Appendix 5.13
Predicted Road Traffic Noise (Mitigated)

| Assessment Point |  |  | Prevailing | With Project Normal |  |  | Exceedance Overall [C] > Criteria <br> (Y/N) | Project Road [B] <br> > Criteria (Y/N) | Project Road Contribution [D] |  | Concerned NSRs for further consideration (Y/N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSR | Floor | mPD | All Rds dB(A) | Existing Rd <br> [A] dB(A) | Proj Rd $[B] d B(A)$ | All Rds$[C]=[A]+[B] d B(A)$ |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | $[D]=[C]-[A] d B(A)$ | Project Road Contribution <br> $[\mathrm{D}] \geq 1 \mathrm{~dB}(\mathrm{~A})(\mathrm{Y} / \mathrm{N})$ |  |
| N5-1 | 1 | 18.0 | 57.6 | 51.9 | 57.7 | 58.7 | N | N | 6.8 | Y | N |
| N5-2a | 1 | 18.0 | 70.7 | 60.1 | 56.2 | 61.6 | N | N | 1.5 | Y | N |
| N5-2b | 1 | 18.0 | 66.4 | 52.9 | 54.1 | 56.5 | N | N | 3.6 | Y | N |
| N5-3a | 1 | 15.1 | 59.2 | 54.9 | 46.7 | 55.5 | N | N | 0.6 | N | N |
| N5-3a | 2 | 18.1 | 64.2 | 58.3 | 49.9 | 58.9 | N | N | 0.6 | N | N |
| N5-3a | 3 | 21.1 | 66.9 | 63.0 | 54.7 | 63.6 | N | N | 0.6 | N | N |
| N5-3b | 1 | 15.1 | 57.7 | 57.3 | 43.4 | 57.4 | N | N | 0.1 | N | N |
| N5-3b | 2 | 18.1 | 68.2 | 66.0 | 47.0 | 66.0 | N | N | 0.0 | N | N |
| N5-3b | 3 | 21.1 | 70.6 | 68.8 | 48.7 | 68.9 | N | N | 0.1 | N | N |
| N5-4 | 1 | 15.1 | 67.1 | 60.3 | 50.0 | 60.7 | N | N | 0.4 | N | N |
| N5-5a | 1 | 14.5 | 72.1 | 62.7 | 51.7 | 63.0 | N | N | 0.3 | N | N |
| N5-5a | 2 | 17.5 | 72.9 | 65.9 | 55.8 | 66.3 | N | N | 0.4 | N | N |
| N5-5b | 1 | 14.5 | 73.8 | 68.2 | 48.8 | 68.2 | N | N | 0.0 | N | N |
| N5-5b | 2 | 17.5 | 74.2 | 70.2 | 52.0 | 70.3 | N | N | 0.1 | N | N |
| N5-6 | 1 | 13.2 | 74.7 | 72.2 | 52.7 | 72.3 | Y | N | 0.1 | N | N |
| N9-1a | 1 | 14.7 | 67.0 | 56.6 | 52.7 | 58.1 | N | N | 1.5 | Y | N |
| N9-1a | 2 | 17.7 | 67.5 | 63.9 | 53.7 | 64.3 | N | N | 0.4 | N | N |
| N9-1b | 1 | 14.7 | 74.2 | 73.2 | 48.5 | 73.2 | Y | N | 0.0 | N | N |
| N9-1b | 2 | 17.7 | 74.8 | 74.1 | 49.3 | 74.1 | Y | N | 0.0 | N | N |
| N9-1c | 1 | 14.7 | 73.4 | 71.4 | 50.2 | 71.4 | Y | N | 0.0 | N | N |
| N9-1c | 2 | 17.7 | 74.0 | 72.8 | 52.6 | 72.8 | Y | N | 0.0 | N | N |
| N10-1 | 1 | 24.7 | 63.5 | 62.7 | 51.9 | 63.0 | N | N | 0.3 | N | N |
| N10-4 | 1 | 11.0 | 61.7 | 56.6 | 50.9 | 57.6 | N | N | 1.0 | Y | N |
| N10-4 | 2 | 14.0 | 61.9 | 57.1 | 52.8 | 58.5 | N | N | 1.4 | Y | N |
| N10-4 | 3 | 17.0 | 62.2 | 57.9 | 54.4 | 59.5 | N | N | 1.6 | Y | N |
| N10-5 | 1 | 10.8 | 63.0 | 61.4 | 50.5 | 61.7 | N | N | 0.3 | N | N |
| N10-5 | 2 | 13.8 | 63.4 | 61.9 | 51.5 | 62.3 | N | N | 0.4 | N | N |
| N18-1a | 1 | 11.1 | 78.3 | 77.2 | 62.8 | 77.4 | Y | N | 0.2 | N | N |
| N18-1b | 1 | 11.1 | 74.6 | 72.5 | 62.6 | 73.0 | Y | N | 0.5 | N | N |
| N18-1c | 1 | 11.1 | 77.7 | 76.8 | 32.6 | 76.8 | Y | N | 0.0 | N | N |
| N18-2a | 1 | 14.3 | 74.0 | 72.8 | 56.8 | 72.9 | Y | N | 0.1 | N | N |
| N18-2a | 2 | 17.3 | 74.9 | 73.8 | 57.8 | 73.9 | Y | N | 0.1 | N | N |
| N18-2a | 3 | 20.3 | 75.2 | 74.1 | 58.2 | 74.2 | Y | N | 0.1 | N | N |
| N18-2b | 1 | 14.3 | 73.3 | 72.5 | 32.5 | 72.5 | Y | N | 0.0 | N | N |
| N18-2b | 2 | 17.3 | 73.4 | 72.6 | 32.5 | 72.6 | Y | N | 0.0 | N | N |
| N18-2b | 3 | 20.3 | 73.5 | 72.7 | 32.5 | 72.7 | Y | N | 0.0 | N | N |
| N18-3a | 1 | 13.4 | 72.7 | 69.3 | 59.0 | 69.7 | N | N | 0.4 | N | N |
| N18-3a | 2 | 16.4 | 76.0 | 72.0 | 62.1 | 72.5 | Y | N | 0.5 | N | N |
| N18-3b | 1 | 13.4 | 72.9 | 71.4 | 50.4 | 71.4 | Y | N | 0.0 | N | N |
| N18-3b | 2 | 16.4 | 74.5 | 72.7 | 53.1 | 72.7 | Y | N | 0.0 | N | N |
| N18-4a | 1 | 12.9 | 74.5 | 64.2 | 63.7 | 67.0 | N | N | 2.8 | Y | N |
| N18-4a | 2 | 15.9 | 74.5 | 66.7 | 64.0 | 68.5 | N | N | 1.8 | Y | N |
| N18-4a | 3 | 18.9 | 74.4 | 69.0 | 64.5 | 70.4 | N | N | 1.4 | Y | N |
| N18-4b | 1 | 12.9 | 73.3 | 67.6 | 61.6 | 68.6 | N | N | 1.0 | Y | N |
| N18-4b | 2 | 15.9 | 73.5 | 68.5 | 61.7 | 69.3 | N | N | 0.8 | N | N |
| N18-4b | 3 | 18.9 | 73.7 | 69.9 | 62.2 | 70.6 | Y | N | 0.7 | N | N |
| N18-5a | 1 | 13.2 | 75.9 | 62.7 | 67.2 | 68.5 | N | N | 5.8 | Y | N |
| N18-5a | 2 | 16.2 | 75.8 | 65.8 | 67.5 | 69.8 | N | N | 4.0 | Y | N |
| N18-5b | 1 | 13.2 | 74.8 | 54.1 | 66.2 | 66.5 | N | N | 12.4 | Y | N |
| N18-5b | 2 | 16.2 | 74.8 | 61.6 | 66.7 | 67.9 | N | N | 6.3 | Y | N |

Scenario: Mitigated Normal Day

| Assessment Point |  |  | Prevailing | With Project Normal |  |  | Exceedance Overall [C] > Criteria <br> (Y/N) | Project Road [B] <br> $>$ Criteria (Y/N) | Project Road Contribution [D] |  | Concerned NSRs for further consideration (Y/N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSR | Floor | mPD | All Rds dB(A) | Existing Rd <br> [A] dB(A) | Proj Rd $[B] d B(A)$ | All Rds$[C]=[A]+[B] d B(A)$ |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | $[D]=[C]-[A] d B(A)$ | Project Road Contribution <br> $[D] \geq 1 \mathrm{~dB}(\mathrm{~A})(\mathrm{Y} / \mathrm{N})$ |  |
| N18-6 | 1 | 13.2 | 72.1 | 49.8 | 64.9 | 65.0 | N | N | 15.2 | Y | N |
| N18-6 | 2 | 16.2 | 72.1 | 58.8 | 65.2 | 66.1 | N | N | 7.3 | Y | N |
| N18-7 | 1 | 13.2 | 70.1 | 59.8 | 58.6 | 62.3 | N | N | 2.5 | Y | N |
| N18-8 | 1 | 13.3 | 62.4 | 52.9 | 48.9 | 54.4 | N | N | 1.5 | Y | N |
| N18-8 | 2 | 16.3 | 64.4 | 57.1 | 52.2 | 58.3 | N | N | 1.2 | Y | N |
| N18-9a | 1 | 15.5 | 67.7 | 60.3 | 62.4 | 64.5 | N | N | 4.2 | Y | N |
| N18-9a | 2 | 18.5 | 67.9 | 61.8 | 62.5 | 65.1 | N | N | 3.3 | Y | N |
| N18-9a | 3 | 21.5 | 68.4 | 63.2 | 62.5 | 65.9 | N | N | 2.7 | Y | N |
| N18-9b | 1 | 15.5 | 68.1 | 0.0 | 66.6 | 66.6 | N | N | 66.6 | Y | N |
| N18-9b | 2 | 18.5 | 68.0 | 0.0 | 66.5 | 66.5 | N | N | 66.5 | Y | N |
| N18-9b | 3 | 21.5 | 67.9 | 0.0 | 66.4 | 66.4 | N | N | 66.4 | Y | N |
| N19-1a | 1 | 10.9 | 73.0 | 54.9 | 65.1 | 65.5 | N | N | 10.6 | Y | N |
| N19-1b | 1 | 10.9 | 74.6 | 68.5 | 62.9 | 69.5 | N | N | 1.0 | Y | N |
| N19-2 | 1 | 11.6 | 69.8 | 61.9 | 67.0 | 68.2 | N | N | 6.3 | Y | N |
| N19-3a | 1 | 11.6 | 62.2 | 57.3 | 60.5 | 62.2 | N | N | 4.9 | Y | N |
| N19-3a | 2 | 14.6 | 68.7 | 59.9 | 66.1 | 67.0 | N | N | 7.1 | Y | N |
| N19-3b | 1 | 11.6 | 65.0 | 0.0 | 65.6 | 65.6 | N | N | 65.6 | Y | N |
| N19-3b | 2 | 14.6 | 65.1 | 0.0 | 65.7 | 65.7 | N | N | 65.7 | Y | N |
| N20-1 | 1 | 10.5 | 64.7 | 50.9 | 60.4 | 60.9 | N | N | 10.0 | Y | N |
| N20-2 | 1 | 10.9 | 68.3 | 58.6 | 67.7 | 68.2 | N | N | 9.6 | Y | N |
| N20-2 | 2 | 13.9 | 68.3 | 58.7 | 67.7 | 68.2 | N | N | 9.5 | Y | N |
| N20-3a | 1 | 13.9 | 67.7 | 55.8 | 67.6 | 67.9 | N | N | 12.1 | Y | N |
| N20-3a | 2 | 16.9 | 67.9 | 56.0 | 67.8 | 68.1 | N | N | 12.1 | Y | N |
| N20-3b | 1 | 13.9 | 68.3 | 52.3 | 68.5 | 68.6 | N | N | 16.3 | Y | N |
| N20-3b | 2 | 16.9 | 68.5 | 54.1 | 68.7 | 68.9 | N | N | 14.8 | Y | N |
| N21-1 | 1 | 9.8 | 65.8 | 57.7 | 64.9 | 65.6 | N | N | 7.9 | Y | N |
| N21-2 | 1 | 9.6 | 64.4 | 0.0 | 64.8 | 64.8 | N | N | 64.8 | Y | N |
| N21-3 | 1 | 10.8 | 62.1 | 38.5 | 62.2 | 62.2 | N | N | 23.7 | Y | N |
| N21-4a | 1 | 12.5 | 63.6 | 43.9 | 63.2 | 63.2 | N | N | 19.3 | Y | N |
| N21-4b | 1 | 12.5 | 60.0 | 0.0 | 59.6 | 59.6 | N | N | 59.6 | Y | N |
| N23-1a | 1 | 9.2 | 62.7 | 37.6 | 63.2 | 63.2 | N | N | 25.6 | Y | N |
| N23-1b | 1 | 9.2 | 63.2 | 0.0 | 63.7 | 63.7 | N | N | 63.7 | Y | N |
| N23-2 | 1 | 12.4 | 60.8 | 0.0 | 61.0 | 61.0 | N | N | 61.0 | Y | N |
| N23-3a | 1 | 11.2 | 59.3 | 0.0 | 57.8 | 57.8 | N | N | 57.8 | Y | N |
| N23-3a | 2 | 14.2 | 59.9 | 0.0 | 58.0 | 58.0 | N | N | 58.0 | Y | N |
| N23-3b | 1 | 11.2 | 58.5 | 0.0 | 57.7 | 57.7 | N | N | 57.7 | Y | N |
| N23-3b | 2 | 14.2 | 59.0 | 0.0 | 57.9 | 57.9 | N | N | 57.9 | Y | N |
| N23-4a | 1 | 14.9 | 63.3 | 0.0 | 58.8 | 58.8 | N | N | 58.8 | Y | N |
| N23-4a | 2 | 17.9 | 64.5 | 0.0 | 59.7 | 59.7 | N | N | 59.7 | Y | N |
| N23-4a | 3 | 20.9 | 65.2 | 0.0 | 60.6 | 60.6 | N | N | 60.6 | Y | N |
| N23-4b | 1 | 14.9 | 61.4 | 0.0 | 58.2 | 58.2 | N | N | 58.2 | Y | N |
| N23-4b | 2 | 17.9 | 62.2 | 0.0 | 58.7 | 58.7 | N | N | 58.7 | Y | N |
| N23-4b | 3 | 20.9 | 62.7 | 0.0 | 59.1 | 59.1 | N | N | 59.1 | Y | N |
| N23-5a | 1 | 14.7 | 63.9 | 0.0 | 59.0 | 59.0 | N | N | 59.0 | Y | N |
| N23-5b | 1 | 14.7 | 60.6 | 0.0 | 52.3 | 52.3 | N | N | 52.3 | Y | N |
| N23-6a | 1 | 13.4 | 59.2 | 0.0 | 52.2 | 52.2 | N | N | 52.2 | Y | N |
| N23-6b | 1 | 13.4 | 62.1 | 0.0 | 55.1 | 55.1 | N | N | 55.1 | Y | N |
| N23-7 | 1 | 13.4 | 62.9 | 0.0 | 60.9 | 60.9 | N | N | 60.9 | Y | N |
| N23-P1 | 1 | 14.9 | 66.9 | 0.0 | 60.0 | 60.0 | N | N | 60.0 | Y | N |
| N23-P1 | 2 | 17.9 | 69.5 | 0.0 | 62.3 | 62.3 | N | N | 62.3 | Y | N |

Project: Agreement No. CE 1/2013 (CE) Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery - Design and Construction
Projcet \#: 231448
Scenario: Mitigated Normal Day

| Assessment Point |  |  | Prevailing | With Project Normal |  |  | Exceedance Overall [C] > Criteria <br> (Y/N) | Project Road [B] <br> $>$ Criteria (Y/N) | Project Road Contribution [D] |  | Concerned NSRs for further consideration (Y/N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSR | Floor | mPD | All Rds dB(A) | Existing Rd | Proj Rd | All Rds |  |  |  |  |  |
|  |  |  |  | [ A$] \mathrm{dB}(\mathrm{A})$ | $[B] d B(A)$ | $[C]=[A]+[B] d B(A)$ |  |  | $[D]=[C]-[A] d B(A)$ | $[\mathrm{D}] \geq 1 \mathrm{~dB}(\mathrm{~A})(\mathrm{Y} / \mathrm{N})$ |  |
| N23-P1 | 3 | 20.9 | 69.8 | 0.0 | 63.2 | 63.2 | N | N | 63.2 | Y | N |
| N23-P2 | 1 | 14.9 | 65.8 | 0.0 | 60.1 | 60.1 | N | N | 60.1 | Y | N |
| N23-P2 | 2 | 17.9 | 69.4 | 0.0 | 63.5 | 63.5 | N | N | 63.5 | Y | N |
| N23-P2 | 3 | 20.9 | 69.9 | 0.0 | 64.3 | 64.3 | N | N | 64.3 | Y | N |
| N23-P3 | 1 | 15.0 | 63.6 | 0.0 | 58.3 | 58.3 | N | N | 58.3 | Y | N |
| N23-P3 | 2 | 18.0 | 68.8 | 0.0 | 64.0 | 64.0 | N | N | 64.0 | Y | N |
| N23-P3 | 3 | 21.0 | 69.8 | 0.0 | 64.8 | 64.8 | N | N | 64.8 | Y | N |
| N23-P4 | 1 | 15.0 | 65.2 | 0.0 | 53.0 | 53.0 | N | N | 53.0 | Y | N |
| N23-P4 | 2 | 18.0 | 69.2 | 0.0 | 56.2 | 56.2 | N | N | 56.2 | Y | N |
| N23-P4 | 3 | 21.0 | 69.7 | 0.0 | 62.7 | 62.7 | N | N | 62.7 | Y | N |
| N23-P5 | 1 | 15.0 | 66.2 | 0.0 | 48.7 | 48.7 | N | N | 48.7 | Y | N |
| N23-P5 | 2 | 18.0 | 69.0 | 0.0 | 52.7 | 52.7 | N | N | 52.7 | Y | N |
| N23-P5 | 3 | 21.0 | 69.4 | 0.0 | 61.3 | 61.3 | N | N | 61.3 | Y | N |


| Assessment Point |  |  | Prevailing | With Project Festival |  |  | Exceedance Overall [C] > Criteria <br> (Y/N) | Project Road [B] <br> > Criteria (Y/N) | Project Road Contribution [D] |  | Concerned NSRs for further consideration (Y/N) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSR | Floor | mPD | All Rds dB(A) | Existing Rd <br> [A] dB(A) |  | All Rds$[C]=[A]+[B] d B(A)$ |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | $[D]=[C]-[A] d B(A)$ | $[\mathrm{D}] \geq 1 \mathrm{~dB}(\mathrm{~A})(\mathrm{Y} / \mathrm{N})$ |  |
| N5-1 | 1 | 18.0 | 57.6 | 50.2 | 67.8 | 67.9 | N | N | 17.7 | Y | N |
| N5-2a | 1 | 18.0 | 70.7 | 58.6 | 66.7 | 67.4 | N | N | 8.8 | Y | N |
| N5-2b | 1 | 18.0 | 66.4 | 51.3 | 64.6 | 64.8 | N | N | 13.5 | Y | N |
| N5-3a | 1 | 15.1 | 59.2 | 53.4 | 56.7 | 58.4 | N | N | 5.0 | Y | N |
| N5-3a | 2 | 18.1 | 64.2 | 56.7 | 60.1 | 61.7 | N | N | 5.0 | Y | N |
| N5-3a | 3 | 21.1 | 66.9 | 61.5 | 64.8 | 66.5 | N | N | 5.0 | Y | N |
| N5-3b | 1 | 15.1 | 57.7 | 55.7 | 53.4 | 57.7 | N | N | 2.0 | Y | N |
| N5-3b | 2 | 18.1 | 68.2 | 64.5 | 57.0 | 65.2 | N | N | 0.7 | N | N |
| N5-3b | 3 | 21.1 | 70.6 | 67.3 | 58.7 | 67.9 | N | N | 0.6 | N | N |
| N5-4 | 1 | 15.1 | 67.1 | 58.8 | 60.2 | 62.6 | N | N | 3.8 | Y | N |
| N5-5a | 1 | 14.5 | 72.1 | 61.2 | 62.3 | 64.8 | N | N | 3.6 | Y | N |
| N5-5a | 2 | 17.5 | 72.9 | 64.4 | 66.5 | 68.6 | N | N | 4.2 | Y | N |
| N5-5b | 1 | 14.5 | 73.8 | 66.6 | 59.4 | 67.4 | N | N | 0.8 | N | N |
| N5-5b | 2 | 17.5 | 74.2 | 68.7 | 62.6 | 69.6 | N | N | 0.9 | N | N |
| N5-6 | 1 | 13.2 | 74.7 | 70.7 | 62.7 | 71.4 | Y | N | 0.7 | N | N |
| N9-1a | 1 | 14.7 | 67.0 | 54.6 | 63.4 | 63.9 | N | N | 9.3 | Y | N |
| N9-1a | 2 | 17.7 | 67.5 | 61.9 | 64.5 | 66.4 | N | N | 4.5 | Y | N |
| N9-1b | 1 | 14.7 | 74.2 | 71.7 | 58.8 | 71.9 | Y | N | 0.2 | N | N |
| N9-1b | 2 | 17.7 | 74.8 | 72.5 | 59.7 | 72.7 | Y | N | 0.2 | N | N |
| N9-1c | 1 | 14.7 | 73.4 | 69.9 | 61.7 | 70.5 | Y | N | 0.6 | N | N |
| N9-1c | 2 | 17.7 | 74.0 | 71.2 | 64.1 | 72.0 | Y | N | 0.8 | N | N |
| N10-1 | 1 | 24.7 | 63.5 | 60.8 | 62.8 | 64.9 | N | N | 4.1 | Y | N |
| N10-4 | 1 | 11.0 | 61.7 | 54.9 | 61.9 | 62.7 | N | N | 7.8 | Y | N |
| N10-4 | 2 | 14.0 | 61.9 | 55.4 | 63.9 | 64.5 | N | N | 9.1 | Y | N |
| N10-4 | 3 | 17.0 | 62.2 | 56.2 | 65.6 | 66.1 | N | N | 9.9 | Y | N |
| N10-5 | 1 | 10.8 | 63.0 | 59.5 | 61.4 | 63.6 | N | N | 4.1 | Y | N |
| N10-5 | 2 | 13.8 | 63.4 | 60.0 | 62.4 | 64.4 | N | N | 4.4 | Y | N |
| N18-1a | 1 | 11.1 | 78.3 | 76.1 | 62.8 | 76.3 | Y | N | 0.2 | N | N |
| N18-1b | 1 | 11.1 | 74.6 | 70.3 | 62.6 | 71.0 | Y | N | 0.7 | N | N |
| N18-1c | 1 | 11.1 | 77.7 | 75.9 | 43.6 | 75.9 | Y | N | 0.0 | N | N |
| N18-2a | 1 | 14.3 | 74.0 | 71.2 | 57.0 | 71.4 | Y | N | 0.2 | N | N |
| N18-2a | 2 | 17.3 | 74.9 | 72.3 | 57.9 | 72.4 | Y | N | 0.1 | N | N |
| N18-2a | 3 | 20.3 | 75.2 | 72.6 | 58.3 | 72.8 | Y | N | 0.2 | N | N |
| N18-2b | 1 | 14.3 | 73.3 | 71.4 | 43.5 | 71.4 | Y | N | 0.0 | N | N |
| N18-2b | 2 | 17.3 | 73.4 | 71.5 | 43.5 | 71.5 | Y | N | 0.0 | N | N |
| N18-2b | 3 | 20.3 | 73.5 | 71.6 | 43.5 | 71.6 | Y | N | 0.0 | N | N |
| N18-3a | 1 | 13.4 | 72.7 | 68.1 | 59.1 | 68.6 | N | N | 0.5 | N | N |
| N18-3a | 2 | 16.4 | 76.0 | 70.3 | 62.2 | 70.9 | Y | N | 0.6 | N | N |
| N18-3b | 1 | 13.4 | 72.9 | 70.3 | 51.1 | 70.3 | N | N | 0.0 | N | N |
| N18-3b | 2 | 16.4 | 74.5 | 71.3 | 53.5 | 71.4 | Y | N | 0.1 | N | N |
| N18-4a | 1 | 12.9 | 74.5 | 61.1 | 63.7 | 65.6 | N | N | 4.5 | Y | N |
| N18-4a | 2 | 15.9 | 74.5 | 63.3 | 64.0 | 66.7 | N | N | 3.4 | Y | N |
| N18-4a | 3 | 18.9 | 74.4 | 65.5 | 64.6 | 68.1 | N | N | 2.6 | Y | N |
| N18-4b | 1 | 12.9 | 73.3 | 65.2 | 61.6 | 66.7 | N | N | 1.5 | Y | N |
| N18-4b | 2 | 15.9 | 73.5 | 65.9 | 61.7 | 67.3 | N | N | 1.4 | Y | N |
| N18-4b | 3 | 18.9 | 73.7 | 67.2 | 62.2 | 68.4 | N | N | 1.2 | Y | N |
| N18-5a | 1 | 13.2 | 75.9 | 60.4 | 67.2 | 68.0 | N | N | 7.6 | Y | N |
| N18-5a | 2 | 16.2 | 75.8 | 62.7 | 67.5 | 68.7 | N | N | 6.0 | Y | N |
| N18-5b | 1 | 13.2 | 74.8 | 50.0 | 66.3 | 66.4 | N | N | 16.4 | Y | N |
| N18-5b | 2 | 16.2 | 74.8 | 57.2 | 66.8 | 67.2 | N | N | 10.0 | Y | N |

Scenario: Mitigated Festive Day

| Assessment Point |  |  | Prevailing | With Project Festival |  |  | Exceedance Overall [C] > Criteria <br> (Y/N) | Project Road [B] > Criteria (Y/N) | Project Road Contribution [D] |  | Concerned NSRs for further consideration ( $\mathrm{Y} / \mathrm{N}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSR | Floor | mPD | All Rds dB(A) | Existing Rd <br> [A] dB(A) | Proj Rd <br> $[B] d B(A)$ | All Rds$[C]=[A]+[B] d B(A)$ |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | $[D]=[C]-[A] d B(A)$ | $[\mathrm{D}] \geq 1 \mathrm{~dB}(\mathrm{~A})(\mathrm{Y} / \mathrm{N})$ |  |
| N18-6 | 1 | 13.2 | 72.1 | 45.3 | 64.9 | 65.0 | N | N | 19.7 | Y | N |
| N18-6 | 2 | 16.2 | 72.1 | 54.0 | 65.3 | 65.6 | N | N | 11.6 | Y | N |
| N18-7 | 1 | 13.2 | 70.1 | 56.3 | 58.6 | 60.6 | N | N | 4.3 | Y | N |
| N18-8 | 1 | 13.3 | 62.4 | 49.8 | 49.0 | 52.4 | N | N | 2.6 | Y | N |
| N18-8 | 2 | 16.3 | 64.4 | 53.8 | 52.2 | 56.1 | N | N | 2.3 | Y | N |
| N18-9a | 1 | 15.5 | 67.7 | 56.5 | 62.4 | 63.4 | N | N | 6.9 | Y | N |
| N18-9a | 2 | 18.5 | 67.9 | 58.1 | 62.5 | 63.8 | N | N | 5.7 | Y | N |
| N18-9a | 3 | 21.5 | 68.4 | 59.7 | 62.5 | 64.4 | N | N | 4.7 | Y | N |
| N18-9b | 1 | 15.5 | 68.1 | 0.0 | 67.0 | 67.0 | N | N | 67.0 | Y | N |
| N18-9b | 2 | 18.5 | 68.0 | 0.0 | 66.8 | 66.8 | N | N | 66.8 | Y | N |
| N18-9b | 3 | 21.5 | 67.9 | 0.0 | 66.7 | 66.7 | N | N | 66.7 | Y | N |
| N19-1a | 1 | 10.9 | 73.0 | 54.0 | 65.4 | 65.7 | N | N | 11.7 | Y | N |
| N19-1b | 1 | 10.9 | 74.6 | 64.5 | 62.9 | 66.8 | N | N | 2.3 | Y | N |
| N19-2 | 1 | 11.6 | 69.8 | 58.4 | 67.9 | 68.4 | N | N | 10.0 | Y | N |
| N19-3a | 1 | 11.6 | 62.2 | 53.6 | 61.5 | 62.1 | N | N | 8.5 | Y | N |
| N19-3a | 2 | 14.6 | 68.7 | 56.9 | 67.0 | 67.4 | N | N | 10.5 | Y | N |
| N19-3b | 1 | 11.6 | 65.0 | 0.0 | 66.6 | 66.6 | N | N | 66.6 | Y | N |
| N19-3b | 2 | 14.6 | 65.1 | 0.0 | 66.7 | 66.7 | N | N | 66.7 | Y | N |
| N20-1 | 1 | 10.5 | 64.7 | 47.8 | 60.4 | 60.7 | N | N | 12.9 | Y | N |
| N20-2 | 1 | 10.9 | 68.3 | 54.5 | 68.5 | 68.7 | N | N | 14.2 | Y | N |
| N20-2 | 2 | 13.9 | 68.3 | 54.6 | 68.5 | 68.7 | N | N | 14.1 | Y | N |
| N20-3a | 1 | 13.9 | 67.7 | 51.7 | 68.6 | 68.7 | N | N | 17.0 | Y | N |
| N20-3a | 2 | 16.9 | 67.9 | 52.0 | 68.8 | 68.9 | N | N | 16.9 | Y | N |
| N20-3b | 1 | 13.9 | 68.3 | 48.4 | 69.5 | 69.5 | N | N | 21.1 | Y | N |
| N20-3b | 2 | 16.9 | 68.5 | 50.1 | 69.7 | 69.8 | N | N | 19.7 | Y | N |
| N21-1 | 1 | 9.8 | 65.8 | 53.4 | 65.9 | 66.1 | N | N | 12.7 | Y | N |
| N21-2 | 1 | 9.6 | 64.4 | 0.0 | 66.1 | 66.1 | N | N | 66.1 | Y | N |
| N21-3 | 1 | 10.8 | 62.1 | 37.6 | 63.4 | 63.5 | N | N | 25.9 | Y | N |
| N21-4a | 1 | 12.5 | 63.6 | 42.8 | 64.4 | 64.5 | N | N | 21.7 | Y | N |
| N21-4b | 1 | 12.5 | 60.0 | 0.0 | 61.0 | 61.0 | N | N | 61.0 | Y | N |
| N23-1a | 1 | 9.2 | 62.7 | 36.8 | 64.6 | 64.6 | N | N | 27.8 | Y | N |
| N23-1b | 1 | 9.2 | 63.2 | 0.0 | 65.1 | 65.1 | N | N | 65.1 | Y | N |
| N23-2 | 1 | 12.4 | 60.8 | 0.0 | 62.5 | 62.5 | N | N | 62.5 | Y | N |
| N23-3a | 1 | 11.2 | 59.3 | 0.0 | 59.6 | 59.6 | N | N | 59.6 | Y | N |
| N23-3a | 2 | 14.2 | 59.9 | 0.0 | 59.9 | 59.9 | N | N | 59.9 | Y | N |
| N23-3b | 1 | 11.2 | 58.5 | 0.0 | 59.4 | 59.4 | N | N | 59.4 | Y | N |
| N23-3b | 2 | 14.2 | 59.0 | 0.0 | 59.7 | 59.7 | N | N | 59.7 | Y | N |
| N23-4a | 1 | 14.9 | 63.3 | 0.0 | 61.0 | 61.0 | N | N | 61.0 | Y | N |
| N23-4a | 2 | 17.9 | 64.5 | 0.0 | 62.2 | 62.2 | N | N | 62.2 | Y | N |
| N23-4a | 3 | 20.9 | 65.2 | 0.0 | 63.3 | 63.3 | N | N | 63.3 | Y | N |
| N23-4b | 1 | 14.9 | 61.4 | 0.0 | 60.2 | 60.2 | N | N | 60.2 | Y | N |
| N23-4b | 2 | 17.9 | 62.2 | 0.0 | 60.8 | 60.8 | N | N | 60.8 | Y | N |
| N23-4b | 3 | 20.9 | 62.7 | 0.0 | 61.3 | 61.3 | N | N | 61.3 | Y | N |
| N23-5a | 1 | 14.7 | 63.9 | 0.0 | 62.0 | 62.0 | N | N | 62.0 | Y | N |
| N23-5b | 1 | 14.7 | 60.6 | 0.0 | 56.1 | 56.1 | N | N | 56.1 | Y | N |
| N23-6a | 1 | 13.4 | 59.2 | 0.0 | 55.7 | 55.7 | N | N | 55.7 | Y | N |
| N23-6b | 1 | 13.4 | 62.1 | 0.0 | 58.6 | 58.6 | N | N | 58.6 | Y | N |
| N23-7 | 1 | 13.4 | 62.9 | 0.0 | 64.5 | 64.5 | N | N | 64.5 | Y | N |
| N23-P1 | 1 | 14.9 | 66.9 | 0.0 | 62.7 | 62.7 | N | N | 62.7 | Y | N |
| N23-P1 | 2 | 17.9 | 69.5 | 0.0 | 65.4 | 65.4 | N | N | 65.4 | Y | N |

Project: Agreement No. CE 1/2013 (CE) Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery - Design and Construction
Scenario: Mitigated Festive Day

| Assessment Point |  |  | Prevailing | With Project Festival |  |  | Exceedance Overall [C] > Criteria <br> (Y/N) | Project Road [B] <br> > Criteria (Y/N) | Project Road Contribution [D] |  | Concerned NSRs for further consideration ( $\mathrm{Y} / \mathrm{N}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSR | Floor | mPD | All Rds dB(A) | Existing Rd | Proj Rd | All Rds |  |  |  |  |  |
|  |  |  |  | [ A$] \mathrm{dB}(\mathrm{A})$ | [B] dB(A) | $[C]=[A]+[B] d B(A)$ |  |  | $[D]=[C]-[A] d B(A)$ | $[D] \geq 1 \mathrm{~dB}(\mathrm{~A})(\mathrm{Y} / \mathrm{N})$ |  |
| N23-P1 | 3 | 20.9 | 69.8 | 0.0 | 66.4 | 66.4 | N | N | 66.4 | Y | N |
| N23-P2 | 1 | 14.9 | 65.8 | 0.0 | 63.4 | 63.4 | N | N | 63.4 | Y | N |
| N23-P2 | 2 | 17.9 | 69.4 | 0.0 | 67.1 | 67.1 | N | N | 67.1 | Y | N |
| N23-P2 | 3 | 20.9 | 69.9 | 0.0 | 67.9 | 67.9 | N | N | 67.9 | Y | N |
| N23-P3 | 1 | 15.0 | 63.6 | 0.0 | 61.6 | 61.6 | N | N | 61.6 | Y | N |
| N23-P3 | 2 | 18.0 | 68.8 | 0.0 | 67.5 | 67.5 | N | N | 67.5 | Y | N |
| N23-P3 | 3 | 21.0 | 69.8 | 0.0 | 68.3 | 68.3 | N | N | 68.3 | Y | N |
| N23-P4 | 1 | 15.0 | 65.2 | 0.0 | 55.9 | 55.9 | N | N | 55.9 | Y | N |
| N23-P4 | 2 | 18.0 | 69.2 | 0.0 | 59.5 | 59.5 | N | N | 59.5 | Y | N |
| N23-P4 | 3 | 21.0 | 69.7 | 0.0 | 66.2 | 66.2 | N | N | 66.2 | Y | N |
| N23-P5 | 1 | 15.0 | 66.2 | 0.0 | 52.3 | 52.3 | N | N | 52.3 | Y | N |
| N23-P5 | 2 | 18.0 | 69.0 | 0.0 | 56.3 | 56.3 | N | N | 56.3 | Y | N |
| N23-P5 | 3 | 21.0 | 69.4 | 0.0 | 64.8 | 64.8 | N | N | 64.8 | Y | N |

