

Table 9: Point of Reception Noise Impact

| Source ID | POR07        |   |   |  | POR08   |              |   |   | POR09                                      |   |              |   | POR10                                   |  |   |              |   |   |  |   |
|-----------|--------------|---|---|--|---|--------------|---|---|--|---|--------------|---|---|--|---|--------------|---|---|--|---|
|           | Distance (m) | Normal Operations Daytime (0700 - 1900) | Normal Operations Evening (1900 - 2300) | Normal Operations Night-time (0600 - 0700) | Essential Operations Night-time (2300 - 0600) | Distance (m) | Normal Operations Daytime (0700 - 1900) | Normal Operations Evening (1900 - 2300) | Normal Operations Night-time (0600 - 0700) | Essential Operations Night-time (2300 - 0600) | Distance (m) | Normal Operations Daytime (0700 - 1900) | Normal Operations Evening (1900 - 2300) | Normal Operations Night-time (0600 - 0700) | Essential Operations Night-time (2300 - 0600) | Distance (m) | Normal Operations Daytime (0700 - 1900) | Normal Operations Evening (1900 - 2300) | Normal Operations Night-time (0600 - 0700) | Essential Operations Night-time (2300 - 0600) |
| A_062     | 1168         | 16                                      | 16                                      | 16   | 16  | 1180         | 16                                      | 16                                      | 16   | 16  | 1182         | 16                                      | 16                                      | 16   | 1605  | 12           | 12                                      | 12                                      | 12   | 12  |
| A_063     | 1053         | 17                                      | 17                                      | 17   | 17  | 1073         | 16                                      | 16                                      | 16   | 16  | 1115         | 16                                      | 16                                      | 16   | 1558  | 13           | 13                                      | 13                                      | 13   | 13  |
| A_064     | 1391         | 2                                       | 2                                       | 2  | 2   | 1399         | 2                                       | 2                                       | 2  | 2   | 1382         | 2                                       | 2                                       | 2  | 1785  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_065     | 1392         | 8                                       | 8                                       | 8  | 8   | 1401         | 8                                       | 8                                       | 8  | 8   | 1384         | 8                                       | 8                                       | 8  | 1787  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_066     | 1393         | 8                                       | 8                                       | 8  | 8   | 1402         | 8                                       | 8                                       | 8  | 8   | 1385         | 8                                       | 8                                       | 8  | 1789  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_067     | 1394         | 8                                       | 8                                       | 8  | 8   | 1403         | 8                                       | 8                                       | 8  | 8   | 1387         | 8                                       | 8                                       | 8  | 1792  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_068     | 1395         | 8                                       | 8                                       | 8  | 8   | 1404         | 8                                       | 8                                       | 8  | 8   | 1389         | 7                                       | 7                                       | 7  | 1794  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_069     | 1396         | 8                                       | 8                                       | 8  | 8   | 1405         | 8                                       | 8                                       | 8  | 8   | 1391         | 7                                       | 7                                       | 7  | 1796  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_070     | 1397         | 8                                       | 8                                       | 8  | 8   | 1406         | 8                                       | 8                                       | 8  | 8   | 1392         | 7                                       | 7                                       | 7  | 1798  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_071     | 1382         | 5                                       | 5                                       | 5  | 5   | 1390         | 4                                       | 4                                       | 4  | 4   | 1368         | 6                                       | 6                                       | 6  | 1766  | 3            | 3                                       | 3                                       | 3  | 3   |
| A_072     | 1020         | 9                                       | 9                                       | 9  | 9   | 1023         | 9                                       | 9                                       | 9  | 9   | 986          | 9                                       | 9                                       | 9  | 1375  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_073     | 1024         | 3                                       | 3                                       | 3  | 3   | 1029         | 3                                       | 3                                       | 3  | 3   | 997          | 9                                       | 9                                       | 9  | 1391  | 5            | 5                                       | 5                                       | 5  | 5   |
| A_074     | 1112         | 2                                       | 2                                       | 2  | 2   | 1117         | 2                                       | 2                                       | 2  | 2   | 1082         | 3                                       | 3                                       | 3  | 1470  | 4            | 4                                       | 4                                       | 4  | 4   |
| A_075     | 1110         | 2                                       | 2                                       | 2  | 2   | 1114         | 8                                       | 8                                       | 8  | 8   | 1074         | 8                                       | 8                                       | 8  | 1456  | 4            | 4                                       | 4                                       | 4  | 4   |
| A_076     | 810          | 11                                      | 11                                      | 11   | 11  | 815          | 11                                      | 11                                      | 11   | 11  | 787          | 12                                      | 12                                      | 12   | 1193  | 7            | 7                                       | 7                                       | 7  | 7   |
| A_077     | 814          | 11                                      | 11                                      | 11   | 11  | 820          | 11                                      | 11                                      | 11   | 11  | 799          | 12                                      | 12                                      | 12   | 1210  | 7            | 7                                       | 7                                       | 7  | 7   |
| A_078     | 879          | 11                                      | 11                                      | 11   | 11  | 885          | 10                                      | 10                                      | 10   | 10  | 860          | 11                                      | 11                                      | 11   | 1266  | 6            | 6                                       | 6                                       | 6  | 6   |
| A_079     | 877          | 11                                      | 11                                      | 11   | 11  | 882          | 11                                      | 11                                      | 11   | 11  | 851          | 11                                      | 11                                      | 11   | 1251  | 6            | 6                                       | 6                                       | 6  | 6   |
| A_080     | 1259         | 1                                       | 1                                       | 1  | 1   | 1263         | 1                                       | 1                                       | 1  | 1   | 1228         | 1                                       | 1                                       | 1  | 1613  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_081     | 1059         | 8                                       | 8                                       | 8  | 8   | 1078         | 8                                       | 8                                       | 8  | 8   | 1118         | 8                                       | 8                                       | 8  | 1561  | 4            | 4                                       | 4                                       | 4  | 4   |
| A_082     | 1082         | 8                                       | 8                                       | 8  | 8   | 1102         | 8                                       | 8                                       | 8  | 8   | 1142         | 8                                       | 8                                       | 8  | 1584  | 4            | 4                                       | 4                                       | 4  | 4   |
| A_083     | 1138         | 8                                       | 8                                       | 8  | 8   | 1155         | 8                                       | 8                                       | 8  | 8   | 1184         | 8                                       | 8                                       | 8  | 1622  | 4            | 4                                       | 4                                       | 4  | 4   |
| A_084     | 1162         | 8                                       | 8                                       | 8  | 8   | 1175         | 8                                       | 8                                       | 8  | 8   | 1179         | 8                                       | 8                                       | 8  | 1603  | 4            | 4                                       | 4                                       | 4  | 4   |
| A_085     | 1266         | 0                                       | 0                                       | 0  | 0   | 1271         | 0                                       | 0                                       | 0  | 0   | 1238         | 0                                       | 0                                       | 0  | 1626  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_086     | 1173         | 8                                       | 8                                       | 8  | 8   | 1185         | 8                                       | 8                                       | 8  | 8   | 1184         | 8                                       | 8                                       | 8  | 1605  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_087     | 1387         | 0                                       | 0                                       | 0  | 0   | 1395         | 0                                       | 0                                       | 0  | 0   | 1374         | 0                                       | 0                                       | 0  | 1773  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_088     | 964          | 23                                      | 23                                      | 23   | 23  | 977          | 22                                      | 22                                      | 22   | 22  | 986          | 22                                      | 22                                      | 22   | 1415  | 17           | 17                                      | 17                                      | 17   | 17  |
| A_089     | 1124         | 21                                      | 21                                      | 21   | 21  | 1136         | 20                                      | 20                                      | 20   | 20  | 1132         | 20                                      | 20                                      | 20   | 1552  | 10           | 10                                      | 10                                      | 10   | 10  |
| A_090     | 1362         | 11                                      | 11                                      | 11   | 11  | 1370         | 11                                      | 11                                      | 11   | 11  | 1349         | 6                                       | 6                                       | 6  | 1749  | 3            | 3                                       | 3                                       | 3  | 3   |
| A_091     | 1365         | 6                                       | 6                                       | 6  | 6   | 1374         | 6                                       | 6                                       | 6  | 6   | 1354         | 0                                       | 0                                       | 0  | 1755  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_092     | 1166         | 19                                      | 19                                      | 19   | 19  | 1185         | 18                                      | 18                                      | 18   | 18  | 1217         | 16                                      | 16                                      | 16   | 1657  | 14           | 14                                      | 14                                      | 14   | 14  |
| A_093     | 635          | 14                                      | 14                                      | 14   | 14  | 653          | 14                                      | 14                                      | 14   | 14  | 693          | 13                                      | 13                                      | 13   | 1137  | 8            | 8                                       | 8                                       | 8  | 8   |
| A_094     | 1161         | 7                                       | 7                                       | 7  | 7   | 1179         | 7                                       | 7                                       | 7  | 7   | 1212         | 5                                       | 5                                       | 5  | 1652  | 3            | 3                                       | 3                                       | 3  | 3   |
| A_095     | 1386         | 10                                      | 10                                      | 10   | 10  | 1395         | 10                                      | 10                                      | 10   | 10  | 1377         | 1                                       | 1                                       | 1  | 1781  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_096     | 1387         | 10                                      | 10                                      | 10   | 10  | 1396         | 10                                      | 10                                      | 10   | 10  | 1379         | 1                                       | 1                                       | 1  | 1783  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_097     | 1388         | 10                                      | 10                                      | 10   | 10  | 1397         | 10                                      | 10                                      | 10   | 10  | 1381         | 1                                       | 1                                       | 1  | 1785  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_098     | 1389         | 10                                      | 10                                      | 10   | 10  | 1399         | 10                                      | 10                                      | 10   | 10  | 1383         | 1                                       | 1                                       | 1  | 1788  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_099     | 1391         | 10                                      | 10                                      | 10   | 10  | 1400         | 10                                      | 10                                      | 10   | 10  | 1385         | 1                                       | 1                                       | 1  | 1790  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_100     | 1392         | 10                                      | 10                                      | 10   | 10  | 1401         | 10                                      | 10                                      | 10   | 10  | 1387         | 1                                       | 1                                       | 1  | 1793  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_101     | 1393         | 10                                      | 10                                      | 10   | 10  | 1403         | 10                                      | 10                                      | 10   | 10  | 1389         | 1                                       | 1                                       | 1  | 1795  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_102     | 1049         | 29                                      | 29                                      | 29   | 29  | 1065         | 29                                      | 29                                      | 29   | 29  | 1083         | 28                                      | 28                                      | 28   | 1518  | 24           | 24                                      | 24                                      | 24   | 24  |
| A_103     | 1210         | 24                                      | 24                                      | 24   | 24  | 1220         | 24                                      | 24                                      | 24   | 24  | 1210         | 18                                      | 18                                      | 18   | 1623  | 14           | 14                                      | 14                                      | 14   | 14  |
| A_104     | 1254         | 16                                      | 16                                      | 16   | 16  | 1267         | 16                                      | 16                                      | 16   | 16  | 1274         | 10                                      | 10                                      | 10   | 1699  | 7            | 7                                       | 7                                       | 7  | 7   |
| A_105     | 1250         | 0                                       | 0                                       | 0  | 0   | 1263         | 0                                       | 0                                       | 0  | 0   | 1267         | 0                                       | 0                                       | 0  | 1691  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_106     | 1213         | 21                                      | 21                                      | 21   | 21  | 1223         | 21                                      | 21                                      | 21   | 21  | 1215         | 15                                      | 15                                      | 15   | 1628  | 12           | 12                                      | 12                                      | 12   | 12  |
| A_107     | 1216         | 8                                       | 8                                       | 8  | 8   | 1227         | 8                                       | 8                                       | 8  | 8   | 1220         | 8                                       | 8                                       | 8  | 1634  | 0            | 0                                       | 0                                       | 0  | 0   |
| A_108     | 368 / 832    | 37                                      | 37                                      | 37   | 37  | 402 / 847    | 37                                      | 37                                      | 37   | 37  | 545 / 866    | 35                                      | 35                                      | 35   | 926 / 1303                                    | 29           | 29                                      | 29                                      | 29   | 29  |
| A_109     | 797 / 832    | 21                                      | 21                                      | 21   | 21  | 809 / 847    | 21                                      | 21                                      | 21   | 21  | 812 / 866    | 21                                      | 21                                      | 21   | 1241 / 1303                                   | 16           | 16                                      | 16                                      | 16   | 16  |
| A_110     | 755 / 816    | 26                                      | 26                                      | 26   | 26  | 758 / 819    | 26                                      | 26                                      | 26   | 26  | 724 / 812    | 26                                      | 26                                      | 26   | 1126 / 1241                                   | 21           | 21                                      | 21                                      | 21   | 21  |
| A_111     | 816 / 819    | 15                                      | 15                                      | 15   | 15  | 819 / 823    | 14                                      | 14                                      | 14   | 14  | 782 / 791    | 15                                      | 15                                      | 15   | 1179 / 1193                                   | 10           | 10                                      | 10                                      | 10   | 10  |
| A_112     | 816 / 1037   | 23                                      | 23                                      | 23   | 23  | 819 / 1039   | 23                                      | 23                                      | 23   | 23  | 782 / 995    | 23                                      | 23                                      | 23   | 1179 / 1375                                   | 19           | 19                                      | 19                                      | 19   | 19  |
| A_113     | 1037 / 1038  | 6                                       | 6                                       | 6  | 6   | 1039 / 1041  | 5                                       | 5                                       | 5  | 5   | 995 / 1001   | 6                                       | 6                                       | 6  | 1375 / 1386                                   | 2            | 2                                       | 2                                       | 2  | 2   |
| A_114     | 1037 / 1202  | 23                                      | 23                                      | 23   | 23  | 1039 / 1208  | 22                                      | 22                                      | 22   | 22  | 995 / 1181   | 21                                      | 21                                      | 21   | 1375 / 1577                                   | 18           | 18                                      | 18                                      | 18   | 18  |
| A_115     | 1111 / 1124  | 9                                       | 9                                       | 9  | 9   | 1121 / 1135  | 8                                       | 8                                       | 8  | 8   | 1112 / 1132  | 9                                       | 9                                       | 9  | 1527 / 1551                                   | 0            | 0                                       | 0                                       | 0  | 0   |
| A_116     | 952 / 1111   | 22                                      | 22                                      | 22   | 22  | 965 / 1121   | 22                                      | 22                                      | 22   | 22  | 970 / 1112   | 22                                      | 22                                      | 22   | 1398 / 1527                                   | 17           | 17                                      | 17                                      | 17   | 17  |
| A_117     | 952 / 961    | 11                                      | 11                                      | 11   | 11  | 965 / 974    | 11                                      | 11                                      | 11   | 11  | 970 / 982    | 11                                      | 11                                      | 11   | 1398 / 1412                                   | 6            | 6                                       | 6                                       | 6  | 6   |
| A_118     | 832 / 952    | 24                                      | 24                                      | 24   | 24  | 847 / 965    | 24                                      | 24                                      | 24   | 24  | 866 / 970    | 24                                      | 24                                      | 24   | 1303 / 1398                                   | 19           | 19                                      | 19                                      | 19   | 19  |
| A_119     | 509 / 797    | 20                                      | 20                                      | 20   | 20  | 513 / 809    | 20                                      | 20                                      | 20   | 20  | 494 / 812    | 20                                      | 20                                      | 20   | 919 / 1241                                    | 13           | 13                                      | 13                                      | 13   | 13  |
| A_120     | 371 / 1159   | 28                                      | 28                                      | 28   | 28  | 405 / 1177   | 27                                      | 27                                      | 27   | 27  | 549 / 1210   | 25                                      | 25                                      | 25   | 929 / 1650                                    | 19           | 19                                      | 19                                      | 19   | 19  |



**APPENDIX B, VOL IV DESIGN AND OPERATIONS REPORT  
ACOUSTIC ASSESSMENT REPORT**

Table 10 provides a summary of the noise impact from the Facility's predictable worst case operation at the identified PORs. Although several of the PORs are one-storey dwellings, to remain conservative, receptor heights of 4.5 m representing two-storey dwellings have been used for all Plane of Window (POW) assessments.

**Table 10: Noise Impact Summary – Facility Operations**

| POR ID | POR Description                  | Facility Operating Scenario | Time Period               | SPL Outdoor (dBA) | SPL POW (dBA) | Sound Level Limit (dBA) | Compliance with Sound Level Limit |
|--------|----------------------------------|-----------------------------|---------------------------|-------------------|---------------|-------------------------|-----------------------------------|
| POR01  | Two-storey residential dwelling  | Normal Operations           | Daytime (0700 to 1900)    | 52                | 52            | 65                      | Yes                               |
|        |                                  |                             | Evening (1900 to 2300)    | 40                | 39            | 61                      | Yes                               |
|        |                                  |                             | Night-time (0600 to 0700) | N/A               | 52            | 63                      | Yes                               |
|        |                                  | Essential Operations        | Night-time (2300 to 0600) | N/A               | 38            | 50                      | Yes                               |
| POR02  | One-storey residential dwelling  | Normal Operations           | Daytime (0700 to 1900)    | 43                | 44            | 58                      | Yes                               |
|        |                                  |                             | Evening (1900 to 2300)    | 31                | 32            | 54                      | Yes                               |
|        |                                  |                             | Night-time (0600 to 0700) | N/A               | 44            | 56                      | Yes                               |
|        |                                  | Essential Operations        | Night-time (2300 to 0600) | N/A               | 31            | 47                      | Yes                               |
| POR03  | One -storey residential dwelling | Normal Operations           | Daytime (0700 to 1900)    | 38                | 43            | 58                      | Yes                               |
|        |                                  |                             | Evening (1900 to 2300)    | 26                | 29            | 54                      | Yes                               |
|        |                                  |                             | Night-time (0600 to 0700) | N/A               | 43            | 56                      | Yes                               |
|        |                                  | Essential Operations        | Night-time (2300 to 0600) | N/A               | 27            | 47                      | Yes                               |
| POR04  | Two-storey residential dwelling  | Normal Operations           | Daytime (0700 to 1900)    | 51                | 51            | 65                      | Yes                               |
|        |                                  |                             | Evening (1900 to 2300)    | 39                | 38            | 61                      | Yes                               |
|        |                                  |                             | Night-time (0600 to 0700) | N/A               | 50            | 63                      | Yes                               |
|        |                                  | Essential Operations        | Night-time (2300 to 0600) | N/A               | 36            | 50                      | Yes                               |



**APPENDIX B, VOL IV DESIGN AND OPERATIONS REPORT  
ACOUSTIC ASSESSMENT REPORT**

| <b>POR ID</b> | <b>POR Description</b>           | <b>Facility Operating Scenario</b> | <b>Time Period</b>        | <b>SPL Outdoor (dBA)</b> | <b>SPL POW (dBA)</b> | <b>Sound Level Limit (dBA)</b> | <b>Compliance with Sound Level Limit</b> |
|---------------|----------------------------------|------------------------------------|---------------------------|--------------------------|----------------------|--------------------------------|--|
| POR05         | One -storey residential dwelling | Normal Operations                  | Daytime (0700 to 1900)    | 50                       | 51                   | 65                             | Yes                                      |
|               |                                  |                                    | Evening (1900 to 2300)    | 36                       | 36                   | 61                             | Yes                                      |
|               |                                  |                                    | Night-time (0600 to 0700) | N/A                      | 50                   | 63                             | Yes                                      |
|               |                                  | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 34                   | 50                             | Yes                                      |
| POR06         | One -storey residential dwelling | Normal Operations                  | Daytime (0700 to 1900)    | 48                       | 49                   | 65                             | Yes                                      |
|               |                                  |                                    | Evening (1900 to 2300)    | 34                       | 35                   | 61                             | Yes                                      |
|               |                                  |                                    | Night-time (0600 to 0700) | N/A                      | 49                   | 63                             | Yes                                      |
|               |                                  | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 31                   | 50                             | Yes                                      |
| POR7          | One -storey residential dwelling | Normal Operations                  | Daytime (0700 to 1900)    | 48                       | 49                   | 65                             | Yes                                      |
|               |                                  |                                    | Evening (1900 to 2300)    | 34                       | 35                   | 61                             | Yes                                      |
|               |                                  |                                    | Night-time (0600 to 0700) | N/A                      | 49                   | 63                             | Yes                                      |
|               |                                  | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 31                   | 50                             | Yes                                      |
| POR08         | One -storey residential dwelling | Normal Operations                  | Daytime (0700 to 1900)    | 48                       | 49                   | 65                             | Yes                                      |
|               |                                  |                                    | Evening (1900 to 2300)    | 34                       | 35                   | 61                             | Yes                                      |
|               |                                  |                                    | Night-time (0600 to 0700) | N/A                      | 49                   | 63                             | Yes                                      |
|               |                                  | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 30                   | 50                             | Yes                                      |
| POR09         | One -storey residential dwelling | Normal Operations                  | Daytime (0700 to 1900)    | 48                       | 49                   | 65                             | Yes                                      |
|               |                                  |                                    | Evening (1900 to 2300)    | 33                       | 35                   | 61                             | Yes                                      |
|               |                                  |                                    | Night-time (0600 to 0700) | N/A                      | 49                   | 63                             | Yes                                      |
|               |                                  | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 29                   | 50                             | Yes                                      |



**APPENDIX B, VOL IV DESIGN AND OPERATIONS REPORT  
ACOUSTIC ASSESSMENT REPORT**

| <b>POR ID</b> | <b>POR Description</b>          | <b>Facility Operating Scenario</b> | <b>Time Period</b>        | <b>SPL Outdoor (dBA)</b> | <b>SPL POW (dBA)</b> | <b>Sound Level Limit (dBA)</b> | <b>Compliance with Sound Level Limit</b> |
|---------------|---------------------------------|------------------------------------|---------------------------|--------------------------|----------------------|--------------------------------|--|
| POR10         | Two-storey residential dwelling | Normal Operations                  | Daytime (0700 to 1900)    | 43                       | 45                   | 58                             | Yes                                      |
|               |                                 |                                    | Evening (1900 to 2300)    | 29                       | 31                   | 56                             | Yes                                      |
|               |                                 |                                    | Night-time (0600 to 0700) | N/A                      | 44                   | 58                             | Yes                                      |
|               |                                 | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 25                   | 47                             | Yes                                      |
| VL01          | Vacant Lot                      | Normal Operations                  | Daytime (0700 to 1900)    | 58                       | 59                   | 65                             | Yes                                      |
|               |                                 |                                    | Evening (1900 to 2300)    | 46                       | 46                   | 61                             | Yes                                      |
|               |                                 |                                    | Night-time (0600 to 0700) | N/A                      | 58                   | 63                             | Yes                                      |
|               |                                 | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 45                   | 50                             | Yes                                      |
| VL02          | Vacant Lot                      | Normal Operations                  | Daytime (0700 to 1900)    | 56                       | 56                   | 58                             | Yes                                      |
|               |                                 |                                    | Evening (1900 to 2300)    | 46                       | 46                   | 54                             | Yes                                      |
|               |                                 |                                    | Night-time (0600 to 0700) | N/A                      | 56                   | 56                             | Yes                                      |
|               |                                 | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 45                   | 47                             | Yes                                      |
| VL03          | Vacant Lot                      | Normal Operations                  | Daytime (0700 to 1900)    | 51                       | 51                   | 57                             | Yes                                      |
|               |                                 |                                    | Evening (1900 to 2300)    | 47                       | 47                   | 55                             | Yes                                      |
|               |                                 |                                    | Night-time (0600 to 0700) | N/A                      | 50                   | 54                             | Yes                                      |
|               |                                 | Essential Operations               | Night-time (2300 to 0600) | N/A                      | 45                   | 45                             | Yes                                      |



## **7.0 CONCLUSION**

Golder Associates Ltd. (Golder) was retained by Taggart Miller Environmental Services (Taggart Miller) to prepare an Acoustic Assessment Report (AAR) for the Capital Region Resource Recovery Centre (CRRRC) facility (the Facility) located in Ottawa, Ontario.

Noise measurements at an existing Miller facility and Golder's database of similar sources were used as inputs to a predictive acoustical model to quantify outdoor noise emissions associated with the Facility. Golder predicted noise impacts from the Facility at the sensitive PORs to be below the applicable sound level limits during the predictable worst case hour of Facility operation. Therefore, the Facility is expected to operate in compliance with Ministry of the Environment and Climate Change noise guidelines as specified in NPC-300.



## 8.0 CLOSURE

We trust that this report meets your current needs. If you have any questions, or if we may be of further assistance, please contact the undersigned.

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