

Results of Prevailing Background Noise Surveys at 3 Measurement Locations

| Location: M1 | Noise Levels at Noise Measurement Point, dB(A) | | |
|-----------------|--|------|------|
| | LAeq | LA10 | LA90 |
| 20/6/2022 11:00 | 71 | 74 | 66 |
| 20/6/2022 11:30 | 71 | 74 | 65 |
| 20/6/2022 12:00 | 63 | 66 | 58 |
| 20/6/2022 12:30 | 61 | 64 | 58 |
| 20/6/2022 13:00 | 72 | 74 | 67 |
| 20/6/2022 13:30 | 64 | 67 | 60 |
| 20/6/2022 14:00 | 63 | 65 | 60 |
| 20/6/2022 14:30 | 66 | 69 | 61 |
| 20/6/2022 15:00 | 65 | 68 | 61 |
| 20/6/2022 15:30 | 59 | 60 | 58 |
| 20/6/2022 16:00 | 63 | 66 | 60 |
| 20/6/2022 16:30 | 58 | 59 | 58 |
| 20/6/2022 17:00 | 60 | 62 | 58 |
| 20/6/2022 17:30 | 60 | 61 | 58 |
| 20/6/2022 18:00 | 61 | 64 | 58 |
| 20/6/2022 18:30 | 66 | 70 | 61 |
| 20/6/2022 19:00 | 66 | 69 | 60 |
| 20/6/2022 19:30 | 58 | 58 | 57 |
| 20/6/2022 20:00 | 57 | 58 | 57 |
| 20/6/2022 20:30 | 57 | 58 | 57 |
| 20/6/2022 21:00 | 57 | 58 | 57 |
| 20/6/2022 21:30 | 57 | 57 | 57 |
| 20/6/2022 22:00 | 57 | 58 | 57 |
| 20/6/2022 22:30 | 57 | 57 | 57 |
| 20/6/2022 23:00 | 56 | 57 | 56 |
| 20/6/2022 23:30 | 56 | 56 | 55 |
| 21-06-22 00:00 | 55 | 56 | 55 |
| 21/6/2022 0:30 | 55 | 56 | 55 |
| 21/6/2022 1:00 | 54 | 54 | 54 |
| 21/6/2022 1:30 | 54 | 55 | 54 |
| 21/6/2022 2:00 | 54 | 54 | 53 |
| 21/6/2022 2:30 | 53 | 54 | 53 |
| 21/6/2022 3:00 | 53 | 53 | 53 |
| 21/6/2022 3:30 | 53 | 53 | 53 |
| 21/6/2022 4:00 | 53 | 53 | 52 |
| 21/6/2022 4:30 | 53 | 53 | 52 |
| 21/6/2022 5:00 | 56 | 58 | 54 |
| 21/6/2022 5:30 | 75 | 77 | 71 |
| 21/6/2022 6:00 | 73 | 75 | 69 |
| 21/6/2022 6:30 | 76 | 79 | 71 |
| 21/6/2022 7:00 | 74 | 77 | 70 |
| 21/6/2022 7:30 | 74 | 77 | 71 |
| 21/6/2022 8:00 | 77 | 80 | 74 |
| 21/6/2022 8:30 | 76 | 79 | 73 |
| 21/6/2022 9:00 | 74 | 76 | 71 |
| 21/6/2022 9:30 | 70 | 73 | 67 |
| 21/6/2022 10:00 | 71 | 73 | 67 |
| 21/6/2022 10:30 | 69 | 71 | 66 |

| Location: M2 | Noise Levels at Noise Measurement Point, dB(A) | | |
|-----------------|--|------|------|
| | LAeq | LA10 | LA90 |
| 20/6/2022 11:00 | 62 | 63 | 59 |
| 20/6/2022 11:30 | 62 | 64 | 59 |
| 20/6/2022 12:00 | 63 | 65 | 59 |
| 20/6/2022 12:30 | 63 | 64 | 59 |
| 20/6/2022 13:00 | 63 | 64 | 59 |
| 20/6/2022 13:30 | 63 | 64 | 59 |
| 20/6/2022 14:00 | 63 | 64 | 59 |
| 20/6/2022 14:30 | 63 | 64 | 59 |
| 20/6/2022 15:00 | 62 | 64 | 59 |
| 20/6/2022 15:30 | 62 | 64 | 59 |
| 20/6/2022 16:00 | 62 | 64 | 59 |
| 20/6/2022 16:30 | 62 | 63 | 59 |
| 20/6/2022 17:00 | 62 | 63 | 59 |
| 20/6/2022 17:30 | 62 | 63 | 59 |
| 20/6/2022 18:00 | 62 | 63 | 59 |
| 20/6/2022 18:30 | 62 | 63 | 59 |
| 20/6/2022 19:00 | 62 | 63 | 59 |
| 20/6/2022 19:30 | 62 | 63 | 59 |
| 20/6/2022 20:00 | 62 | 63 | 59 |
| 20/6/2022 20:30 | 62 | 62 | 59 |
| 20/6/2022 21:00 | 61 | 62 | 59 |
| 20/6/2022 21:30 | 61 | 62 | 59 |
| 20/6/2022 22:00 | 61 | 62 | 59 |
| 20/6/2022 22:30 | 61 | 62 | 59 |
| 20/6/2022 23:00 | 61 | 62 | 59 |
| 20/6/2022 23:30 | 61 | 62 | 59 |
| 21-06-22 00:00 | 61 | 62 | 59 |
| 21/6/2022 0:30 | 61 | 62 | 58 |
| 21/6/2022 1:00 | 61 | 62 | 58 |
| 21/6/2022 1:30 | 61 | 61 | 58 |
| 21/6/2022 2:00 | 61 | 61 | 58 |
| 21/6/2022 2:30 | 61 | 61 | 58 |
| 21/6/2022 3:00 | 61 | 61 | 57 |
| 21/6/2022 3:30 | 60 | 61 | 57 |
| 21/6/2022 4:00 | 60 | 61 | 57 |
| 21/6/2022 4:30 | 60 | 61 | 57 |
| 21/6/2022 5:00 | 60 | 61 | 56 |
| 21/6/2022 5:30 | 60 | 61 | 56 |
| 21/6/2022 6:00 | 61 | 62 | 56 |
| 21/6/2022 6:30 | 61 | 62 | 56 |
| 21/6/2022 7:00 | 61 | 63 | 57 |
| 21/6/2022 7:30 | 61 | 63 | 57 |
| 21/6/2022 8:00 | 61 | 64 | 57 |
| 21/6/2022 8:30 | 62 | 64 | 57 |
| 21/6/2022 9:00 | 62 | 64 | 57 |
| 21/6/2022 9:30 | 62 | 64 | 57 |
| 21/6/2022 10:00 | 62 | 64 | 57 |
| 21/6/2022 10:30 | 62 | 64 | 57 |

| Location: M3 | Noise Levels at Noise Measurement Point, dB(A) | | |
|-----------------|--|------|------|
| | LAeq | LA10 | LA90 |
| 21/6/2022 12:00 | 62 | 64 | 58 |
| 21/6/2022 12:30 | 62 | 63 | 58 |
| 21/6/2022 13:00 | 63 | 65 | 58 |
| 21/6/2022 13:30 | 64 | 66 | 58 |
| 21/6/2022 14:00 | 64 | 66 | 58 |
| 21/6/2022 14:30 | 63 | 66 | 58 |
| 21/6/2022 15:00 | 63 | 66 | 58 |
| 21/6/2022 15:30 | 63 | 65 | 58 |
| 21/6/2022 16:00 | 63 | 65 | 58 |
| 21/6/2022 16:30 | 63 | 65 | 58 |
| 21/6/2022 17:00 | 63 | 65 | 58 |
| 21/6/2022 17:30 | 63 | 65 | 59 |
| 21/6/2022 18:00 | 63 | 65 | 59 |
| 21/6/2022 18:30 | 63 | 65 | 59 |
| 21/6/2022 19:00 | 63 | 65 | 59 |
| 21/6/2022 19:30 | 63 | 65 | 59 |
| 21/6/2022 20:00 | 63 | 65 | 59 |
| 21/6/2022 20:30 | 63 | 65 | 59 |
| 21/6/2022 21:00 | 63 | 65 | 60 |
| 21/6/2022 21:30 | 63 | 64 | 60 |
| 21/6/2022 22:00 | 63 | 64 | 60 |
| 21/6/2022 22:30 | 63 | 64 | 60 |
| 21/6/2022 23:00 | 63 | 64 | 60 |
| 21/6/2022 23:30 | 63 | 64 | 60 |
| 22/6/2022 0:00 | 63 | 64 | 60 |
| 22/6/2022 0:30 | 63 | 64 | 59 |
| 22/6/2022 1:00 | 62 | 64 | 59 |
| 22/6/2022 1:30 | 62 | 64 | 58 |
| 22/6/2022 2:00 | 62 | 64 | 58 |
| 22/6/2022 2:30 | 62 | 64 | 58 |
| 22/6/2022 3:00 | 62 | 64 | 57 |
| 22/6/2022 3:30 | 62 | 63 | 55 |
| 22/6/2022 4:00 | 62 | 63 | 55 |
| 22/6/2022 4:30 | 62 | 63 | 55 |
| 22/6/2022 5:00 | 62 | 63 | 55 |
| 22/6/2022 5:30 | 62 | 64 | 55 |
| 22/6/2022 6:00 | 63 | 64 | 55 |
| 22/6/2022 6:30 | 63 | 65 | 55 |
| 22/6/2022 7:00 | 63 | 66 | 55 |
| 22/6/2022 7:30 | 64 | 67 | 55 |
| 22/6/2022 8:00 | 64 | 68 | 55 |
| 22/6/2022 8:30 | 64 | 68 | 55 |
| 22/6/2022 9:00 | 64 | 68 | 55 |
| 22/6/2022 9:30 | 64 | 68 | 55 |
| 22/6/2022 10:00 | 64 | 68 | 55 |
| 22/6/2022 10:30 | 64 | 68 | 55 |
| 22/6/2022 11:00 | 64 | 68 | 55 |
| 22/6/2022 11:30 | 64 | 68 | 55 |

Noise Measurement Results

| | Noise Levels at Noise Measurement Points, dB(A) [1] | | | | | | | | |
|-----------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Location: M1 | | | Location: M2 | | | Location: M3 | | |
| | Leq (30min) | LA10 (30min) | LA90 (30min) | Leq (30min) | LA10 (30min) | LA90 (30min) | Leq (30min) | LA10 (30min) | LA90 (30min) |
| Daytime | 58 | 59 | 58 | 61 | 63 | 57 | 62 | 63 | 55 |
| Evening | 57 | 57 | 57 | 61 | 62 | 59 | 63 | 64 | 59 |
| Nighttime | 53 | 53 | 52 | 60 | 61 | 56 | 62 | 63 | 55 |

Noise Measurement Results

| Location | Minimum Leq(30min), dB(A) [1] | | |
|----------|-------------------------------|---------|-----------|
| | Daytime | Evening | Nighttime |
| M1 | 58 | 57 | 53 |
| M2 | 61 | 61 | 60 |
| M3 | 62 | 63 | 62 |

Fixed Plant Noise Criteria

| NSR | Measurement Location | ANL-5, dB(A) | | | Minimum Leq, dB(A) | | | Fixed Plant Noise Criteria, dB(A) [2] | | |
|-------|----------------------|--------------|---------|-----------|--------------------|---------|-----------|---------------------------------------|---------|-----------|
| | | Daytime | Evening | Nighttime | Daytime | Evening | Nighttime | Daytime | Evening | Nighttime |
| NSR01 | M1 | 60 | 60 | 50 | 58 | 57 | 53 | 58 | 57 | 50 |
| NSR02 | M1 | 60 | 60 | 50 | 58 | 57 | 53 | 58 | 57 | 50 |
| NSR03 | M2 | 60 | 60 | 50 | 61 | 61 | 60 | 60 | 60 | 50 |
| NSR04 | M2 | 60 | 60 | 50 | 61 | 61 | 60 | 60 | 60 | 50 |
| NSR05 | M3 | 60 | 60 | 50 | 62 | 63 | 62 | 60 | 60 | 50 |
| NSR06 | M3 | 60 | 60 | 50 | 62 | 63 | 62 | 60 | 60 | 50 |
| NSR07 | M1 | 60 | 60 | 50 | 58 | 57 | 53 | 58 | 57 | 50 |

Remarks:

Façade correction of 3dB(A) have been added for free-field measurements