 13:00	76.0	82.6	61.8	59.9	62.2	52.5	75.0	2.0	0.0
31/08/2023 12:00	72.1	69.8	61.8	59.1	61.2	55.2	75.0	2.0	0.0
31/08/2023 14:00	71.2	81.3	63.8	55.8	58.5	51.2	75.0	2.0	0.0

Multiple minor exceedances of the 75dB threshold was recorded during the month of Aug. During this period works have been conducted adjacent (< 3m) to the monitor.

 Works conducted: Stripping of false work, installation of pipe work and general housekeeping.



Project Name: Westmead Hospital - CWI Stage 2 Auditors Services building
Monthly Report: 01/06/21 - 01/06/21
Monitoring Locations: Two monitoring locations have been selected as shown in Figure 1 below
Location 1: Portable Office (Noise, Vibration and Dust)
Location 2: Filter (Noise, Vibration and Dust)
Equipment: ACOEM Orion 23-0006 & Orion 23-0007
Settings: 0m A20.5
Sensitivity: 1000 mV/g
Calibration Period: 06/06/2022
Data Sample Interval: 1 hour

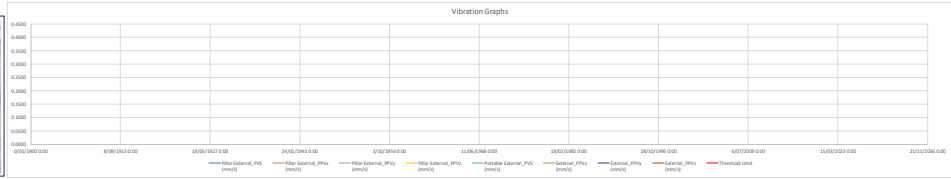
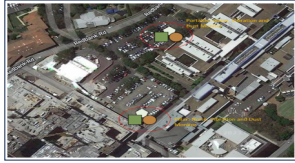


Figure 1: Noise, Vibration and Dust monitoring locations

Date/Time	Filter External_PPV(mm/s)	Filter External_PPV(mm/s)	Filter External_PPV(mm/s)	Filter External_PPV(mm/s)	Portable External_PPV(mm/s)	External_PPV(mm/s)	External_PPV(mm/s)	External_PPV(mm/s)	External_PPV(mm/s)	Threshold Limit	Filter PPV (mm/s) Exceedance	Portable PPV (mm/s) Exceedance
01/06/2021 0:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0

The above threshold exceedance is due to maintenance check conducted on the unit itself.