

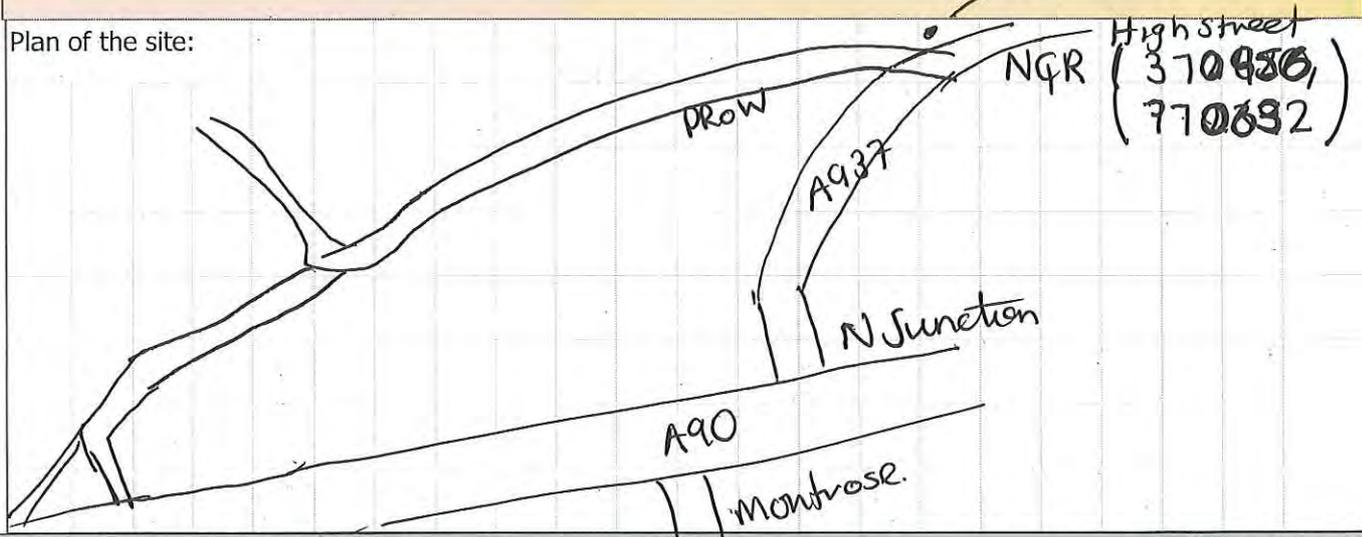
Appendix 9 Noise and Vibration

Project name: A90 Laurencekirk

| | |
|--|--|
| Location and date: | 9/3/17 South junction towards |
| Sampling method: | 3x15mins High Street at PRow. |
| Sound Level Meter: | B+K 2250 |
| Sound Calibrator: | B+K 4231 |
| Other measuring instruments: | Kestrel Anemometer |
| On-site check before measurements: | 93.8 (✓ in the range 93.9±0.3 dB) |
| On-site check after measurements: | 93.8 (✓ in the range 93.9±0.3 dB) |
| Check before and check after Drift: | (✓ <0.5 dB) |
| Time and frequency weighting network used: | Fast (F) time weighting / A frequency weighting |
| Regulation or Standard used: | BS 7445 CRTN |
| Façade location? | <input checked="" type="checkbox"/> No, at least 3.5m from any facade <input type="checkbox"/> Yes, 1m from façade |

| Time and date, position and file ID | Type of noise | Results | Weather conditions | Observations |
|--|---------------|---|---|---|
| 9/3/17 PI LK Folder 10:00-10:15 | RTN | 79.1 dB L _{Amax} 65.4 dB L _{A10} 61.5 dB L _{Aeq} 44.7 dB L _{A90} | Cloud/clear? <u>2okta</u> Wind speed >5m/s? <u>1.1</u> Wind direction: <u>NW</u> Temperature: <u>4°C</u> Rain/fog/frost? <u>dry sunny</u> | A90 RTN heard in the distance. Intermittent RTN on the A987. |
| " 10:15-10:30 | " | 83.4 dB L _{Amax} 65.2 dB L _{A10} 62.3 dB L _{Aeq} 44.2 dB L _{A90} | Cloud/clear? _____ Wind speed >5m/s? _____ Wind direction: _____ Temperature: _____ Rain/fog/frost? _____ | Banging noises Birds tweeting Train passing 10:07 |
| " 10:30-10:45 | " | 78.3 dB L _{Amax} 65.1 dB L _{A10} 60.8 dB L _{Aeq} 44.3 dB L _{A90} | Cloud/clear? _____ Wind speed >5m/s? _____ Wind direction: _____ Temperature: _____ Rain/fog/frost? _____ | Total L _{A10,15mins} = 65.1 L _{A10,18h} = 64.1 |

Plan of the site:





Project name: _____

Note: Include Noise Meter Location National Grid Reference (E, N – 6 digit reference in metres) for each position

Surveyor's Signature:

Michael Sim

Name (capital letters):

N SIM.

Soundscape

To what extent do you presently hear the following noise sources?
(1 = Not audible, 3 = Moderately audible 5 = Dominates completely)

| RTN | Fan noise | Industrial noise | Sound from humans | Natural sounds | Other Sounds | Comments |
|-------------------------|-----------|------------------|-------------------|----------------|--------------|--------------------------------------|
| <i>3 A90 4 A937</i> | <i>/</i> | <i>/</i> | <i>/</i> | <i>3</i> | <i>→</i> | <i>Banging noises every so often</i> |

Overall how would you describe the present sound environment? (1 = Very Good, 3 Neither Good nor Bad 5 = Very Bad)

3.

To what extent do you agree with the 8 statements below on how you experience the present sounding environment? (1 = Agree completely, 3 = Neutral, 5 = Disagree Completely)

| Pleasant | Annoying | Monotonous | Intrusive | Quiet | Eventful | Calm | Low Dynamic Range |
|----------|----------|------------|-----------|----------|----------|----------|-------------------|
| <i>2</i> | <i>3</i> | <i>2</i> | <i>3</i> | <i>5</i> | <i>5</i> | <i>3</i> | <i>/</i> |

Do you find the present surrounding sound environment appropriate for the proposed use for the present place?

| | | |
|---|------------------|--|
| <input checked="" type="checkbox"/> Yes | If "No" why not? | <i>High Street reasonably away from nearest residential within LK side. Farm to the other side</i> |
| <input type="checkbox"/> No | | |

Overall, how would you describe the visual environment?
(1 = Very Good, 3 = Neutral 5 = Very Bad)

Soundmarks: a community sound which is unique, or possesses qualities which make it specially regarded or noticed by the people in that community e.g. church bells (describe those that are)?

- 1)
- 2)
- 3)

Noise Important Area ID:

NONE

Are there differences between the OS Basemap and the actual reality on site? (If so, which ones?)

Yes No. If no, which ones:

Which of the mitigation measures below would you consider feasible in this noise Important Area?

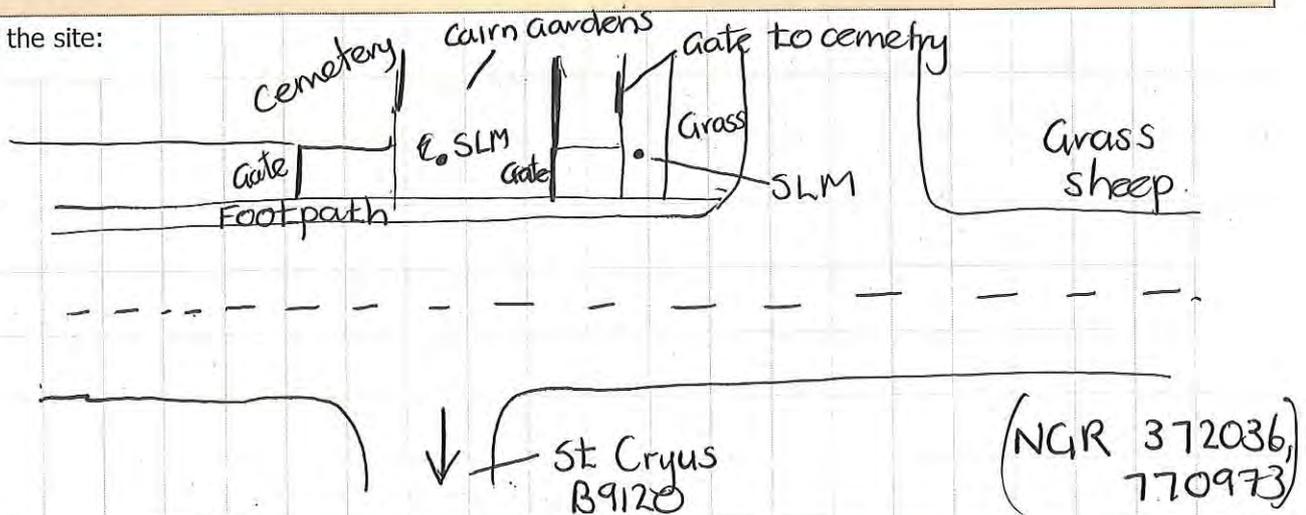
- Vertical or horizontal realignment of the road
- There seems to be enough room for Earth bunds (There is already an earth bund)
- Vertical noise barriers (There is already a vertical noise barrier)
- Low noise surface
- Others: _____

Project name: A90 Laurencekirk

| | |
|--|--|
| Location and date: | 9/3/17 adjacent to A90 Centre Junction |
| Sampling method: | 3 x 15min survey |
| Sound Level Meter: | B+K 2250 |
| Sound Calibrator: | B+K 4231 |
| Other measuring instruments: | Kestrel Anemometer |
| On-site check before measurements: | 93.8 (<input type="checkbox"/> in the range 93.9±0.3 dB) |
| On-site check after measurements: | 93.8 (<input type="checkbox"/> in the range 93.9±0.3 dB) |
| Check before and check after Drift: | 0 (<input type="checkbox"/> <0.5 dB) |
| Time and frequency weighting network used: | Fast (F) time weighting / A frequency weighting FAST/A |
| Regulation or Standard used: | BS 7445 CRTN |
| Façade location? | <input checked="" type="checkbox"/> No, at least 3.5m from any facade <input type="checkbox"/> Yes, 1m from façade |

| Time and date, position and file ID | Type of noise | Results | Weather conditions | Observations |
|---|----------------------------|---|---|---|
| 9/3/17 P3 LK Folder 13:30 - 13:45 | RTN + Back ground | 84.6 dB L _{Amax} 73.2 dB L _{A10} 69.0 dB L _{Aeq} 55.5 dB L _{A90} | Cloud/clear? 2okta Wind speed >5m/s? 1m/s Wind direction: WNW Temperature: 9°C Rain/fog/frost? dry, sunny | HGVs passing often rattling noises from mud flaps Gusts up to 2.2m/s |
| 9/3/17 P3 LK Folder 13:45 - 14:00 | " | 82.8 dB L _{Amax} 73.6 dB L _{A10} 69.3 dB L _{Aeq} 57.3 dB L _{A90} | Cloud/clear? 2okta Wind speed >5m/s? 1.2m/s Wind direction: WNW Temperature: 9°C Rain/fog/frost? dry, sunny | Sheep in the field adj to carriageway NB land flat East elevated |
| 9/3/17 P3 LK Folder 14:00 - 14:15 | " | 83.0 dB L _{Amax} 73.3 dB L _{A10} 69.2 dB L _{Aeq} 57.0 dB L _{A90} | Cloud/clear? 3okta Wind speed >5m/s? 1.2m/s Wind direction: WNW Temperature: 9°C Rain/fog/frost? dry, sunny | Total L ₁₀ ^{15min} = 73.8 LA _{10,18h} = 72.3 |

Plan of the site:



Project name: _____

Note: Include Noise Meter Location National Grid Reference (E, N – 6 digit reference in metres) for each position

Surveyor's Signature:

Nicola Sim

Name (capital letters):

N SIM

| Soundscape | | | | | | | |
|--|------------------|------------------|-------------------|----------------|--------------|----------|-------------------|
| To what extent do you presently hear the following noise sources? (1 = Not audible, 3 = Moderately audible 5 = Dominates completely) | | | | | | | |
| RTN | Fan noise | Industrial noise | Sound from humans | Natural sounds | Other Sounds | Comments | |
| 5 | / | / | / | 3 | / | | |
| Overall how would you describe the present sound environment? (1 = Very Good, 3 Neither Good nor Bad 5 = Very Bad) | | | | 4 | | | |
| To what extent do you agree with the 8 statements below on how you experience the present sounding environment? (1 = Agree completely, 3 = Neutral, 5 = Disagree Completely) | | | | | | | |
| Pleasant | Annoying | Monotonous | Intrusive | Quiet | Eventful | Calm | Low Dynamic Range |
| 4 | 3 | 2 | 4 | 5 | 5 | 4 | / |
| Do you find the present surrounding sound environment appropriate for the proposed use for the present place? | | | | | | | |
| <input checked="" type="checkbox"/> Yes | If "No" why not? | | | | | | |
| <input type="checkbox"/> No | | | | | | | |
| Overall, how would you describe the visual environment? (1 = Very Good, 3 = Neutral 5 = Very Bad) | | | | | | | |
| Soundmarks: a community sound which is unique, or possesses qualities which make it specially regarded or noticed by the people in that community e.g. church bells (describe those that are)? | | | | | | | |
| 1) | | | | | | | |
| 2) | | | | | | | |
| 3) | | | | | | | |

| | |
|---|------|
| Noise Important Area ID: | NONE |
| Are there differences between the OS Basemap and the actual reality on site? (If so, which ones?) | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No. If no, which ones: | |
| Which of the mitigation measures below would you consider feasible in this noise Important Area? | |
| <input type="checkbox"/> Vertical or horizontal realignment of the road | |
| <input type="checkbox"/> There seems to be enough room for Earth bunds (<input type="checkbox"/> There is already an earth bund) | |
| <input type="checkbox"/> Vertical noise barriers (<input type="checkbox"/> There is already a vertical noise barrier) | |
| <input type="checkbox"/> Low noise surface | |
| <input type="checkbox"/> Others: _____ | |

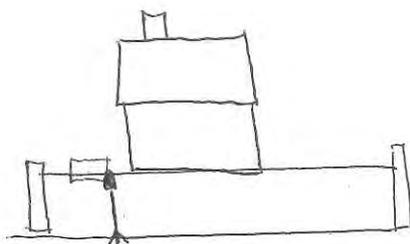
Project Name: A90 Lawrencekirk



| | |
|--|--|
| Location and date: | A90 Lawrencekirk 10/06/2019 |
| Sampling method: | |
| Sound Level Meter: | class 1 sound meter |
| Sound Calibrator: | class 1 calibrator used |
| Other measuring instruments: | N/A. |
| On-site check before measurements: | <input checked="" type="checkbox"/> in the range 93.9±0.3 dB |
| On-site check after measurements: | <input type="checkbox"/> in the range 93.9±0.3 dB |
| Check before and check after Drift: | <input type="checkbox"/> <0.5 dB |
| Time and frequency weighting network used: | Fast (F) time weighting / A frequency weighting |
| Regulation or Standard used: | |
| Façade location? | <input checked="" type="checkbox"/> No, at least 3.5m from any facade <input type="checkbox"/> Yes, 1m from façade |

| Time and date | Position/ File ID | Type of noise | Parameter measured | Values (dB) | Weather conditions & Observations |
|----------------------------|----------------------|---------------|---|----------------------|---|
| Monday 10/06/19 10:42am | | | LA10-62.1dB LA90-51.3dB LAeq-59.1dB | 62.1 51.3 59.1 | Sun shining, no rain. Partly cloudy. |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Plan of the site:



Started at 10:42am
Finish at 11:27am

Note: Include Noise Meter Location National Grid Reference (E, N - 6 digit reference in metres) for each position

Surveyor's Signature:

Name (capital letters):

ADAM KELLY

Appendix 9.2: Traffic Data

| Road Name | Pre-Construction | | | Do-Minimum 2022 | | | Do-Minimum 2032 | | | Do-Something 2022 | | | Do-Something 2032 | | |
|---|------------------|--------------|---------|------------------|--------------|---------|------------------|--------------|---------|-------------------|--------------|---------|-------------------|--------------|---------|
| | Flow (AAWT, 18h) | Speed (kmph) | HGV (%) | Flow (AAWT, 18h) | Speed (kmph) | HGV (%) | Flow (AAWT, 18h) | Speed (kmph) | HGV (%) | Flow (AAWT, 18h) | Speed (kmph) | HGV (%) | Flow (AAWT, 18h) | Speed (kmph) | HGV (%) |
| A90 South Northbound | 9,950 | 107.0 | 19.4 | 14,062 | 105.3 | 15.2 | 15874 | 104.6 | 14.4 | 13,538 | 105.4 | 15.6 | 15,027 | 104.9 | 15.0 |
| A90 South Southbound | 10,500 | 106.2 | 17.3 | 14,396 | 104.4 | 14 | 15611 | 103.3 | 13.8 | 14,539 | 101.4 | 13.9 | 15,766 | 100.6 | 13.7 |
| A90 Central (south of B9120) Northbound | 10,714 | 109.0 | 18.6 | 14,794 | 107.8 | 14.7 | 16507 | 107.2 | 13.9 | 15,684 | 98.3 | 13.7 | 17,474 | 97.8 | 13.0 |
| A90 Central (south of B9120) Southbound | 11,567 | 102.7 | 16.7 | 16,420 | 100.4 | 13.1 | 18071 | 99.6 | 12.7 | 16,688 | 95.9 | 13.0 | 18,343 | 95.1 | 12.6 |
| A90 Central (north of B9120) Northbound | 10,356 | 108.1 | 19.0 | 14,381 | 106.9 | 14.9 | 15919 | 106.4 | 14.2 | 15,320 | 104.9 | 14.0 | 16,991 | 104.4 | 13.4 |
| A90 Central (north of B9120) Southbound | 11,081 | 106.9 | 17.2 | 16,025 | 104.6 | 13.2 | 17616 | 103.5 | 12.9 | 16,304 | 104.4 | 13.1 | 17,963 | 103.5 | 12.8 |
| A90 Between the new slips Northbound | | | | | | | | | | 12,714 | 97.2 | 16.0 | 14,050 | 96.9 | 15.3 |
| A90 Between the new slips Southbound | | | | | | | | | | 13,807 | 100.4 | 14.4 | 14,958 | 100.1 | 14.2 |
| A90 North Northbound | 11,656 | 107.5 | 17.5 | 16,189 | 106.1 | 13.8 | 18309 | 105.4 | 13.1 | 17,162 | 105.6 | 13.0 | 19,502 | 104.8 | 12.3 |
| A90 North Southbound | 12,428 | 106.2 | 15.9 | 17,601 | 103.6 | 12.5 | 19477 | 102.2 | 12.2 | 17,812 | 103.3 | 12.4 | 19,782 | 102.5 | 12.1 |
| A937 Northbound | 1,832 | 100.4 | 7.1 | 1,916 | 100.4 | 6.7 | 1993 | 100.4 | 6.4 | 3,503 | 100.3 | 4.1 | 4,051 | 100.3 | 3.6 |
| A937 Southbound | 2,183 | 101.1 | 8.2 | 3,127 | 101.4 | 5.9 | 3635 | 101.5 | 5.2 | 3,413 | 101.4 | 5.6 | 3,976 | 101.5 | 4.9 |
| B9120 (East) Westbound | 375 | 85.6 | 7.0 | 498 | 86.3 | 4.9 | 555 | 86.1 | 4.6 | 504 | 86.3 | 4.8 | 549 | 85.9 | 4.7 |
| B9120 (East) Eastbound | 370 | 97.5 | 7.5 | 537 | 97.8 | 5.2 | 580 | 98 | 4.7 | 561 | 97.8 | 4.9 | 615 | 98.0 | 4.5 |
| High Street (south of speed limit) Northbound | 1,253 | 68.2 | 6.3 | 1,423 | 68.2 | 6.6 | 1618 | 68.2 | 6.1 | 1,492 | 67.3 | 7.8 | 1,743 | 67.3 | 7.1 |
| High Street (south of speed limit) Southbound | 1,284 | 67.9 | 5.3 | 1,309 | 66.3 | 5.5 | 1400 | 61.2 | 5 | 1,375 | 67.1 | 4.1 | 1,514 | 67.3 | 3.7 |
| High Street South (South of Blackiemuir Ave) Northbound | 1,339 | 33.8 | 6.0 | 1,514 | 33.8 | 6.2 | 1726 | 34 | 5.8 | 1,597 | 34.0 | 7.4 | 1,844 | 34.0 | 6.7 |
| High Street South (South of Blackiemuir Ave) Southbound | 1,326 | 33.8 | 5.1 | 1,360 | 33.8 | 5.2 | 1464 | 34 | 4.8 | 1,435 | 33.8 | 4.0 | 1,576 | 33.8 | 3.7 |
| High Street Central (Blackiemuir Ave to Co-Op) Northbound | 1,730 | 29.8 | 4.2 | 1,981 | 29.5 | 4.2 | 2324 | 29 | 3.9 | 2,084 | 29.6 | 5.2 | 2,499 | 29.1 | 4.9 |
| High Street Central (Blackiemuir Ave to Co-Op) Southbound | 1,674 | 24.3 | 4.1 | 1,808 | 24.1 | 4 | 1996 | 23.5 | 3.9 | 1,837 | 24.1 | 3.3 | 2,032 | 23.5 | 3.2 |
| High Street North (Co-Op to Station Rd) Northbound | 1,966 | 27.2 | 3.8 | 2,336 | 26.2 | 3.7 | 2768 | 25.1 | 3.6 | 2,367 | 27.0 | 4.8 | 2,862 | 25.7 | 4.4 |
| High Street North (Co-Op to Station Rd) Southbound | 1,996 | 26.4 | 3.7 | 2,265 | 26.2 | 3.5 | 2544 | 26.1 | 3.4 | 2,221 | 26.4 | 2.9 | 2,493 | 26.2 | 2.8 |
| Aberdeen Road South Northbound | 2,293 | 34.0 | 4.7 | 2,764 | 34.1 | 4.7 | 3324 | 34.3 | 4.7 | 2,826 | 34.1 | 5.1 | 3,458 | 34.1 | 5.1 |
| Aberdeen Road South Southbound | 2,368 | 30.6 | 4.6 | 2,559 | 30.6 | 4.9 | 2822 | 30.4 | 5.5 | 2,516 | 30.4 | 4.7 | 2,805 | 30.4 | 5.2 |
| Aberdeen Road Central Northbound | 1,541 | 50.4 | 8.5 | 2,269 | 48.4 | 5.2 | 2834 | 48.8 | 5.3 | 2,316 | 48.4 | 5.5 | 2,959 | 48.6 | 5.4 |
| Aberdeen Road Central Southbound | 1,602 | 52.0 | 8.4 | 2,057 | 47 | 6 | 2327 | 47.2 | 6.6 | 2,001 | 47.0 | 5.3 | 2,295 | 47.3 | 5.9 |
| Aberdeen Rd (north of speed limit) Northbound | 1,542 | 79.8 | 8.5 | 2,248 | 71.1 | 5.9 | 2829 | 70.7 | 6 | 2,301 | 71.0 | 6.2 | 2,958 | 70.3 | 6.0 |
| Aberdeen Rd (north of speed limit) Southbound | 1,601 | 75.8 | 8.4 | 2,031 | 70.3 | 6.7 | 2315 | 70.2 | 7.2 | 1,980 | 70.7 | 6.0 | 2,288 | 70.3 | 6.6 |
| Garvock Road Inbound | 767 | 52.5 | 3.4 | 1,004 | 52.5 | 2.9 | 1395 | 52.5 | 2.3 | 950 | 52.5 | 2.2 | 1,330 | 52.5 | 1.8 |
| Garvock Road Outbound | 907 | 52.1 | 2.8 | 1,038 | 52.1 | 2.8 | 1301 | 52.1 | 2.4 | 1,036 | 52.1 | 3.5 | 1,299 | 52.3 | 2.9 |
| Blackiemuir Ave Inbound | 853 | 44.1 | 3.7 | 1,083 | 43.9 | 3.3 | 1227 | 43.5 | 3.2 | 1,161 | 43.6 | 3.1 | 1,386 | 43.0 | 3.0 |
| Blackiemuir Ave Outbound | 831 | 44.7 | 5.4 | 1,084 | 44.7 | 4.6 | 1185 | 44.7 | 4.8 | 1,097 | 44.7 | 4.6 | 1,209 | 44.7 | 4.7 |
| Station Road Inbound | 1,385 | 46.8 | 7.1 | 1,852 | 46.8 | 5.8 | 2562 | 47.5 | 5.1 | 1,907 | 47.0 | 5.7 | 2,620 | 47.5 | 4.9 |
| Station Road Outbound | 1,288 | 51.0 | 8.0 | 1,690 | 51.2 | 6.8 | 2381 | 51.5 | 5.9 | 1,658 | 51.2 | 6.8 | 2,370 | 51.5 | 5.9 |
| New Junction (slips) Northbound Off-slip | | | | | | | | | | 841 | 63.7 | 9.9 | 989 | 63.7 | 8.9 |
| New Junction (slips) Northbound On-slip | | | | | | | | | | 2,964 | 76.4 | 3.4 | 3,417 | 76.4 | 3.2 |
| New Junction (slips) Southbound Off-slip | | | | | | | | | | 2,880 | 64.7 | 6.1 | 3,383 | 64.5 | 5.2 |
| New Junction (slips) Southbound On-slip | | | | | | | | | | 734 | 76.8 | 6.4 | 812 | 77.1 | 5.6 |
| New Overbridge Westbound | | | | | | | | | | 3,514 | 44.7 | 3.8 | 4,067 | 44.6 | 3.4 |
| New Overbridge Eastbound | | | | | | | | | | 1,274 | 47.0 | 4.2 | 1,416 | 47.0 | 3.7 |
| West Dumbbell NW | | | | | | | | | | 4,241 | 22.9 | 3.6 | 4,830 | 22.7 | 3.3 |
| West Dumbbell NE | | | | | | | | | | 1,277 | 22.7 | 4.2 | 1,417 | 22.7 | 3.7 |
| West Dumbbell SE | | | | | | | | | | 3,515 | 27.0 | 3.8 | 4,067 | 27.0 | 3.4 |
| West Dumbbell SW | | | | | | | | | | 4,356 | 16.3 | 5.0 | 5,057 | 16.1 | 4.5 |
| East Dumbbell NW | | | | | | | | | | 1,275 | 25.9 | 4.2 | 1,415 | 25.9 | 3.7 |
| East Dumbbell NE | | | | | | | | | | 4,155 | 19.8 | 5.5 | 4,799 | 19.6 | 4.8 |
| East Dumbbell SE | | | | | | | | | | 4,248 | 16.4 | 4.3 | 4,875 | 16.4 | 3.7 |
| East Dumbbell SW | | | | | | | | | | 3,515 | 21.2 | 3.8 | 4,065 | 21.2 | 3.4 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| Receptor | Floor | dB LA10,18h | | | | Short-term DSby-DMby | Long term | | | dB Lnight,outside | | | Long-term (night) | |
|--|-------|-------------|------|------|------|-------------------------|---------------|---------------|-----------|-------------------|------|------|-------------------|---------------|
| | | DMby | DMfy | DSby | DSfy | | DM comparison | DS comparison | DSfy-DMby | DMby | DMfy | DSfy | DM comparison | DS comparison |
| 1 ALMA TERRACE (SW) | 1 | 61.1 | 63.2 | 61.4 | 63.0 | +0.3 | +2.1 | +1.9 | 48.7 | 50.6 | 50.4 | +1.9 | +1.7 | |
| 2 ALMA TERRACE (SW) | 1 | 61.1 | 63.1 | 61.3 | 62.9 | +0.2 | +2.0 | +1.8 | 48.7 | 50.5 | 50.3 | +1.8 | +1.6 | |
| 3 ALMA TERRACE (SW) | 1 | 61.0 | 62.9 | 61.3 | 62.8 | +0.3 | +1.9 | +1.8 | 48.6 | 50.3 | 50.2 | +1.7 | +1.6 | |
| 7 ALMA TERRACE (SW) | 1 | 61.1 | 63.2 | 61.4 | 63.1 | +0.3 | +2.1 | +2.0 | 48.7 | 50.6 | 50.5 | +1.9 | +1.8 | |
| 8 ALMA TERRACE (SW) | 1 | 61.0 | 63.0 | 61.2 | 62.9 | +0.2 | +2.0 | +1.9 | 48.6 | 50.4 | 50.3 | +1.8 | +1.7 | |
| 9 ALMA TERRACE (SW) | 1 | 60.8 | 62.8 | 61.0 | 62.6 | +0.2 | +2.0 | +1.8 | 48.4 | 50.2 | 50.1 | +1.8 | +1.7 | |
| CLANSHOLM ALMA TERRACE (SW) | 1 | 60.8 | 62.8 | 61.2 | 62.7 | +0.4 | +2.0 | +1.9 | 48.4 | 50.2 | 50.2 | +1.8 | +1.8 | |
| CRAIGNIE ALMA TERRACE (SW) | 1 | 60.9 | 62.9 | 61.2 | 62.7 | +0.3 | +2.0 | +1.8 | 48.5 | 50.3 | 50.2 | +1.8 | +1.7 | |
| GARVOCK VIEW ALMA TERRACE (NE) | 1 | 62.2 | 64.6 | 62.6 | 64.5 | +0.4 | +2.4 | +2.3 | 49.7 | 51.9 | 51.8 | +2.2 | +2.1 | |
| 1 BISSET LANE (NW) | 1 | 67.4 | 68.7 | 67.9 | 68.8 | +0.5 | +1.3 | +1.4 | 54.4 | 55.6 | 55.7 | +1.2 | +1.3 | |
| 2 BISSET LANE (SW) | 1 | 50.8 | 51.7 | 51.3 | 51.9 | +0.5 | +0.9 | +1.1 | 39.4 | 40.3 | 40.4 | +0.9 | +1.0 | |
| 3 BISSET LANE (SE) | 1 | 51.0 | 51.5 | 51.7 | 52.1 | +0.7 | +0.5 | +1.1 | 39.6 | 40.1 | 40.6 | +0.5 | +1.0 | |
| 4 BISSET LANE (NE) | 1 | 48.9 | 49.5 | 49.7 | 50.1 | +0.8 | +0.6 | +1.2 | 37.7 | 38.3 | 38.8 | +0.6 | +1.1 | |
| THE BUNGALOW BISSET LANE (SE) | 1 | 51.7 | 52.2 | 52.3 | 52.6 | +0.6 | +0.5 | +0.9 | 40.3 | 40.7 | 41.1 | +0.4 | +0.8 | |
| 1 BLACKIEMUIR AVENUE (SE) | 1 | 65.0 | 65.8 | 65.6 | 66.3 | +0.6 | +0.8 | +1.3 | 52.2 | 53.0 | 53.4 | +0.8 | +1.2 | |
| 5 BLACKIEMUIR AVENUE (NE) | 1 | 62.5 | 63.9 | 63.3 | 64.4 | +0.8 | +1.4 | +1.9 | 50.0 | 51.2 | 51.7 | +1.2 | +1.7 | |
| 6 BLACKIEMUIR AVENUE (SW) | 1 | 62.7 | 63.9 | 63.3 | 64.4 | +0.6 | +1.2 | +1.7 | 50.2 | 51.2 | 51.7 | +1.0 | +1.5 | |
| 9 BLACKIEMUIR AVENUE (NE) | 1 | 62.6 | 64.0 | 63.4 | 64.4 | +0.8 | +1.4 | +1.8 | 50.1 | 51.3 | 51.7 | +1.2 | +1.6 | |
| 11 BLACKIEMUIR AVENUE (NE) | 1 | 62.6 | 64.0 | 63.4 | 64.5 | +0.8 | +1.4 | +1.9 | 50.1 | 51.3 | 51.8 | +1.2 | +1.7 | |
| 12 BLACKIEMUIR AVENUE (SW) | 1 | 62.9 | 64.3 | 63.7 | 64.8 | +0.8 | +1.4 | +1.9 | 50.3 | 51.6 | 52.1 | +1.3 | +1.8 | |
| 13 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 15 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 16 BLACKIEMUIR AVENUE (SW) | 1 | 62.8 | 64.2 | 63.6 | 64.7 | +0.8 | +1.4 | +1.9 | 50.2 | 51.5 | 52.0 | +1.3 | +1.8 | |
| 17 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 19 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 21 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 23 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 24 BLACKIEMUIR AVENUE (SW) | 1 | 62.2 | 63.6 | 63.1 | 64.2 | +0.9 | +1.4 | +2.0 | 49.7 | 51.0 | 51.5 | +1.3 | +1.8 | |
| 25 BLACKIEMUIR AVENUE (NE) | 1 | 61.7 | 62.9 | 62.3 | 63.4 | +0.6 | +1.2 | +1.7 | 49.3 | 50.3 | 50.8 | +1.0 | +1.5 | |
| 36 BLACKIEMUIR AVENUE (SW) | 1 | 61.8 | 63.1 | 62.6 | 63.5 | +0.8 | +1.3 | +1.7 | 49.3 | 50.5 | 50.9 | +1.2 | +1.6 | |
| 1 GRAMPYAN HOUSE BLACKIEMUIR AVENUE (NE) | 1 | 62.3 | 63.7 | 63.1 | 64.1 | +0.8 | +1.4 | +1.8 | 49.8 | 51.1 | 51.4 | +1.3 | +1.6 | |
| 2 GRAMPYAN HOUSE BLACKIEMUIR AVENUE (NE) | 1 | 62.3 | 63.7 | 63.1 | 64.1 | +0.8 | +1.4 | +1.8 | 49.8 | 51.1 | 51.4 | +1.3 | +1.6 | |
| 3 GRAMPYAN HOUSE BLACKIEMUIR AVENUE (NE) | 1 | 62.3 | 63.7 | 63.1 | 64.1 | +0.8 | +1.4 | +1.8 | 49.8 | 51.1 | 51.4 | +1.3 | +1.6 | |
| 4 GRAMPYAN HOUSE BLACKIEMUIR AVENUE (NE) | 1 | 62.3 | 63.7 | 63.1 | 64.1 | +0.8 | +1.4 | +1.8 | 49.8 | 51.1 | 51.4 | +1.3 | +1.6 | |
| BROOKFIELD BORROWMUIRHILL ROAD (E) | 1 | 64.8 | 65.2 | 68.0 | 68.3 | +3.2 | +0.4 | +3.5 | 52.1 | 52.4 | 55.2 | +0.3 | +3.1 | |
| 1 CAIRN GARDENS (SE) | 1 | 59.4 | 59.9 | 61.9 | 62.2 | +2.5 | +0.5 | +2.8 | 47.2 | 47.6 | 49.7 | +0.4 | +2.5 | |
| 2 CAIRN GARDENS (S) | 1 | 62.3 | 62.8 | 64.6 | 64.9 | +2.3 | +0.5 | +2.6 | 49.8 | 50.2 | 52.1 | +0.4 | +2.3 | |
| 3 CAIRN GARDENS (SE) | 1 | 65.6 | 66.1 | 68.4 | 68.7 | +2.8 | +0.5 | +3.1 | 52.8 | 53.2 | 55.6 | +0.4 | +2.8 | |
| 4 CAIRN GARDENS (SE) | 1 | 65.9 | 66.4 | 68.8 | 69.1 | +2.9 | +0.5 | +3.2 | 53.0 | 53.5 | 55.9 | +0.5 | +2.9 | |
| 1 CAIRNVIEW PLACE (NE) | 1 | 61.1 | 62.6 | 62.1 | 63.0 | +1.0 | +1.5 | +1.9 | 48.7 | 50.1 | 50.4 | +1.4 | +1.7 | |
| 2 CAIRNVIEW PLACE (N) | 1 | 58.9 | 60.0 | 59.5 | 60.2 | +0.6 | +1.1 | +1.3 | 46.7 | 47.7 | 47.9 | +1.0 | +1.2 | |
| 3 CAIRNVIEW PLACE (NW) | 1 | 57.2 | 58.3 | 57.9 | 58.6 | +0.7 | +1.1 | +1.4 | 45.2 | 46.2 | 46.5 | +1.0 | +1.3 | |
| 4 CAIRNVIEW PLACE (E) | 1 | 57.5 | 58.5 | 58.1 | 58.7 | +0.6 | +1.0 | +1.2 | 45.5 | 46.4 | 46.6 | +0.9 | +1.1 | |
| 5 CAIRNVIEW PLACE (NW) | 1 | 54.6 | 55.6 | 55.3 | 55.9 | +0.7 | +1.0 | +1.3 | 42.9 | 43.8 | 44.0 | +0.9 | +1.1 | |
| 6 CAIRNVIEW PLACE (E) | 1 | 55.4 | 56.3 | 56.0 | 56.5 | +0.6 | +0.9 | +1.1 | 43.6 | 44.4 | 44.6 | +0.8 | +1.0 | |
| 7 CAIRNVIEW PLACE (NW) | 1 | 53.0 | 54.0 | 53.7 | 54.2 | +0.7 | +1.0 | +1.2 | 41.4 | 42.3 | 42.5 | +0.9 | +1.1 | |
| 8 CAIRNVIEW PLACE (E) | 1 | 54.6 | 55.5 | 55.2 | 55.7 | +0.6 | +0.9 | +1.1 | 42.9 | 43.7 | 43.9 | +0.8 | +1.0 | |
| 9 CAIRNVIEW PLACE (NE) | 1 | 49.6 | 50.3 | 50.2 | 50.7 | +0.6 | +0.7 | +1.1 | 38.4 | 39.0 | 39.4 | +0.6 | +1.0 | |
| 10 CAIRNVIEW PLACE (SE) | 1 | 51.2 | 51.9 | 51.8 | 52.2 | +0.6 | +0.7 | +1.0 | 39.8 | 40.4 | 40.7 | +0.6 | +0.9 | |
| 11 CAIRNVIEW PLACE (SE) | 1 | 50.3 | 50.9 | 50.9 | 51.2 | +0.6 | +0.6 | +0.9 | 39.0 | 39.5 | 39.8 | +0.5 | +0.8 | |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|--------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 12 CAIRNVIEW PLACE (NE) | 1 | 49.9 | 50.6 | 50.5 | 51.0 | +0.6 | +0.7 | +1.1 | 38.6 | 39.3 | 39.6 | +0.7 | +1.0 |
| 13 CAIRNVIEW PLACE (SW) | 1 | 49.8 | 50.3 | 50.2 | 50.5 | +0.4 | +0.5 | +0.7 | 38.5 | 39.0 | 39.2 | +0.5 | +0.7 |
| 14 CAIRNVIEW PLACE (SE) | 1 | 50.7 | 51.2 | 51.2 | 51.6 | +0.5 | +0.5 | +0.9 | 39.4 | 39.8 | 40.2 | +0.4 | +0.8 |
| 15 CAIRNVIEW PLACE (SE) | 1 | 50.8 | 51.4 | 51.3 | 51.7 | +0.5 | +0.6 | +0.9 | 39.4 | 40.0 | 40.3 | +0.6 | +0.9 |
| 16 CAIRNVIEW PLACE (NE) | 1 | 49.9 | 50.5 | 50.4 | 50.9 | +0.5 | +0.6 | +1.0 | 38.6 | 39.2 | 39.5 | +0.6 | +0.9 |
| 17 CAIRNVIEW PLACE (NE) | 1 | 50.4 | 51.1 | 51.0 | 51.4 | +0.6 | +0.7 | +1.0 | 39.1 | 39.7 | 40.0 | +0.6 | +0.9 |
| 18 CAIRNVIEW PLACE (NE) | 1 | 49.9 | 50.5 | 50.4 | 50.8 | +0.5 | +0.6 | +0.9 | 38.6 | 39.2 | 39.4 | +0.6 | +0.8 |
| 19 CAIRNVIEW PLACE (NE) | 1 | 50.5 | 51.1 | 51.1 | 51.5 | +0.6 | +0.6 | +1.0 | 39.2 | 39.7 | 40.1 | +0.5 | +0.9 |
| 20 CAIRNVIEW PLACE (NE) | 1 | 49.6 | 50.2 | 50.1 | 50.6 | +0.5 | +0.6 | +1.0 | 38.4 | 38.9 | 39.3 | +0.5 | +0.9 |
| 21 CAIRNVIEW PLACE (NE) | 1 | 50.7 | 51.3 | 51.3 | 51.7 | +0.6 | +0.6 | +1.0 | 39.4 | 39.9 | 40.3 | +0.5 | +0.9 |
| 22 CAIRNVIEW PLACE (NE) | 1 | 51.6 | 52.3 | 52.1 | 52.6 | +0.5 | +0.7 | +1.0 | 40.2 | 40.8 | 41.1 | +0.6 | +0.9 |
| 23 CAIRNVIEW PLACE (SE) | 1 | 52.1 | 52.6 | 52.7 | 53.0 | +0.6 | +0.5 | +0.9 | 40.6 | 41.1 | 41.4 | +0.5 | +0.8 |
| 24 CAIRNVIEW PLACE (NE) | 1 | 51.4 | 52.1 | 51.9 | 52.3 | +0.5 | +0.7 | +0.9 | 40.0 | 40.6 | 40.8 | +0.6 | +0.8 |
| 25 CAIRNVIEW PLACE (SE) | 1 | 52.5 | 53.0 | 53.0 | 53.3 | +0.5 | +0.5 | +0.8 | 41.0 | 41.4 | 41.7 | +0.4 | +0.7 |
| 26 CAIRNVIEW PLACE (NE) | 1 | 52.2 | 52.8 | 52.6 | 53.1 | +0.4 | +0.6 | +0.9 | 40.7 | 41.2 | 41.5 | +0.5 | +0.8 |
| 27 CAIRNVIEW PLACE (SE) | 1 | 52.4 | 52.9 | 52.9 | 53.2 | +0.5 | +0.5 | +0.8 | 40.9 | 41.3 | 41.6 | +0.4 | +0.7 |
| 28 CAIRNVIEW PLACE (NE) | 1 | 52.2 | 52.8 | 52.6 | 53.1 | +0.4 | +0.6 | +0.9 | 40.7 | 41.2 | 41.5 | +0.5 | +0.8 |
| 29 CAIRNVIEW PLACE (SE) | 1 | 52.2 | 52.7 | 52.7 | 53.0 | +0.5 | +0.5 | +0.8 | 40.7 | 41.2 | 41.4 | +0.5 | +0.7 |
| 30 CAIRNVIEW PLACE (NE) | 1 | 52.2 | 52.8 | 52.6 | 53.1 | +0.4 | +0.6 | +0.9 | 40.7 | 41.2 | 41.5 | +0.5 | +0.8 |
| 31 CAIRNVIEW PLACE (SE) | 1 | 52.0 | 52.5 | 52.5 | 52.8 | +0.5 | +0.5 | +0.8 | 40.5 | 41.0 | 41.2 | +0.5 | +0.7 |
| 32 CAIRNVIEW PLACE (NE) | 1 | 52.2 | 52.7 | 52.6 | 53.0 | +0.4 | +0.5 | +0.8 | 40.7 | 41.2 | 41.4 | +0.5 | +0.7 |
| 33 CAIRNVIEW PLACE (SE) | 1 | 51.7 | 52.2 | 52.2 | 52.5 | +0.5 | +0.5 | +0.8 | 40.3 | 40.7 | 41.0 | +0.4 | +0.7 |
| 34 CAIRNVIEW PLACE (SE) | 1 | 51.2 | 51.6 | 51.5 | 51.9 | +0.3 | +0.4 | +0.7 | 39.8 | 40.2 | 40.4 | +0.4 | +0.6 |
| 35 CAIRNVIEW PLACE (SE) | 1 | 52.0 | 52.4 | 52.5 | 52.8 | +0.5 | +0.4 | +0.8 | 40.5 | 40.9 | 41.2 | +0.4 | +0.7 |
| 36 CAIRNVIEW PLACE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 37 CAIRNVIEW PLACE (SE) | 1 | 51.9 | 52.4 | 52.4 | 52.7 | +0.5 | +0.5 | +0.8 | 40.4 | 40.9 | 41.2 | +0.5 | +0.8 |
| 38 CAIRNVIEW PLACE (SE) | 1 | 50.6 | 51.0 | 51.0 | 51.4 | +0.4 | +0.4 | +0.8 | 39.3 | 39.6 | 40.0 | +0.3 | +0.7 |
| 39 CAIRNVIEW PLACE (SE) | 1 | 51.8 | 52.2 | 52.3 | 52.6 | +0.5 | +0.4 | +0.8 | 40.3 | 40.7 | 41.1 | +0.4 | +0.8 |
| 40 CAIRNVIEW PLACE (SE) | 1 | 50.5 | 51.0 | 51.0 | 51.3 | +0.5 | +0.5 | +0.8 | 39.2 | 39.6 | 39.9 | +0.4 | +0.7 |
| 41 CAIRNVIEW PLACE (SW) | 1 | 49.7 | 50.2 | 50.1 | 50.4 | +0.4 | +0.5 | +0.7 | 38.5 | 38.9 | 39.1 | +0.4 | +0.6 |
| 42 CAIRNVIEW PLACE (SE) | 1 | 50.3 | 50.7 | 50.8 | 51.1 | +0.5 | +0.4 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 43 CAIRNVIEW PLACE (SW) | 1 | 49.7 | 50.2 | 50.1 | 50.4 | +0.4 | +0.5 | +0.7 | 38.5 | 38.9 | 39.1 | +0.4 | +0.6 |
| 44 CAIRNVIEW PLACE (SE) | 1 | 49.8 | 50.2 | 50.3 | 50.6 | +0.5 | +0.4 | +0.8 | 38.5 | 38.9 | 39.3 | +0.4 | +0.8 |
| 45 CAIRNVIEW PLACE (SW) | 1 | 49.7 | 50.2 | 50.1 | 50.4 | +0.4 | +0.5 | +0.7 | 38.5 | 38.9 | 39.1 | +0.4 | +0.6 |
| 46 CAIRNVIEW PLACE (SE) | 1 | 50.3 | 50.8 | 50.8 | 51.1 | +0.5 | +0.5 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 47 CAIRNVIEW PLACE (SW) | 1 | 49.7 | 50.2 | 50.1 | 50.4 | +0.4 | +0.5 | +0.7 | 38.5 | 38.9 | 39.1 | +0.4 | +0.6 |
| 48 CAIRNVIEW PLACE (SE) | 1 | 50.3 | 50.8 | 50.8 | 51.1 | +0.5 | +0.5 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 49 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 50 CAIRNVIEW PLACE (SE) | 1 | 50.4 | 50.8 | 50.8 | 51.1 | +0.4 | +0.4 | +0.7 | 39.1 | 39.4 | 39.7 | +0.3 | +0.6 |
| 51 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 52 CAIRNVIEW PLACE (SE) | 1 | 50.1 | 50.6 | 50.6 | 50.9 | +0.5 | +0.5 | +0.8 | 38.8 | 39.3 | 39.5 | +0.5 | +0.7 |
| 53 CAIRNVIEW PLACE (SW) | 1 | 49.4 | 49.8 | 49.8 | 50.1 | +0.4 | +0.4 | +0.7 | 38.2 | 38.5 | 38.8 | +0.3 | +0.6 |
| 55 CAIRNVIEW PLACE (SW) | 1 | 49.4 | 49.8 | 49.8 | 50.1 | +0.4 | +0.4 | +0.7 | 38.2 | 38.5 | 38.8 | +0.3 | +0.6 |
| 57 CAIRNVIEW PLACE (SW) | 1 | 49.3 | 49.7 | 49.7 | 50.0 | +0.4 | +0.4 | +0.7 | 38.1 | 38.5 | 38.7 | +0.4 | +0.6 |
| 59 CAIRNVIEW PLACE (SW) | 1 | 49.3 | 49.7 | 49.7 | 50.0 | +0.4 | +0.4 | +0.7 | 38.1 | 38.5 | 38.7 | +0.4 | +0.6 |
| 61 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 63 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 65 CAIRNVIEW PLACE (SE) | 1 | 50.2 | 50.7 | 50.7 | 51.1 | +0.5 | +0.5 | +0.9 | 38.9 | 39.4 | 39.7 | +0.5 | +0.8 |
| 67 CAIRNVIEW PLACE (SW) | 1 | 49.5 | 49.9 | 49.9 | 50.2 | +0.4 | +0.4 | +0.7 | 38.3 | 38.6 | 38.9 | +0.3 | +0.6 |
| 69 CAIRNVIEW PLACE (SW) | 1 | 49.5 | 49.9 | 49.9 | 50.2 | +0.4 | +0.4 | +0.7 | 38.3 | 38.6 | 38.9 | +0.3 | +0.6 |
| 71 CAIRNVIEW PLACE (SW) | 1 | 49.5 | 50.0 | 49.9 | 50.2 | +0.4 | +0.5 | +0.7 | 38.3 | 38.7 | 38.9 | +0.4 | +0.6 |
| 73 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 75 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|----------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 77 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.1 | 50.0 | 50.3 | +0.4 | +0.5 | +0.7 | 38.4 | 38.8 | 39.0 | +0.4 | +0.6 |
| 79 CAIRNVIEW PLACE (SW) | 1 | 49.6 | 50.1 | 50.0 | 50.3 | +0.4 | +0.5 | +0.7 | 38.4 | 38.8 | 39.0 | +0.4 | +0.6 |
| 1 CHURCH STREET (SW) | 1 | 53.2 | 53.7 | 54.6 | 55.0 | +1.4 | +0.5 | +1.8 | 41.6 | 42.1 | 43.2 | +0.5 | +1.6 |
| 2 CHURCH STREET (SW) | 1 | 53.3 | 53.8 | 54.7 | 55.0 | +1.4 | +0.5 | +1.7 | 41.7 | 42.1 | 43.2 | +0.4 | +1.5 |
| 3 CHURCH STREET (SE) | 1 | 54.3 | 54.8 | 55.1 | 55.4 | +0.8 | +0.5 | +1.1 | 42.6 | 43.0 | 43.6 | +0.4 | +1.0 |
| 4 CHURCH STREET (SE) | 1 | 53.7 | 54.2 | 55.4 | 55.7 | +1.7 | +0.5 | +2.0 | 42.1 | 42.5 | 43.9 | +0.4 | +1.8 |
| 1 CROWN ALLEY (SW) | 1 | 53.7 | 54.4 | 54.2 | 54.8 | +0.5 | +0.7 | +1.1 | 42.1 | 42.7 | 43.0 | +0.6 | +0.9 |
| 4 FARQUHAR STREET (NE) | 1 | 54.7 | 55.5 | 55.2 | 55.7 | +0.5 | +0.8 | +1.0 | 43.0 | 43.7 | 43.9 | +0.7 | +0.9 |
| 5 FARQUHAR STREET (NE) | 1 | 51.0 | 51.6 | 51.9 | 52.3 | +0.9 | +0.6 | +1.3 | 39.6 | 40.2 | 40.8 | +0.6 | +1.2 |
| 6 FARQUHAR STREET (NE) | 1 | 52.5 | 53.2 | 53.3 | 53.7 | +0.8 | +0.7 | +1.2 | 41.0 | 41.6 | 42.1 | +0.6 | +1.1 |
| 10 FARQUHAR STREET (NE) | 1 | 50.4 | 51.1 | 51.2 | 51.7 | +0.8 | +0.7 | +1.3 | 39.1 | 39.7 | 40.3 | +0.6 | +1.2 |
| ROSEBANK FARQUHAR STREET (SE) | 1 | 50.5 | 51.1 | 51.2 | 51.6 | +0.7 | +0.6 | +1.1 | 39.2 | 39.7 | 40.2 | +0.5 | +1.0 |
| BEATTIE LODGE FRAIN DRIVE (SW) | 1 | 61.7 | 62.1 | 65.2 | 65.4 | +3.5 | +0.4 | +3.7 | 49.3 | 49.6 | 52.6 | +0.3 | +3.3 |
| 1 GARDENSTON STREET (SW) | 1 | 52.9 | 53.4 | 54.5 | 54.8 | +1.6 | +0.5 | +1.9 | 41.3 | 41.8 | 43.0 | +0.5 | +1.7 |
| 2 GARDENSTON STREET (SE) | 1 | 62.1 | 63.0 | 63.0 | 63.6 | +0.9 | +0.9 | +1.5 | 49.6 | 50.4 | 51.0 | +0.8 | +1.4 |
| 2 GARDENSTON STREET (SW) | 1 | 55.7 | 56.2 | 56.2 | 56.5 | +0.5 | +0.5 | +0.8 | 43.9 | 44.3 | 44.6 | +0.4 | +0.7 |
| 3 GARDENSTON STREET (SE) | 1 | 51.9 | 52.4 | 53.6 | 53.8 | +1.7 | +0.5 | +1.9 | 40.4 | 40.9 | 42.1 | +0.5 | +1.7 |
| 5 GARDENSTON STREET (SW) | 1 | 50.8 | 51.2 | 52.5 | 52.8 | +1.7 | +0.4 | +2.0 | 39.4 | 39.8 | 41.2 | +0.4 | +1.8 |
| 6 GARDENSTON STREET (SW) | 1 | 55.2 | 55.6 | 55.7 | 56.0 | +0.5 | +0.4 | +0.8 | 43.4 | 43.8 | 44.1 | +0.4 | +0.7 |
| 7 GARDENSTON STREET (SW) | 1 | 48.3 | 48.7 | 49.0 | 49.4 | +0.7 | +0.4 | +1.1 | 37.2 | 37.6 | 38.2 | +0.4 | +1.0 |
| 7 GARDENSTON STREET (SE) | 1 | 50.6 | 51.0 | 52.4 | 52.6 | +1.8 | +0.4 | +2.0 | 39.3 | 39.6 | 41.1 | +0.3 | +1.8 |
| 8 GARDENSTON STREET (SW) | 1 | 54.4 | 54.8 | 55.0 | 55.4 | +0.6 | +0.4 | +1.0 | 42.7 | 43.0 | 43.6 | +0.3 | +0.9 |
| 11 GARDENSTON STREET (SW) | 1 | 50.2 | 50.7 | 51.5 | 51.8 | +1.3 | +0.5 | +1.6 | 38.9 | 39.4 | 40.3 | +0.5 | +1.4 |
| 12 GARDENSTON STREET (SW) | 1 | 54.3 | 54.8 | 55.5 | 55.8 | +1.2 | +0.5 | +1.5 | 42.6 | 43.0 | 43.9 | +0.4 | +1.3 |
| 13 GARDENSTON STREET (SW) | 1 | 49.9 | 50.4 | 51.2 | 51.5 | +1.3 | +0.5 | +1.6 | 38.6 | 39.1 | 40.1 | +0.5 | +1.5 |
| 14 GARDENSTON STREET (SW) | 1 | 53.5 | 54.0 | 54.8 | 55.1 | +1.3 | +0.5 | +1.6 | 41.9 | 42.3 | 43.3 | +0.4 | +1.4 |
| 16 GARDENSTON STREET (SW) | 1 | 52.6 | 53.0 | 53.8 | 54.1 | +1.2 | +0.4 | +1.5 | 41.1 | 41.4 | 42.4 | +0.3 | +1.3 |
| 17 GARDENSTON STREET (SW) | 1 | 49.6 | 50.0 | 51.9 | 52.2 | +2.3 | +0.4 | +2.6 | 38.4 | 38.7 | 40.7 | +0.3 | +2.3 |
| 17 GARDENSTON STREET (SE) | 1 | 49.9 | 50.3 | 51.4 | 51.7 | +1.5 | +0.4 | +1.8 | 38.6 | 39.0 | 40.3 | +0.4 | +1.7 |
| 18 GARDENSTON STREET (SW) | 1 | 52.6 | 53.0 | 53.8 | 54.1 | +1.2 | +0.4 | +1.5 | 41.1 | 41.4 | 42.4 | +0.3 | +1.3 |
| 19 GARDENSTON STREET (SW) | 1 | 48.3 | 48.7 | 50.9 | 51.2 | +2.6 | +0.4 | +2.9 | 37.2 | 37.6 | 39.8 | +0.4 | +2.6 |
| 20 GARDENSTON STREET (SW) | 1 | 52.7 | 53.1 | 54.2 | 54.5 | +1.5 | +0.4 | +1.8 | 41.2 | 41.5 | 42.8 | +0.3 | +1.6 |
| 22 GARDENSTON STREET (SW) | 1 | 52.7 | 53.1 | 54.2 | 54.5 | +1.5 | +0.4 | +1.8 | 41.2 | 41.5 | 42.8 | +0.3 | +1.6 |
| 23 GARDENSTON STREET (SW) | 1 | 49.1 | 49.5 | 51.6 | 51.9 | +2.5 | +0.4 | +2.8 | 37.9 | 38.3 | 40.4 | +0.4 | +2.5 |
| 24 GARDENSTON STREET (SW) | 1 | 52.3 | 52.7 | 53.5 | 53.8 | +1.2 | +0.4 | +1.5 | 40.8 | 41.2 | 42.1 | +0.4 | +1.3 |
| 25 GARDENSTON STREET (SE) | 1 | 49.7 | 50.1 | 51.9 | 52.2 | +2.2 | +0.4 | +2.5 | 38.5 | 38.8 | 40.7 | +0.3 | +2.2 |
| 26 GARDENSTON STREET (SW) | 1 | 52.3 | 52.7 | 53.5 | 53.8 | +1.2 | +0.4 | +1.5 | 40.8 | 41.2 | 42.1 | +0.4 | +1.3 |
| 27 GARDENSTON STREET (SE) | 1 | 50.4 | 50.9 | 52.1 | 52.5 | +1.7 | +0.5 | +2.1 | 39.1 | 39.5 | 41.0 | +0.4 | +1.9 |
| 28 GARDENSTON STREET (SW) | 1 | 51.8 | 52.3 | 52.9 | 53.2 | +1.1 | +0.5 | +1.4 | 40.3 | 40.8 | 41.6 | +0.5 | +1.3 |
| 29 GARDENSTON STREET (SW) | 1 | 50.2 | 50.6 | 53.2 | 53.5 | +3.0 | +0.4 | +3.3 | 38.9 | 39.3 | 41.9 | +0.4 | +3.0 |
| 30 GARDENSTON STREET (SW) | 1 | 51.8 | 52.3 | 52.9 | 53.2 | +1.1 | +0.5 | +1.4 | 40.3 | 40.8 | 41.6 | +0.5 | +1.3 |
| 31 GARDENSTON STREET (SW) | 1 | 49.9 | 50.3 | 53.1 | 53.5 | +3.2 | +0.4 | +3.6 | 38.6 | 39.0 | 41.9 | +0.4 | +3.3 |
| 32 GARDENSTON STREET (SE) | 1 | 51.6 | 52.0 | 52.5 | 52.8 | +0.9 | +0.4 | +1.2 | 40.2 | 40.5 | 41.2 | +0.3 | +1.0 |
| 34 GARDENSTON STREET (SE) | 1 | 51.6 | 52.0 | 52.5 | 52.8 | +0.9 | +0.4 | +1.2 | 40.2 | 40.5 | 41.2 | +0.3 | +1.0 |
| 36 GARDENSTON STREET (SW) | 1 | 51.2 | 51.7 | 52.1 | 52.4 | +0.9 | +0.5 | +1.2 | 39.8 | 40.3 | 40.9 | +0.5 | +1.1 |
| 38 GARDENSTON STREET (SW) | 1 | 51.2 | 51.7 | 52.1 | 52.4 | +0.9 | +0.5 | +1.2 | 39.8 | 40.3 | 40.9 | +0.5 | +1.1 |
| 40 GARDENSTON STREET (SW) | 1 | 52.1 | 52.6 | 53.3 | 53.6 | +1.2 | +0.5 | +1.5 | 40.6 | 41.1 | 42.0 | +0.5 | +1.4 |
| 42 GARDENSTON STREET (SW) | 1 | 49.3 | 49.7 | 50.0 | 50.3 | +0.7 | +0.4 | +1.0 | 38.1 | 38.5 | 39.0 | +0.4 | +0.9 |
| 44 GARDENSTON STREET (SE) | 1 | 48.4 | 48.8 | 48.9 | 49.2 | +0.5 | +0.4 | +0.8 | 37.3 | 37.6 | 38.0 | +0.3 | +0.7 |
| 46 GARDENSTON STREET (SW) | 1 | 47.8 | 48.2 | 48.5 | 48.8 | +0.7 | +0.4 | +1.0 | 36.8 | 37.1 | 37.6 | +0.3 | +0.8 |
| 48 GARDENSTON STREET (SW) | 1 | 47.9 | 48.3 | 48.5 | 48.8 | +0.6 | +0.4 | +0.9 | 36.8 | 37.2 | 37.6 | +0.4 | +0.8 |
| 52 GARDENSTON STREET (SE) | 1 | 49.8 | 50.3 | 51.0 | 51.4 | +1.2 | +0.5 | +1.6 | 38.5 | 39.0 | 40.0 | +0.5 | +1.5 |
| 54 GARDENSTON STREET (SW) | 1 | 49.4 | 49.8 | 50.9 | 51.3 | +1.5 | +0.4 | +1.9 | 38.2 | 38.5 | 39.9 | +0.3 | +1.7 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|-------------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 58 GARDENSTON STREET (SW) | 1 | 47.7 | 48.1 | 48.4 | 48.7 | +0.7 | +0.4 | +1.0 | 36.7 | 37.0 | 37.6 | +0.3 | +0.9 |
| BRAEBURN GARDENSTON STREET (SW) | 1 | 54.6 | 55.1 | 56.8 | 57.1 | +2.2 | +0.5 | +2.5 | 42.9 | 43.3 | 45.1 | +0.4 | +2.2 |
| BROOKLANDS GARDENSTON STREET (SE) | 1 | 55.7 | 56.2 | 57.2 | 57.5 | +1.5 | +0.5 | +1.8 | 43.9 | 44.3 | 45.5 | +0.4 | +1.6 |
| BUNILLIDH GARDENSTON STREET (SW) | 1 | 56.9 | 57.4 | 58.2 | 58.5 | +1.3 | +0.5 | +1.6 | 44.9 | 45.4 | 46.4 | +0.5 | +1.5 |
| CARENA GARDENSTON STREET (SW) | 1 | 53.9 | 54.4 | 55.7 | 55.9 | +1.8 | +0.5 | +2.0 | 42.2 | 42.7 | 44.0 | +0.5 | +1.8 |
| CARMONDALE GARDENSTON STREET (SW) | 1 | 56.1 | 56.7 | 57.5 | 57.8 | +1.4 | +0.6 | +1.7 | 44.2 | 44.8 | 45.7 | +0.6 | +1.5 |
| SOUTHVIEW GARDENSTON STREET (SW) | 1 | 54.7 | 55.1 | 56.5 | 56.8 | +1.8 | +0.4 | +2.1 | 43.0 | 43.3 | 44.8 | +0.3 | +1.8 |
| 1 GARVOCK COURT (SE) | 1 | 62.3 | 63.2 | 62.9 | 63.7 | +0.6 | +0.9 | +1.4 | 49.8 | 50.6 | 51.1 | +0.8 | +1.3 |
| 2 GARVOCK COURT (SE) | 1 | 62.3 | 63.2 | 62.9 | 63.7 | +0.6 | +0.9 | +1.4 | 49.8 | 50.6 | 51.1 | +0.8 | +1.3 |
| 3 GARVOCK COURT (SW) | 1 | 53.7 | 54.2 | 54.1 | 54.5 | +0.4 | +0.5 | +0.8 | 42.1 | 42.5 | 42.8 | +0.4 | +0.7 |
| 4 GARVOCK COURT (SW) | 1 | 53.7 | 54.2 | 54.1 | 54.5 | +0.4 | +0.5 | +0.8 | 42.1 | 42.5 | 42.8 | +0.4 | +0.7 |
| 2 GARVOCK ROAD (SW) | 1 | 59.6 | 61.1 | 59.9 | 61.1 | +0.3 | +1.5 | +1.5 | 47.4 | 48.7 | 48.7 | +1.3 | +1.3 |
| 9 GARVOCK ROAD (W) | 1 | 61.1 | 62.8 | 61.5 | 62.9 | +0.4 | +1.7 | +1.8 | 48.7 | 50.2 | 50.3 | +1.5 | +1.6 |
| 10 GARVOCK ROAD (W) | 1 | 60.9 | 62.5 | 61.3 | 62.6 | +0.4 | +1.6 | +1.7 | 48.5 | 50.0 | 50.1 | +1.5 | +1.6 |
| 11 GARVOCK ROAD (W) | 1 | 61.0 | 62.6 | 61.5 | 62.7 | +0.5 | +1.6 | +1.7 | 48.6 | 50.1 | 50.2 | +1.5 | +1.6 |
| ASHBY GARVOCK ROAD (SW) | 1 | 60.5 | 62.2 | 60.8 | 62.3 | +0.3 | +1.7 | +1.8 | 48.2 | 49.7 | 49.8 | +1.5 | +1.6 |
| CLAREMONT GARVOCK ROAD (SW) | 1 | 61.0 | 62.8 | 61.3 | 62.8 | +0.3 | +1.8 | +1.8 | 48.6 | 50.2 | 50.2 | +1.6 | +1.6 |
| DALVEEN GARVOCK ROAD (S) | 1 | 61.9 | 62.8 | 64.5 | 64.9 | +2.6 | +0.9 | +3.0 | 49.4 | 50.2 | 52.1 | +0.8 | +2.7 |
| MELROSE BANK GARVOCK ROAD (SW) | 1 | 59.4 | 61.0 | 59.7 | 60.9 | +0.3 | +1.6 | +1.5 | 47.2 | 48.6 | 48.5 | +1.4 | +1.3 |
| MILLBRECK GARVOCK ROAD (W) | 1 | 60.7 | 62.4 | 61.0 | 62.4 | +0.3 | +1.7 | +1.7 | 48.4 | 49.9 | 49.9 | +1.5 | +1.5 |
| PORT LAING GARVOCK ROAD (SW) | 1 | 60.5 | 62.2 | 60.8 | 62.2 | +0.3 | +1.7 | +1.7 | 48.2 | 49.7 | 49.7 | +1.5 | +1.5 |
| ROCKLEA GARVOCK ROAD (SW) | 1 | 60.6 | 62.2 | 60.9 | 62.3 | +0.3 | +1.6 | +1.7 | 48.3 | 49.7 | 49.8 | +1.4 | +1.5 |
| ST. KILDA GARVOCK ROAD (SW) | 1 | 60.4 | 62.1 | 60.6 | 62.0 | +0.2 | +1.7 | +1.6 | 48.1 | 49.6 | 49.5 | +1.5 | +1.4 |
| 1 GARVOCK STREET (NE) | 1 | 53.5 | 54.1 | 55.2 | 55.6 | +1.7 | +0.6 | +2.1 | 41.9 | 42.4 | 43.8 | +0.5 | +1.9 |
| 2 GARVOCK STREET (SW) | 1 | 52.6 | 53.1 | 55.6 | 55.8 | +3.0 | +0.5 | +3.2 | 41.1 | 41.5 | 43.9 | +0.4 | +2.8 |
| 3 GARVOCK STREET (NE) | 1 | 52.8 | 53.3 | 53.8 | 54.1 | +1.0 | +0.5 | +1.3 | 41.2 | 41.7 | 42.4 | +0.5 | +1.2 |
| 5 GARVOCK STREET (SE) | 1 | 54.0 | 54.5 | 55.9 | 56.3 | +1.9 | +0.5 | +2.3 | 42.3 | 42.8 | 44.4 | +0.5 | +2.1 |
| 6 GARVOCK STREET (SW) | 1 | 53.2 | 53.7 | 56.3 | 56.6 | +3.1 | +0.5 | +3.4 | 41.6 | 42.1 | 44.7 | +0.5 | +3.1 |
| 7 GARVOCK STREET (SE) | 1 | 55.3 | 55.8 | 57.7 | 58.0 | +2.4 | +0.5 | +2.7 | 43.5 | 43.9 | 45.9 | +0.4 | +2.4 |
| 8 GARVOCK STREET (SE) | 1 | 55.4 | 55.8 | 58.0 | 58.3 | +2.6 | +0.4 | +2.9 | 43.6 | 43.9 | 46.2 | +0.3 | +2.6 |
| 9 GARVOCK STREET (SE) | 1 | 55.0 | 55.5 | 57.4 | 57.7 | +2.4 | +0.5 | +2.7 | 43.2 | 43.7 | 45.7 | +0.5 | +2.5 |
| 10 GARVOCK STREET (SE) | 1 | 56.3 | 56.8 | 58.7 | 59.0 | +2.4 | +0.5 | +2.7 | 44.4 | 44.8 | 46.8 | +0.4 | +2.4 |
| 11 GARVOCK STREET (SE) | 1 | 56.6 | 57.1 | 58.1 | 58.5 | +1.5 | +0.5 | +1.9 | 44.7 | 45.1 | 46.4 | +0.4 | +1.7 |
| 13 GARVOCK STREET (NE) | 1 | 56.2 | 56.7 | 58.3 | 58.7 | +2.1 | +0.5 | +2.5 | 44.3 | 44.8 | 46.6 | +0.5 | +2.3 |
| 14 GARVOCK STREET (SE) | 1 | 56.4 | 56.9 | 58.4 | 58.7 | +2.0 | +0.5 | +2.3 | 44.5 | 44.9 | 46.6 | +0.4 | +2.1 |
| 15 GARVOCK STREET (NE) | 1 | 56.8 | 57.4 | 59.7 | 60.0 | +2.9 | +0.6 | +3.2 | 44.8 | 45.4 | 47.7 | +0.6 | +2.9 |
| 16 GARVOCK STREET (SW) | 1 | 56.4 | 56.9 | 58.8 | 59.1 | +2.4 | +0.5 | +2.7 | 44.5 | 44.9 | 46.9 | +0.4 | +2.4 |
| 17 GARVOCK STREET (SE) | 1 | 57.6 | 58.2 | 60.7 | 61.0 | +3.1 | +0.6 | +3.4 | 45.6 | 46.1 | 48.6 | +0.5 | +3.0 |
| 18 GARVOCK STREET (NE) | 1 | 55.0 | 55.5 | 55.8 | 56.1 | +0.8 | +0.5 | +1.1 | 43.2 | 43.7 | 44.2 | +0.5 | +1.0 |
| 19 GARVOCK STREET (SE) | 1 | 58.9 | 59.4 | 62.2 | 62.5 | +3.3 | +0.5 | +3.6 | 46.7 | 47.2 | 50.0 | +0.5 | +3.3 |
| 20 GARVOCK STREET (SE) | 1 | 54.8 | 55.2 | 56.6 | 56.8 | +1.8 | +0.4 | +2.0 | 43.0 | 43.4 | 44.8 | +0.4 | +1.8 |
| 21 GARVOCK STREET (SE) | 1 | 58.9 | 59.4 | 62.2 | 62.5 | +3.3 | +0.5 | +3.6 | 46.7 | 47.2 | 50.0 | +0.5 | +3.3 |
| 22 GARVOCK STREET (SE) | 1 | 56.2 | 56.7 | 58.6 | 58.9 | +2.4 | +0.5 | +2.7 | 44.3 | 44.8 | 46.7 | +0.5 | +2.4 |
| 24 GARVOCK STREET (SE) | 1 | 57.1 | 57.6 | 59.7 | 60.0 | +2.6 | +0.5 | +2.9 | 45.1 | 45.6 | 47.7 | +0.5 | +2.6 |
| 26 GARVOCK STREET (SW) | 1 | 55.9 | 56.4 | 58.3 | 58.6 | +2.4 | +0.5 | +2.7 | 44.0 | 44.5 | 46.5 | +0.5 | +2.5 |
| CAIRN GARDENS GARVOCK STREET (NE) | 1 | 62.1 | 62.6 | 65.4 | 65.7 | +3.3 | +0.5 | +3.6 | 49.6 | 50.1 | 52.9 | +0.5 | +3.3 |
| THE FIRS GARVOCK STREET (SE) | 1 | 58.1 | 58.6 | 61.2 | 61.5 | +3.1 | +0.5 | +3.4 | 46.0 | 46.5 | 49.1 | +0.5 | +3.1 |
| THE LAURELS GARVOCK STREET (NE) | 1 | 58.1 | 58.6 | 61.1 | 61.4 | +3.0 | +0.5 | +3.3 | 46.0 | 46.5 | 49.0 | +0.5 | +3.0 |
| 1 GARVOCKLEA GARDENS (SE) | 1 | 55.3 | 55.8 | 57.3 | 57.6 | +2.0 | +0.5 | +2.3 | 43.5 | 43.9 | 45.6 | +0.4 | +2.1 |
| 2 GARVOCKLEA GARDENS (E) | 1 | 54.1 | 54.6 | 56.0 | 56.3 | +1.9 | +0.5 | +2.2 | 42.4 | 42.9 | 44.4 | +0.5 | +2.0 |
| 3 GARVOCKLEA GARDENS (NE) | 1 | 56.2 | 56.6 | 58.6 | 58.9 | +2.4 | +0.4 | +2.7 | 44.3 | 44.7 | 46.7 | +0.4 | +2.4 |
| 4 GARVOCKLEA GARDENS (SE) | 1 | 54.5 | 54.9 | 56.3 | 56.6 | +1.8 | +0.4 | +2.1 | 42.8 | 43.1 | 44.7 | +0.3 | +1.9 |
| 5 GARVOCKLEA GARDENS (S) | 1 | 57.4 | 57.9 | 60.6 | 60.8 | +3.2 | +0.5 | +3.4 | 45.4 | 45.8 | 48.4 | +0.4 | +3.0 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|--|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 6 GARVOCKLEA GARDENS (SE) | 1 | 54.8 | 55.2 | 56.7 | 57.0 | +1.9 | +0.4 | +2.2 | 43.0 | 43.4 | 45.0 | +0.4 | +2.0 |
| 7 GARVOCKLEA GARDENS (E) | 1 | 57.5 | 58.0 | 60.7 | 61.0 | +3.2 | +0.5 | +3.5 | 45.5 | 45.9 | 48.6 | +0.4 | +3.1 |
| 8 GARVOCKLEA GARDENS (S) | 1 | 54.9 | 55.4 | 57.2 | 57.5 | +2.3 | +0.5 | +2.6 | 43.1 | 43.6 | 45.5 | +0.5 | +2.4 |
| 9 GARVOCKLEA GARDENS (SE) | 1 | 58.0 | 58.4 | 61.2 | 61.4 | +3.2 | +0.4 | +3.4 | 45.9 | 46.3 | 49.0 | +0.4 | +3.1 |
| 10 GARVOCKLEA GARDENS (S) | 1 | 54.6 | 55.0 | 57.2 | 57.5 | +2.6 | +0.4 | +2.9 | 42.9 | 43.2 | 45.5 | +0.3 | +2.6 |
| 11 GARVOCKLEA GARDENS (SE) | 1 | 58.1 | 58.6 | 61.4 | 61.6 | +3.3 | +0.5 | +3.5 | 46.0 | 46.5 | 49.2 | +0.5 | +3.2 |
| 12 GARVOCKLEA GARDENS (SW) | 1 | 52.8 | 53.3 | 54.6 | 54.9 | +1.8 | +0.5 | +2.1 | 41.2 | 41.7 | 43.1 | +0.5 | +1.9 |
| 13 GARVOCKLEA GARDENS (SE) | 1 | 58.1 | 58.5 | 61.4 | 61.7 | +3.3 | +0.4 | +3.6 | 46.0 | 46.4 | 49.3 | +0.4 | +3.3 |
| 14 GARVOCKLEA GARDENS (S) | 1 | 54.0 | 54.5 | 55.7 | 56.0 | +1.7 | +0.5 | +2.0 | 42.3 | 42.8 | 44.1 | +0.5 | +1.8 |
| 15 GARVOCKLEA GARDENS (S) | 1 | 57.8 | 58.3 | 61.2 | 61.4 | +3.4 | +0.5 | +3.6 | 45.7 | 46.2 | 49.0 | +0.5 | +3.3 |
| 16 GARVOCKLEA GARDENS (SE) | 1 | 54.4 | 54.9 | 57.1 | 57.4 | +2.7 | +0.5 | +3.0 | 42.7 | 43.1 | 45.4 | +0.4 | +2.7 |
| 17 GARVOCKLEA GARDENS (E) | 1 | 58.2 | 58.6 | 61.4 | 61.7 | +3.2 | +0.4 | +3.5 | 46.1 | 46.5 | 49.3 | +0.4 | +3.2 |
| 18 GARVOCKLEA GARDENS (SE) | 1 | 55.8 | 56.3 | 58.6 | 58.9 | +2.8 | +0.5 | +3.1 | 43.9 | 44.4 | 46.7 | +0.5 | +2.8 |
| 19 GARVOCKLEA GARDENS (S) | 1 | 56.5 | 57.0 | 59.6 | 59.9 | +3.1 | +0.5 | +3.4 | 44.6 | 45.0 | 47.6 | +0.4 | +3.0 |
| CARINYA GARVOCKLEA GARDENS (SE) | 1 | 54.7 | 55.1 | 56.2 | 56.5 | +1.5 | +0.4 | +1.8 | 43.0 | 43.3 | 44.6 | +0.3 | +1.6 |
| GARVOCKLEA HOUSE GARVOCKLEA GARDENS (SE) | 1 | 54.3 | 54.8 | 55.5 | 55.8 | +1.2 | +0.5 | +1.5 | 42.6 | 43.0 | 43.9 | +0.4 | +1.3 |
| 47 HIGH STREET (SW) | 1 | 61.6 | 62.6 | 61.9 | 62.7 | +0.3 | +1.0 | +1.1 | 49.2 | 50.1 | 50.2 | +0.9 | +1.0 |
| 49 HIGH STREET (NW) | 1 | 67.5 | 68.7 | 68.0 | 68.9 | +0.5 | +1.2 | +1.4 | 54.5 | 55.6 | 55.7 | +1.1 | +1.2 |
| 51 HIGH STREET (NW) | 1 | 67.5 | 68.7 | 68.0 | 68.9 | +0.5 | +1.2 | +1.4 | 54.5 | 55.6 | 55.7 | +1.1 | +1.2 |
| 55 HIGH STREET (NW) | 1 | 67.5 | 68.6 | 67.9 | 68.8 | +0.4 | +1.1 | +1.3 | 54.5 | 55.5 | 55.7 | +1.0 | +1.2 |
| 57 HIGH STREET (NW) | 1 | 67.5 | 68.7 | 67.9 | 68.8 | +0.4 | +1.2 | +1.3 | 54.5 | 55.6 | 55.7 | +1.1 | +1.2 |
| 59 HIGH STREET (NW) | 1 | 67.5 | 68.7 | 67.9 | 68.8 | +0.4 | +1.2 | +1.3 | 54.5 | 55.6 | 55.7 | +1.1 | +1.2 |
| 65 HIGH STREET (NW) | 1 | 67.4 | 68.6 | 67.9 | 68.7 | +0.5 | +1.2 | +1.3 | 54.4 | 55.5 | 55.6 | +1.1 | +1.2 |
| 73 HIGH STREET (NW) | 1 | 67.2 | 68.5 | 67.8 | 68.6 | +0.6 | +1.3 | +1.4 | 54.2 | 55.4 | 55.5 | +1.2 | +1.3 |
| 77 HIGH STREET (NW) | 1 | 67.0 | 68.3 | 67.6 | 68.4 | +0.6 | +1.3 | +1.4 | 54.0 | 55.2 | 55.3 | +1.2 | +1.3 |
| 81 HIGH STREET (NW) | 1 | 66.9 | 68.1 | 67.4 | 68.2 | +0.5 | +1.2 | +1.3 | 53.9 | 55.0 | 55.1 | +1.1 | +1.2 |
| 85 HIGH STREET (NW) | 1 | 67.0 | 68.2 | 67.5 | 68.3 | +0.5 | +1.2 | +1.3 | 54.0 | 55.1 | 55.2 | +1.1 | +1.2 |
| 89 HIGH STREET (NW) | 1 | 66.9 | 68.2 | 67.5 | 68.3 | +0.6 | +1.3 | +1.4 | 53.9 | 55.1 | 55.2 | +1.2 | +1.3 |
| 90 HIGH STREET (SE) | 1 | 67.7 | 69.1 | 68.3 | 69.2 | +0.6 | +1.4 | +1.5 | 54.7 | 55.9 | 56.0 | +1.2 | +1.3 |
| 92 HIGH STREET (SE) | 1 | 67.6 | 69.1 | 68.3 | 69.1 | +0.7 | +1.5 | +1.5 | 54.6 | 55.9 | 55.9 | +1.3 | +1.3 |
| 93 HIGH STREET (NW) | 1 | 67.2 | 68.6 | 67.8 | 68.7 | +0.6 | +1.4 | +1.5 | 54.2 | 55.5 | 55.6 | +1.3 | +1.4 |
| 95 HIGH STREET (NW) | 1 | 67.4 | 68.8 | 68.1 | 68.9 | +0.7 | +1.4 | +1.5 | 54.4 | 55.7 | 55.7 | +1.3 | +1.3 |
| 96 HIGH STREET (SE) | 1 | 67.5 | 68.9 | 68.1 | 69.0 | +0.6 | +1.4 | +1.5 | 54.5 | 55.7 | 55.8 | +1.2 | +1.3 |
| 99 HIGH STREET (NW) | 1 | 67.3 | 68.6 | 67.8 | 68.7 | +0.5 | +1.3 | +1.4 | 54.3 | 55.5 | 55.6 | +1.2 | +1.3 |
| 101 HIGH STREET (NW) | 1 | 67.3 | 68.6 | 67.8 | 68.7 | +0.5 | +1.3 | +1.4 | 54.3 | 55.5 | 55.6 | +1.2 | +1.3 |
| 103 HIGH STREET (NW) | 1 | 66.8 | 68.0 | 67.3 | 68.1 | +0.5 | +1.2 | +1.3 | 53.9 | 54.9 | 55.0 | +1.0 | +1.1 |
| 107 HIGH STREET (NW) | 1 | 66.5 | 67.4 | 66.9 | 67.8 | +0.4 | +0.9 | +1.3 | 53.6 | 54.4 | 54.8 | +0.8 | +1.2 |
| 109 HIGH STREET (NW) | 1 | 66.5 | 67.5 | 67.0 | 67.8 | +0.5 | +1.0 | +1.3 | 53.6 | 54.5 | 54.8 | +0.9 | +1.2 |
| 110 HIGH STREET (SE) | 1 | 65.8 | 66.8 | 66.4 | 67.2 | +0.6 | +1.0 | +1.4 | 53.0 | 53.9 | 54.2 | +0.9 | +1.2 |
| 111 HIGH STREET (NW) | 1 | 66.4 | 67.4 | 66.9 | 67.7 | +0.5 | +1.0 | +1.3 | 53.5 | 54.4 | 54.7 | +0.9 | +1.2 |
| 112 HIGH STREET (SE) | 1 | 65.9 | 66.9 | 66.5 | 67.3 | +0.6 | +1.0 | +1.4 | 53.0 | 53.9 | 54.3 | +0.9 | +1.3 |
| 113 HIGH STREET (NW) | 1 | 66.4 | 67.3 | 66.8 | 67.6 | +0.4 | +0.9 | +1.2 | 53.5 | 54.3 | 54.6 | +0.8 | +1.1 |
| 114 HIGH STREET (SE) | 1 | 66.2 | 67.1 | 66.7 | 67.6 | +0.5 | +0.9 | +1.4 | 53.3 | 54.1 | 54.6 | +0.8 | +1.3 |
| 116 HIGH STREET (SE) | 1 | 66.3 | 67.3 | 66.9 | 67.7 | +0.6 | +1.0 | +1.4 | 53.4 | 54.3 | 54.7 | +0.9 | +1.3 |
| 117 HIGH STREET (NW) | 1 | 66.2 | 67.1 | 66.6 | 67.4 | +0.4 | +0.9 | +1.2 | 53.3 | 54.1 | 54.4 | +0.8 | +1.1 |
| 118 HIGH STREET (SE) | 1 | 66.1 | 67.1 | 66.7 | 67.5 | +0.6 | +1.0 | +1.4 | 53.2 | 54.1 | 54.5 | +0.9 | +1.3 |
| 119 HIGH STREET (NW) | 1 | 66.2 | 67.1 | 66.6 | 67.5 | +0.4 | +0.9 | +1.3 | 53.3 | 54.1 | 54.5 | +0.8 | +1.2 |
| 121 HIGH STREET (NW) | 1 | 66.2 | 67.1 | 66.6 | 67.5 | +0.4 | +0.9 | +1.3 | 53.3 | 54.1 | 54.5 | +0.8 | +1.2 |
| 122 HIGH STREET (SE) | 1 | 65.9 | 66.9 | 66.5 | 67.3 | +0.6 | +1.0 | +1.4 | 53.0 | 53.9 | 54.3 | +0.9 | +1.3 |
| 124 HIGH STREET (SE) | 1 | 65.9 | 66.8 | 66.4 | 67.2 | +0.5 | +0.9 | +1.3 | 53.0 | 53.9 | 54.2 | +0.9 | +1.2 |
| 126 HIGH STREET (SE) | 1 | 66.0 | 66.9 | 66.6 | 67.4 | +0.6 | +0.9 | +1.4 | 53.1 | 53.9 | 54.4 | +0.8 | +1.3 |
| 131 HIGH STREET (NW) | 1 | 65.9 | 66.8 | 66.3 | 67.2 | +0.4 | +0.9 | +1.3 | 53.0 | 53.9 | 54.2 | +0.9 | +1.2 |
| 132 HIGH STREET (SE) | 1 | 66.1 | 67.1 | 66.7 | 67.5 | +0.6 | +1.0 | +1.4 | 53.2 | 54.1 | 54.5 | +0.9 | +1.3 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|-----------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 133 HIGH STREET (NW) | 1 | 57.2 | 57.8 | 57.4 | 58.0 | +0.2 | +0.6 | +0.8 | 45.2 | 45.7 | 45.9 | +0.5 | +0.7 |
| 133 HIGH STREET (NW) | 1 | 65.8 | 66.7 | 66.2 | 67.1 | +0.4 | +0.9 | +1.3 | 53.0 | 53.8 | 54.1 | +0.8 | +1.1 |
| 133 HIGH STREET (NW) | 1 | 65.8 | 66.7 | 66.2 | 67.1 | +0.4 | +0.9 | +1.3 | 53.0 | 53.8 | 54.1 | +0.8 | +1.1 |
| 134 HIGH STREET (SE) | 1 | 66.1 | 67.0 | 66.6 | 67.4 | +0.5 | +0.9 | +1.3 | 53.2 | 54.0 | 54.4 | +0.8 | +1.2 |
| 136 HIGH STREET (SE) | 1 | 66.2 | 67.1 | 66.7 | 67.5 | +0.5 | +0.9 | +1.3 | 53.3 | 54.1 | 54.5 | +0.8 | +1.2 |
| 137 HIGH STREET (NW) | 1 | 66.0 | 66.8 | 66.3 | 67.1 | +0.3 | +0.8 | +1.1 | 53.1 | 53.9 | 54.1 | +0.8 | +1.0 |
| 139 HIGH STREET (NW) | 1 | 66.0 | 66.8 | 66.3 | 67.1 | +0.3 | +0.8 | +1.1 | 53.1 | 53.9 | 54.1 | +0.8 | +1.0 |
| 142 HIGH STREET (SE) | 1 | 65.5 | 66.3 | 65.9 | 66.8 | +0.4 | +0.8 | +1.3 | 52.7 | 53.4 | 53.9 | +0.7 | +1.2 |
| 143 HIGH STREET (NW) | 1 | 66.0 | 66.8 | 66.2 | 67.1 | +0.2 | +0.8 | +1.1 | 53.1 | 53.9 | 54.1 | +0.8 | +1.0 |
| 158 HIGH STREET (SE) | 1 | 65.9 | 66.7 | 66.3 | 67.1 | +0.4 | +0.8 | +1.2 | 53.0 | 53.8 | 54.1 | +0.8 | +1.1 |
| 160 HIGH STREET (SE) | 1 | 65.8 | 66.7 | 66.3 | 67.1 | +0.5 | +0.9 | +1.3 | 53.0 | 53.8 | 54.1 | +0.8 | +1.1 |
| 162 HIGH STREET (SE) | 1 | 65.9 | 66.7 | 66.4 | 67.2 | +0.5 | +0.8 | +1.3 | 53.0 | 53.8 | 54.2 | +0.8 | +1.2 |
| 163 HIGH STREET (NW) | 1 | 64.8 | 65.5 | 65.3 | 66.0 | +0.5 | +0.7 | +1.2 | 52.1 | 52.7 | 53.1 | +0.6 | +1.0 |
| 164 HIGH STREET (SE) | 1 | 65.0 | 65.8 | 65.6 | 66.3 | +0.6 | +0.8 | +1.3 | 52.2 | 53.0 | 53.4 | +0.8 | +1.2 |
| 165 HIGH STREET (NW) | 1 | 57.4 | 58.0 | 57.8 | 58.3 | +0.4 | +0.6 | +0.9 | 45.4 | 45.9 | 46.2 | +0.5 | +0.8 |
| 166 HIGH STREET (SE) | 1 | 65.1 | 65.7 | 65.5 | 66.3 | +0.4 | +0.6 | +1.2 | 52.3 | 52.9 | 53.4 | +0.6 | +1.1 |
| 167 HIGH STREET (NW) | 1 | 64.8 | 65.5 | 65.3 | 66.0 | +0.5 | +0.7 | +1.2 | 52.1 | 52.7 | 53.1 | +0.6 | +1.0 |
| 169 HIGH STREET (NW) | 1 | 64.7 | 65.5 | 65.3 | 66.0 | +0.6 | +0.8 | +1.3 | 52.0 | 52.7 | 53.1 | +0.7 | +1.1 |
| 170 HIGH STREET (SE) | 1 | 65.1 | 65.7 | 65.5 | 66.3 | +0.4 | +0.6 | +1.2 | 52.3 | 52.9 | 53.4 | +0.6 | +1.1 |
| 171 HIGH STREET (NW) | 1 | 60.2 | 60.9 | 60.7 | 61.3 | +0.5 | +0.7 | +1.1 | 47.9 | 48.5 | 48.9 | +0.6 | +1.0 |
| 172 HIGH STREET (SE) | 1 | 64.7 | 65.4 | 65.3 | 66.0 | +0.6 | +0.7 | +1.3 | 52.0 | 52.6 | 53.1 | +0.6 | +1.1 |
| 173 HIGH STREET (NW) | 1 | 60.2 | 60.9 | 60.7 | 61.3 | +0.5 | +0.7 | +1.1 | 47.9 | 48.5 | 48.9 | +0.6 | +1.0 |
| 174 HIGH STREET (SE) | 1 | 64.7 | 65.4 | 65.3 | 66.0 | +0.6 | +0.7 | +1.3 | 52.0 | 52.6 | 53.1 | +0.6 | +1.1 |
| 176 HIGH STREET (SE) | 1 | 64.8 | 65.5 | 65.3 | 66.0 | +0.5 | +0.7 | +1.2 | 52.1 | 52.7 | 53.1 | +0.6 | +1.0 |
| 177 HIGH STREET (NW) | 1 | 64.4 | 65.2 | 65.0 | 65.6 | +0.6 | +0.8 | +1.2 | 51.7 | 52.4 | 52.8 | +0.7 | +1.1 |
| 178 HIGH STREET (SE) | 1 | 64.6 | 65.4 | 65.2 | 65.9 | +0.6 | +0.8 | +1.3 | 51.9 | 52.6 | 53.0 | +0.7 | +1.1 |
| 179 HIGH STREET (NW) | 1 | 64.5 | 65.3 | 65.1 | 65.7 | +0.6 | +0.8 | +1.2 | 51.8 | 52.5 | 52.9 | +0.7 | +1.1 |
| 181 HIGH STREET (NW) | 1 | 64.6 | 65.3 | 65.1 | 65.8 | +0.5 | +0.7 | +1.2 | 51.9 | 52.5 | 53.0 | +0.6 | +1.1 |
| 182 HIGH STREET (SE) | 1 | 64.5 | 65.4 | 65.2 | 65.9 | +0.7 | +0.9 | +1.4 | 51.8 | 52.6 | 53.0 | +0.8 | +1.2 |
| 183 HIGH STREET (NW) | 1 | 64.7 | 65.4 | 65.3 | 65.9 | +0.6 | +0.7 | +1.2 | 52.0 | 52.6 | 53.0 | +0.6 | +1.0 |
| 186 HIGH STREET (SE) | 1 | 64.6 | 65.4 | 65.2 | 65.9 | +0.6 | +0.8 | +1.3 | 51.9 | 52.6 | 53.0 | +0.7 | +1.1 |
| 187 HIGH STREET (NW) | 1 | 64.9 | 65.7 | 65.5 | 66.2 | +0.6 | +0.8 | +1.3 | 52.1 | 52.9 | 53.3 | +0.8 | +1.2 |
| 188 HIGH STREET (SE) | 1 | 64.7 | 65.5 | 65.3 | 66.0 | +0.6 | +0.8 | +1.3 | 52.0 | 52.7 | 53.1 | +0.7 | +1.1 |
| 189 HIGH STREET (NW) | 1 | 64.9 | 65.7 | 65.5 | 66.1 | +0.6 | +0.8 | +1.2 | 52.1 | 52.9 | 53.2 | +0.8 | +1.1 |
| 190 HIGH STREET (SE) | 1 | 64.7 | 65.6 | 65.3 | 66.1 | +0.6 | +0.9 | +1.4 | 52.0 | 52.8 | 53.2 | +0.8 | +1.2 |
| 191 HIGH STREET (NW) | 1 | 62.4 | 63.2 | 63.0 | 63.5 | +0.6 | +0.8 | +1.1 | 49.9 | 50.6 | 50.9 | +0.7 | +1.0 |
| 193 HIGH STREET (NW) | 1 | 62.6 | 63.4 | 63.2 | 63.7 | +0.6 | +0.8 | +1.1 | 50.1 | 50.8 | 51.1 | +0.7 | +1.0 |
| 194 HIGH STREET (SE) | 1 | 64.7 | 65.6 | 65.3 | 66.0 | +0.6 | +0.9 | +1.3 | 52.0 | 52.8 | 53.1 | +0.8 | +1.1 |
| 195 HIGH STREET (NW) | 1 | 62.6 | 63.3 | 63.1 | 63.7 | +0.5 | +0.7 | +1.1 | 50.1 | 50.7 | 51.1 | +0.6 | +1.0 |
| 196 HIGH STREET (SE) | 1 | 64.8 | 65.6 | 65.4 | 66.1 | +0.6 | +0.8 | +1.3 | 52.1 | 52.8 | 53.2 | +0.7 | +1.1 |
| 197 HIGH STREET (NW) | 1 | 62.2 | 63.0 | 62.8 | 63.3 | +0.6 | +0.8 | +1.1 | 49.7 | 50.4 | 50.7 | +0.7 | +1.0 |
| 199 HIGH STREET (NW) | 1 | 64.2 | 64.9 | 64.7 | 65.4 | +0.5 | +0.7 | +1.2 | 51.5 | 52.1 | 52.6 | +0.6 | +1.1 |
| 201 HIGH STREET (NW) | 1 | 64.0 | 64.8 | 64.6 | 65.2 | +0.6 | +0.8 | +1.2 | 51.3 | 52.1 | 52.4 | +0.8 | +1.1 |
| 202 HIGH STREET (SE) | 1 | 64.9 | 65.7 | 65.4 | 66.2 | +0.5 | +0.8 | +1.3 | 52.1 | 52.9 | 53.3 | +0.8 | +1.2 |
| 203 HIGH STREET (NW) | 1 | 64.2 | 64.9 | 64.7 | 65.3 | +0.5 | +0.7 | +1.1 | 51.5 | 52.1 | 52.5 | +0.6 | +1.0 |
| 205 HIGH STREET (NW) | 1 | 64.4 | 65.0 | 64.9 | 65.5 | +0.5 | +0.6 | +1.1 | 51.7 | 52.2 | 52.7 | +0.5 | +1.0 |
| 206 HIGH STREET (SE) | 1 | 65.2 | 66.0 | 65.8 | 66.6 | +0.6 | +0.8 | +1.4 | 52.4 | 53.1 | 53.7 | +0.7 | +1.3 |
| 207 HIGH STREET (NW) | 1 | 64.5 | 65.1 | 65.0 | 65.6 | +0.5 | +0.6 | +1.1 | 51.8 | 52.3 | 52.8 | +0.5 | +1.0 |
| 208 HIGH STREET (SE) | 1 | 65.2 | 66.0 | 65.8 | 66.6 | +0.6 | +0.8 | +1.4 | 52.4 | 53.1 | 53.7 | +0.7 | +1.3 |
| 209 HIGH STREET (NW) | 1 | 64.4 | 65.1 | 64.9 | 65.5 | +0.5 | +0.7 | +1.1 | 51.7 | 52.3 | 52.7 | +0.6 | +1.0 |
| 210 HIGH STREET (SE) | 1 | 65.2 | 66.0 | 65.7 | 66.5 | +0.5 | +0.8 | +1.3 | 52.4 | 53.1 | 53.6 | +0.7 | +1.2 |
| 211 HIGH STREET (NW) | 1 | 64.5 | 65.2 | 65.0 | 65.6 | +0.5 | +0.7 | +1.1 | 51.8 | 52.4 | 52.8 | +0.6 | +1.0 |
| 212 HIGH STREET (SE) | 1 | 65.1 | 66.0 | 65.7 | 66.4 | +0.6 | +0.9 | +1.3 | 52.3 | 53.1 | 53.5 | +0.8 | +1.2 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|----------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 213 HIGH STREET (NW) | 1 | 64.6 | 65.3 | 65.2 | 65.8 | +0.6 | +0.7 | +1.2 | 51.9 | 52.5 | 53.0 | +0.6 | +1.1 |
| 215 HIGH STREET (NW) | 1 | 64.6 | 65.5 | 65.3 | 65.9 | +0.7 | +0.9 | +1.3 | 51.9 | 52.7 | 53.0 | +0.8 | +1.1 |
| 216 HIGH STREET (SE) | 1 | 65.1 | 66.1 | 65.8 | 66.6 | +0.7 | +1.0 | +1.5 | 52.3 | 53.2 | 53.7 | +0.9 | +1.4 |
| 220 HIGH STREET (SE) | 1 | 65.1 | 66.0 | 65.8 | 66.5 | +0.7 | +0.9 | +1.4 | 52.3 | 53.1 | 53.6 | +0.8 | +1.3 |
| 224 HIGH STREET (SE) | 1 | 61.3 | 62.0 | 61.9 | 62.5 | +0.6 | +0.7 | +1.2 | 48.9 | 49.5 | 50.0 | +0.6 | +1.1 |
| 225 HIGH STREET (NW) | 1 | 64.4 | 65.7 | 65.5 | 66.2 | +1.1 | +1.3 | +1.8 | 51.7 | 52.9 | 53.3 | +1.2 | +1.6 |
| 226 HIGH STREET (SE) | 1 | 65.0 | 65.8 | 65.6 | 66.3 | +0.6 | +0.8 | +1.3 | 52.2 | 53.0 | 53.4 | +0.8 | +1.2 |
| 227 HIGH STREET (NW) | 1 | 64.1 | 65.3 | 65.2 | 65.9 | +1.1 | +1.2 | +1.8 | 51.4 | 52.5 | 53.0 | +1.1 | +1.6 |
| 230 HIGH STREET (SE) | 1 | 64.8 | 65.6 | 65.3 | 66.1 | +0.5 | +0.8 | +1.3 | 52.1 | 52.8 | 53.2 | +0.7 | +1.1 |
| 232 HIGH STREET (SE) | 1 | 64.7 | 65.5 | 65.3 | 66.0 | +0.6 | +0.8 | +1.3 | 52.0 | 52.7 | 53.1 | +0.7 | +1.1 |
| 234 HIGH STREET (SE) | 1 | 64.8 | 65.6 | 65.4 | 66.1 | +0.6 | +0.8 | +1.3 | 52.1 | 52.8 | 53.2 | +0.7 | +1.1 |
| 236 HIGH STREET (SE) | 1 | 64.8 | 65.6 | 65.4 | 66.1 | +0.6 | +0.8 | +1.3 | 52.1 | 52.8 | 53.2 | +0.7 | +1.1 |
| 238 HIGH STREET (SE) | 1 | 64.7 | 65.5 | 65.3 | 66.0 | +0.6 | +0.8 | +1.3 | 52.0 | 52.7 | 53.1 | +0.7 | +1.1 |
| 240 HIGH STREET (SE) | 1 | 64.7 | 65.6 | 65.4 | 66.1 | +0.7 | +0.9 | +1.4 | 52.0 | 52.8 | 53.2 | +0.8 | +1.2 |
| 242 HIGH STREET (SE) | 1 | 64.6 | 65.5 | 65.3 | 66.0 | +0.7 | +0.9 | +1.4 | 51.9 | 52.7 | 53.1 | +0.8 | +1.2 |
| 244 HIGH STREET (SW) | 1 | 54.0 | 54.5 | 54.5 | 54.8 | +0.5 | +0.5 | +0.8 | 42.3 | 42.8 | 43.0 | +0.5 | +0.7 |
| 246 HIGH STREET (SE) | 1 | 64.3 | 65.2 | 65.1 | 65.8 | +0.8 | +0.9 | +1.5 | 51.6 | 52.4 | 53.0 | +0.8 | +1.4 |
| 248 HIGH STREET (SE) | 1 | 63.9 | 64.9 | 64.7 | 65.5 | +0.8 | +1.0 | +1.6 | 51.2 | 52.1 | 52.7 | +0.9 | +1.5 |
| 250 HIGH STREET (SE) | 1 | 65.0 | 66.0 | 65.8 | 66.5 | +0.8 | +1.0 | +1.5 | 52.2 | 53.1 | 53.6 | +0.9 | +1.4 |
| 252 HIGH STREET (SE) | 1 | 64.6 | 65.5 | 65.3 | 66.1 | +0.7 | +0.9 | +1.5 | 51.9 | 52.7 | 53.2 | +0.8 | +1.3 |
| 254 HIGH STREET (SE) | 1 | 59.8 | 60.6 | 60.7 | 61.1 | +0.9 | +0.8 | +1.3 | 47.5 | 48.3 | 48.7 | +0.8 | +1.2 |
| 256 HIGH STREET (SE) | 1 | 64.8 | 65.8 | 65.6 | 66.4 | +0.8 | +1.0 | +1.6 | 52.1 | 53.0 | 53.5 | +0.9 | +1.4 |
| 258 HIGH STREET (SE) | 1 | 63.9 | 64.7 | 64.8 | 65.5 | +0.9 | +0.8 | +1.6 | 51.2 | 52.0 | 52.7 | +0.8 | +1.5 |
| 260 HIGH STREET (SE) | 1 | 65.2 | 66.3 | 66.2 | 66.9 | +1.0 | +1.1 | +1.7 | 52.4 | 53.4 | 53.9 | +1.0 | +1.5 |
| 262 HIGH STREET (SW) | 1 | 59.9 | 60.6 | 60.9 | 61.3 | +1.0 | +0.7 | +1.4 | 47.6 | 48.3 | 48.9 | +0.7 | +1.3 |
| THE WEST LODGE HIGH STREET (SW) | 1 | 58.2 | 58.7 | 59.6 | 59.9 | +1.4 | +0.5 | +1.7 | 46.1 | 46.6 | 47.6 | +0.5 | +1.5 |
| 1 JOHNSTON ROAD (SE) | 1 | 56.5 | 56.9 | 59.2 | 59.5 | +2.7 | +0.4 | +3.0 | 44.6 | 44.9 | 47.3 | +0.3 | +2.7 |
| 2 JOHNSTON ROAD (SE) | 1 | 54.1 | 54.6 | 55.3 | 55.6 | +1.2 | +0.5 | +1.5 | 42.4 | 42.9 | 43.8 | +0.5 | +1.4 |
| 3 JOHNSTON ROAD (SE) | 1 | 56.4 | 56.8 | 59.2 | 59.5 | +2.8 | +0.4 | +3.1 | 44.5 | 44.8 | 47.3 | +0.3 | +2.8 |
| 4 JOHNSTON ROAD (SE) | 1 | 54.0 | 54.5 | 55.0 | 55.3 | +1.0 | +0.5 | +1.3 | 42.3 | 42.8 | 43.5 | +0.5 | +1.2 |
| 5 JOHNSTON ROAD (NE) | 1 | 53.6 | 54.0 | 55.8 | 56.1 | +2.2 | +0.4 | +2.5 | 42.0 | 42.3 | 44.2 | +0.3 | +2.2 |
| 6 JOHNSTON ROAD (SE) | 1 | 54.2 | 54.7 | 55.4 | 55.7 | +1.2 | +0.5 | +1.5 | 42.5 | 43.0 | 43.9 | +0.5 | +1.4 |
| 7 JOHNSTON ROAD (SE) | 1 | 56.5 | 57.0 | 59.3 | 59.6 | +2.8 | +0.5 | +3.1 | 44.6 | 45.0 | 47.4 | +0.4 | +2.8 |
| 8 JOHNSTON ROAD (SE) | 1 | 54.8 | 55.3 | 56.9 | 57.2 | +2.1 | +0.5 | +2.4 | 43.0 | 43.5 | 45.2 | +0.5 | +2.2 |
| 9 JOHNSTON ROAD (E) | 1 | 56.7 | 57.2 | 59.3 | 59.6 | +2.6 | +0.5 | +2.9 | 44.8 | 45.2 | 47.4 | +0.4 | +2.6 |
| 10 JOHNSTON ROAD (SE) | 1 | 54.6 | 55.0 | 55.9 | 56.1 | +1.3 | +0.4 | +1.5 | 42.9 | 43.2 | 44.2 | +0.3 | +1.3 |
| 11 JOHNSTON ROAD (E) | 1 | 56.9 | 57.4 | 59.4 | 59.7 | +2.5 | +0.5 | +2.8 | 44.9 | 45.4 | 47.5 | +0.5 | +2.6 |
| 12 JOHNSTON ROAD (SE) | 1 | 54.3 | 54.8 | 55.6 | 55.8 | +1.3 | +0.5 | +1.5 | 42.6 | 43.0 | 43.9 | +0.4 | +1.3 |
| 13 JOHNSTON ROAD (SE) | 1 | 57.2 | 57.6 | 59.5 | 59.7 | +2.3 | +0.4 | +2.5 | 45.2 | 45.6 | 47.5 | +0.4 | +2.3 |
| 14 JOHNSTON ROAD (E) | 1 | 53.8 | 54.3 | 54.9 | 55.1 | +1.1 | +0.5 | +1.3 | 42.1 | 42.6 | 43.3 | +0.5 | +1.2 |
| 15 JOHNSTON ROAD (SE) | 1 | 57.0 | 57.5 | 59.2 | 59.5 | +2.2 | +0.5 | +2.5 | 45.0 | 45.5 | 47.3 | +0.5 | +2.3 |
| 16 JOHNSTON ROAD (E) | 1 | 54.0 | 54.5 | 54.8 | 55.1 | +0.8 | +0.5 | +1.1 | 42.3 | 42.8 | 43.3 | +0.5 | +1.0 |
| 1 JOHNSTON STREET (NE) | 1 | 56.8 | 58.1 | 57.2 | 58.1 | +0.4 | +1.3 | +1.3 | 44.8 | 46.0 | 46.0 | +1.2 | +1.2 |
| 2 JOHNSTON STREET (NE) | 1 | 60.1 | 61.8 | 60.6 | 61.8 | +0.5 | +1.7 | +1.7 | 47.8 | 49.3 | 49.3 | +1.5 | +1.5 |
| 3 JOHNSTON STREET (SE) | 1 | 54.3 | 55.1 | 55.2 | 55.7 | +0.9 | +0.8 | +1.4 | 42.6 | 43.3 | 43.9 | +0.7 | +1.3 |
| 4 JOHNSTON STREET (SE) | 1 | 54.3 | 55.2 | 55.1 | 55.7 | +0.8 | +0.9 | +1.4 | 42.6 | 43.4 | 43.9 | +0.8 | +1.3 |
| 5 JOHNSTON STREET (NW) | 1 | 47.4 | 48.3 | 48.0 | 48.6 | +0.6 | +0.9 | +1.2 | 36.4 | 37.2 | 37.5 | +0.8 | +1.1 |
| 6 JOHNSTON STREET (NE) | 1 | 53.0 | 53.9 | 53.6 | 54.3 | +0.6 | +0.9 | +1.3 | 41.4 | 42.2 | 42.6 | +0.8 | +1.2 |
| 7 JOHNSTON STREET (SE) | 1 | 54.1 | 54.9 | 55.2 | 55.7 | +1.1 | +0.8 | +1.6 | 42.4 | 43.1 | 43.9 | +0.7 | +1.5 |
| 8 JOHNSTON STREET (SE) | 1 | 49.9 | 50.5 | 50.6 | 51.0 | +0.7 | +0.6 | +1.1 | 38.6 | 39.2 | 39.6 | +0.6 | +1.0 |
| 10 JOHNSTON STREET (NE) | 1 | 49.5 | 50.1 | 50.7 | 51.1 | +1.2 | +0.6 | +1.6 | 38.3 | 38.8 | 39.7 | +0.5 | +1.4 |
| 11 JOHNSTON STREET (NE) | 1 | 52.9 | 53.6 | 54.2 | 54.7 | +1.3 | +0.7 | +1.8 | 41.3 | 42.0 | 43.0 | +0.7 | +1.7 |
| 12 JOHNSTON STREET (SE) | 1 | 48.7 | 49.3 | 49.5 | 49.9 | +0.8 | +0.6 | +1.2 | 37.6 | 38.1 | 38.6 | +0.5 | +1.0 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|--------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 14 JOHNSTON STREET (SE) | 1 | 48.7 | 49.3 | 49.5 | 49.8 | +0.8 | +0.6 | +1.1 | 37.6 | 38.1 | 38.5 | +0.5 | +0.9 |
| 15 JOHNSTON STREET (SE) | 1 | 52.1 | 52.8 | 52.9 | 53.3 | +0.8 | +0.7 | +1.2 | 40.6 | 41.2 | 41.7 | +0.6 | +1.1 |
| 16 JOHNSTON STREET (SE) | 1 | 48.8 | 49.3 | 49.5 | 49.9 | +0.7 | +0.5 | +1.1 | 37.6 | 38.1 | 38.6 | +0.5 | +1.0 |
| 17 JOHNSTON STREET (SE) | 1 | 55.0 | 55.6 | 56.3 | 56.7 | +1.3 | +0.6 | +1.7 | 43.2 | 43.8 | 44.8 | +0.6 | +1.6 |
| 18 JOHNSTON STREET (SE) | 1 | 48.9 | 49.4 | 49.7 | 50.0 | +0.8 | +0.5 | +1.1 | 37.7 | 38.2 | 38.7 | +0.5 | +1.0 |
| 19 JOHNSTON STREET (SE) | 1 | 52.9 | 53.4 | 54.7 | 55.0 | +1.8 | +0.5 | +2.1 | 41.3 | 41.8 | 43.2 | +0.5 | +1.9 |
| 20 JOHNSTON STREET (SE) | 1 | 49.3 | 49.8 | 50.0 | 50.3 | +0.7 | +0.5 | +1.0 | 38.1 | 38.5 | 39.0 | +0.4 | +0.9 |
| 21 JOHNSTON STREET (SE) | 1 | 53.3 | 53.8 | 55.1 | 55.4 | +1.8 | +0.5 | +2.1 | 41.7 | 42.1 | 43.6 | +0.4 | +1.9 |
| 22 JOHNSTON STREET (SE) | 1 | 50.1 | 50.7 | 50.9 | 51.2 | +0.8 | +0.6 | +1.1 | 38.8 | 39.4 | 39.8 | +0.6 | +1.0 |
| 25 JOHNSTON STREET (NW) | 1 | 45.2 | 45.8 | 45.8 | 46.2 | +0.6 | +0.6 | +1.0 | 34.4 | 34.9 | 35.3 | +0.5 | +0.9 |
| 26 JOHNSTON STREET (SE) | 1 | 50.5 | 51.0 | 51.2 | 51.5 | +0.7 | +0.5 | +1.0 | 39.2 | 39.6 | 40.1 | +0.4 | +0.9 |
| 28 JOHNSTON STREET (SE) | 1 | 50.8 | 51.3 | 51.5 | 51.8 | +0.7 | +0.5 | +1.0 | 39.4 | 39.9 | 40.3 | +0.5 | +0.9 |
| 29 JOHNSTON STREET (SE) | 1 | 53.2 | 53.8 | 55.1 | 55.5 | +1.9 | +0.6 | +2.3 | 41.6 | 42.1 | 43.7 | +0.5 | +2.1 |
| 30 JOHNSTON STREET (SE) | 1 | 52.7 | 53.2 | 53.4 | 53.7 | +0.7 | +0.5 | +1.0 | 41.2 | 41.6 | 42.1 | +0.4 | +0.9 |
| 31 JOHNSTON STREET (SE) | 1 | 53.9 | 54.4 | 55.6 | 56.0 | +1.7 | +0.5 | +2.1 | 42.2 | 42.7 | 44.1 | +0.5 | +1.9 |
| 33 JOHNSTON STREET (SE) | 1 | 54.0 | 54.5 | 55.9 | 56.2 | +1.9 | +0.5 | +2.2 | 42.3 | 42.8 | 44.3 | +0.5 | +2.0 |
| 34 JOHNSTON STREET (SE) | 1 | 52.8 | 53.2 | 53.5 | 53.9 | +0.7 | +0.4 | +1.1 | 41.2 | 41.6 | 42.2 | +0.4 | +1.0 |
| 35 JOHNSTON STREET (SE) | 1 | 54.8 | 55.3 | 56.5 | 56.8 | +1.7 | +0.5 | +2.0 | 43.0 | 43.5 | 44.8 | +0.5 | +1.8 |
| 36 JOHNSTON STREET (SE) | 1 | 52.9 | 53.3 | 54.5 | 54.8 | +1.6 | +0.4 | +1.9 | 41.3 | 41.7 | 43.0 | +0.4 | +1.7 |
| 37 JOHNSTON STREET (SE) | 1 | 52.1 | 52.6 | 54.3 | 54.6 | +2.2 | +0.5 | +2.5 | 40.6 | 41.1 | 42.9 | +0.5 | +2.3 |
| 38 JOHNSTON STREET (SE) | 1 | 53.0 | 53.4 | 54.8 | 55.1 | +1.8 | +0.4 | +2.1 | 41.4 | 41.8 | 43.3 | +0.4 | +1.9 |
| 39 JOHNSTON STREET (SE) | 1 | 52.9 | 53.4 | 54.9 | 55.3 | +2.0 | +0.5 | +2.4 | 41.3 | 41.8 | 43.5 | +0.5 | +2.2 |
| 40 JOHNSTON STREET (SE) | 1 | 53.1 | 53.6 | 55.0 | 55.3 | +1.9 | +0.5 | +2.2 | 41.5 | 42.0 | 43.5 | +0.5 | +2.0 |
| 42 JOHNSTON STREET (SE) | 1 | 53.3 | 53.8 | 55.2 | 55.5 | +1.9 | +0.5 | +2.2 | 41.7 | 42.1 | 43.7 | +0.4 | +2.0 |
| 44 JOHNSTON STREET (SE) | 1 | 52.0 | 52.4 | 53.0 | 53.3 | +1.0 | +0.4 | +1.3 | 40.5 | 40.9 | 41.7 | +0.4 | +1.2 |
| 46 JOHNSTON STREET (SE) | 1 | 51.6 | 52.1 | 52.3 | 52.6 | +0.7 | +0.5 | +1.0 | 40.2 | 40.6 | 41.1 | +0.4 | +0.9 |
| 48 JOHNSTON STREET (SE) | 1 | 51.9 | 52.4 | 52.6 | 52.9 | +0.7 | +0.5 | +1.0 | 40.4 | 40.9 | 41.3 | +0.5 | +0.9 |
| 49 JOHNSTON STREET (SW) | 1 | 52.6 | 53.1 | 54.6 | 54.9 | +2.0 | +0.5 | +2.3 | 41.1 | 41.5 | 43.1 | +0.4 | +2.0 |
| 50 JOHNSTON STREET (SE) | 1 | 52.2 | 52.7 | 52.9 | 53.2 | +0.7 | +0.5 | +1.0 | 40.7 | 41.2 | 41.6 | +0.5 | +0.9 |
| 53 JOHNSTON STREET (SE) | 1 | 55.5 | 56.0 | 58.0 | 58.3 | +2.5 | +0.5 | +2.8 | 43.7 | 44.1 | 46.2 | +0.4 | +2.5 |
| 55 JOHNSTON STREET (SE) | 1 | 54.0 | 54.5 | 56.0 | 56.3 | +2.0 | +0.5 | +2.3 | 42.3 | 42.8 | 44.4 | +0.5 | +2.1 |
| 59 JOHNSTON STREET (SE) | 1 | 53.4 | 53.8 | 54.7 | 55.0 | +1.3 | +0.4 | +1.6 | 41.8 | 42.1 | 43.2 | +0.3 | +1.4 |
| 61 JOHNSTON STREET (SW) | 1 | 49.6 | 50.1 | 51.6 | 51.9 | +2.0 | +0.5 | +2.3 | 38.4 | 38.8 | 40.4 | +0.4 | +2.0 |
| 63 JOHNSTON STREET (SW) | 1 | 53.6 | 54.0 | 56.3 | 56.6 | +2.7 | +0.4 | +3.0 | 42.0 | 42.3 | 44.7 | +0.3 | +2.7 |
| 65 JOHNSTON STREET (SE) | 1 | 54.2 | 54.6 | 56.8 | 57.1 | +2.6 | +0.4 | +2.9 | 42.5 | 42.9 | 45.1 | +0.4 | +2.6 |
| 67 JOHNSTON STREET (SE) | 1 | 54.4 | 54.9 | 56.9 | 57.2 | +2.5 | +0.5 | +2.8 | 42.7 | 43.1 | 45.2 | +0.4 | +2.5 |
| 69 JOHNSTON STREET (SE) | 1 | 54.7 | 55.1 | 56.7 | 57.0 | +2.0 | +0.4 | +2.3 | 43.0 | 43.3 | 45.0 | +0.3 | +2.0 |
| 71 JOHNSTON STREET (SE) | 1 | 56.1 | 56.5 | 58.4 | 58.7 | +2.3 | +0.4 | +2.6 | 44.2 | 44.6 | 46.6 | +0.4 | +2.4 |
| 73 JOHNSTON STREET (SE) | 1 | 56.3 | 56.8 | 58.7 | 59.0 | +2.4 | +0.5 | +2.7 | 44.4 | 44.8 | 46.8 | +0.4 | +2.4 |
| 1 KINNEAR LANE (NE) | 1 | 54.8 | 55.2 | 55.9 | 56.3 | +1.1 | +0.4 | +1.5 | 43.0 | 43.4 | 44.4 | +0.4 | +1.4 |
| 2 KINNEAR LANE (NE) | 1 | 54.1 | 54.6 | 55.4 | 55.7 | +1.3 | +0.5 | +1.6 | 42.4 | 42.9 | 43.9 | +0.5 | +1.5 |
| 3 KINNEAR LANE (SE) | 1 | 54.0 | 54.5 | 55.4 | 55.7 | +1.4 | +0.5 | +1.7 | 42.3 | 42.8 | 43.9 | +0.5 | +1.6 |
| THE HEDGES KINNEAR LANE (SE) | 1 | 56.2 | 56.7 | 58.0 | 58.3 | +1.8 | +0.5 | +2.1 | 44.3 | 44.8 | 46.2 | +0.5 | +1.9 |
| THE STABLE KINNEAR LANE (SE) | 1 | 52.7 | 53.2 | 53.4 | 53.7 | +0.7 | +0.5 | +1.0 | 41.2 | 41.6 | 42.1 | +0.4 | +0.9 |
| 1 KINNEAR SQUARE (SW) | 1 | 57.3 | 57.8 | 58.2 | 58.6 | +0.9 | +0.5 | +1.3 | 45.3 | 45.7 | 46.5 | +0.4 | +1.2 |
| 2 KINNEAR SQUARE (SW) | 1 | 56.6 | 57.1 | 57.8 | 58.1 | +1.2 | +0.5 | +1.5 | 44.7 | 45.1 | 46.0 | +0.4 | +1.3 |
| 3 KINNEAR SQUARE (SE) | 1 | 55.2 | 55.7 | 56.4 | 56.7 | +1.2 | +0.5 | +1.5 | 43.4 | 43.9 | 44.8 | +0.5 | +1.4 |
| 6 KINNEAR SQUARE (SW) | 1 | 56.4 | 56.9 | 57.7 | 58.0 | +1.3 | +0.5 | +1.6 | 44.5 | 44.9 | 45.9 | +0.4 | +1.4 |
| 7 KINNEAR SQUARE (SW) | 1 | 56.3 | 56.8 | 57.6 | 57.9 | +1.3 | +0.5 | +1.6 | 44.4 | 44.8 | 45.8 | +0.4 | +1.4 |
| 9 KINNEAR SQUARE (SW) | 1 | 56.1 | 56.6 | 57.5 | 57.8 | +1.4 | +0.5 | +1.7 | 44.2 | 44.7 | 45.7 | +0.5 | +1.5 |
| 10 KINNEAR SQUARE (SW) | 1 | 56.0 | 56.5 | 57.2 | 57.5 | +1.2 | +0.5 | +1.5 | 44.1 | 44.6 | 45.5 | +0.5 | +1.4 |
| 11 KINNEAR SQUARE (SW) | 1 | 55.6 | 56.1 | 56.7 | 57.0 | +1.1 | +0.5 | +1.4 | 43.8 | 44.2 | 45.0 | +0.4 | +1.2 |
| 11 KINNEAR SQUARE (SW) | 1 | 55.6 | 56.1 | 56.7 | 57.0 | +1.1 | +0.5 | +1.4 | 43.8 | 44.2 | 45.0 | +0.4 | +1.2 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|--------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 12 KINNEAR SQUARE (SW) | 1 | 55.6 | 56.1 | 56.7 | 57.0 | +1.1 | +0.5 | +1.4 | 43.8 | 44.2 | 45.0 | +0.4 | +1.2 |
| 12 KINNEAR SQUARE (SW) | 1 | 55.6 | 56.1 | 56.7 | 57.0 | +1.1 | +0.5 | +1.4 | 43.8 | 44.2 | 45.0 | +0.4 | +1.2 |
| 14 KINNEAR SQUARE (SE) | 1 | 55.8 | 56.3 | 58.8 | 59.1 | +3.0 | +0.5 | +3.3 | 43.9 | 44.4 | 46.9 | +0.5 | +3.0 |
| 15 KINNEAR SQUARE (SW) | 1 | 58.5 | 59.0 | 62.0 | 62.2 | +3.5 | +0.5 | +3.7 | 46.4 | 46.8 | 49.7 | +0.4 | +3.3 |
| 16 KINNEAR SQUARE (NE) | 1 | 58.7 | 59.2 | 62.1 | 62.4 | +3.4 | +0.5 | +3.7 | 46.6 | 47.0 | 49.9 | +0.4 | +3.3 |
| 18 KINNEAR SQUARE (SE) | 1 | 59.7 | 60.2 | 62.7 | 63.0 | +3.0 | +0.5 | +3.3 | 47.5 | 47.9 | 50.4 | +0.4 | +2.9 |
| 19 KINNEAR SQUARE (SE) | 1 | 59.3 | 59.8 | 62.3 | 62.5 | +3.0 | +0.5 | +3.2 | 47.1 | 47.5 | 50.0 | +0.4 | +2.9 |
| 20 KINNEAR SQUARE (SE) | 1 | 58.7 | 59.2 | 61.6 | 61.9 | +2.9 | +0.5 | +3.2 | 46.6 | 47.0 | 49.4 | +0.4 | +2.8 |
| 21 KINNEAR SQUARE (SW) | 1 | 59.6 | 60.1 | 62.6 | 62.8 | +3.0 | +0.5 | +3.2 | 47.4 | 47.8 | 50.2 | +0.4 | +2.8 |
| 22 KINNEAR SQUARE (SE) | 1 | 61.4 | 61.9 | 64.2 | 64.5 | +2.8 | +0.5 | +3.1 | 49.0 | 49.4 | 51.8 | +0.4 | +2.8 |
| 23 KINNEAR SQUARE (SE) | 1 | 61.9 | 62.4 | 64.6 | 64.9 | +2.7 | +0.5 | +3.0 | 49.4 | 49.9 | 52.1 | +0.5 | +2.7 |
| 24 KINNEAR SQUARE (SE) | 1 | 59.5 | 60.0 | 61.7 | 61.9 | +2.2 | +0.5 | +2.4 | 47.3 | 47.7 | 49.4 | +0.4 | +2.1 |
| 25 KINNEAR SQUARE (SW) | 1 | 58.7 | 59.1 | 60.8 | 61.0 | +2.1 | +0.4 | +2.3 | 46.6 | 46.9 | 48.6 | +0.3 | +2.0 |
| 26 KINNEAR SQUARE (SW) | 1 | 58.6 | 59.1 | 60.7 | 60.9 | +2.1 | +0.5 | +2.3 | 46.5 | 46.9 | 48.5 | +0.4 | +2.0 |
| 28 KINNEAR SQUARE (SE) | 1 | 56.2 | 56.6 | 57.7 | 58.0 | +1.5 | +0.4 | +1.8 | 44.3 | 44.7 | 45.9 | +0.4 | +1.6 |
| 30 KINNEAR SQUARE (SW) | 1 | 56.4 | 56.8 | 58.3 | 58.6 | +1.9 | +0.4 | +2.2 | 44.5 | 44.8 | 46.5 | +0.3 | +2.0 |
| 31 KINNEAR SQUARE (SW) | 1 | 56.2 | 56.7 | 58.1 | 58.3 | +1.9 | +0.5 | +2.1 | 44.3 | 44.8 | 46.2 | +0.5 | +1.9 |
| 32 KINNEAR SQUARE (NE) | 1 | 59.2 | 59.9 | 60.0 | 60.5 | +0.8 | +0.7 | +1.3 | 47.0 | 47.6 | 48.2 | +0.6 | +1.2 |
| 33 KINNEAR SQUARE (SW) | 1 | 57.2 | 57.7 | 58.8 | 59.1 | +1.6 | +0.5 | +1.9 | 45.2 | 45.7 | 46.9 | +0.5 | +1.7 |
| 6 KIRKBURN (E) | 1 | 51.6 | 52.1 | 52.5 | 52.8 | +0.9 | +0.5 | +1.2 | 40.2 | 40.6 | 41.2 | +0.4 | +1.0 |
| 8 KIRKBURN (SE) | 1 | 51.6 | 52.2 | 52.3 | 52.7 | +0.7 | +0.6 | +1.1 | 40.2 | 40.7 | 41.2 | +0.5 | +1.0 |
| 9 KIRKBURN (NE) | 1 | 51.6 | 52.0 | 54.5 | 54.9 | +2.9 | +0.4 | +3.3 | 40.2 | 40.5 | 43.1 | +0.3 | +2.9 |
| 10 KIRKBURN (SE) | 1 | 51.6 | 52.2 | 52.4 | 52.8 | +0.8 | +0.6 | +1.2 | 40.2 | 40.7 | 41.2 | +0.5 | +1.0 |
| 11 KIRKBURN (NE) | 1 | 51.7 | 52.1 | 54.5 | 54.8 | +2.8 | +0.4 | +3.1 | 40.3 | 40.6 | 43.0 | +0.3 | +2.7 |
| 12 KIRKBURN (SE) | 1 | 51.3 | 51.8 | 52.1 | 52.5 | +0.8 | +0.5 | +1.2 | 39.9 | 40.3 | 41.0 | +0.4 | +1.1 |
| 13 KIRKBURN (N) | 1 | 51.5 | 52.0 | 53.6 | 53.9 | +2.1 | +0.5 | +2.4 | 40.1 | 40.5 | 42.2 | +0.4 | +2.1 |
| 14 KIRKBURN (SE) | 1 | 51.5 | 51.9 | 52.3 | 52.6 | +0.8 | +0.4 | +1.1 | 40.1 | 40.4 | 41.1 | +0.3 | +1.0 |
| 15 KIRKBURN (N) | 1 | 53.5 | 53.9 | 56.1 | 56.4 | +2.6 | +0.4 | +2.9 | 41.9 | 42.2 | 44.5 | +0.3 | +2.6 |
| 16 KIRKBURN (NE) | 1 | 51.3 | 51.9 | 52.4 | 52.8 | +1.1 | +0.6 | +1.5 | 39.9 | 40.4 | 41.2 | +0.5 | +1.3 |
| 17 KIRKBURN (N) | 1 | 54.2 | 54.6 | 56.5 | 56.9 | +2.3 | +0.4 | +2.7 | 42.5 | 42.9 | 44.9 | +0.4 | +2.4 |
| 19 KIRKBURN (SE) | 1 | 54.6 | 55.1 | 56.8 | 57.1 | +2.2 | +0.5 | +2.5 | 42.9 | 43.3 | 45.1 | +0.4 | +2.2 |
| 20 KIRKBURN (E) | 1 | 51.6 | 52.1 | 52.4 | 52.7 | +0.8 | +0.5 | +1.1 | 40.2 | 40.6 | 41.2 | +0.4 | +1.0 |
| 21 KIRKBURN (NE) | 1 | 57.0 | 57.4 | 60.0 | 60.3 | +3.0 | +0.4 | +3.3 | 45.0 | 45.4 | 48.0 | +0.4 | +3.0 |
| 22 KIRKBURN (E) | 1 | 51.4 | 51.9 | 52.2 | 52.6 | +0.8 | +0.5 | +1.2 | 40.0 | 40.4 | 41.1 | +0.4 | +1.1 |
| 23 KIRKBURN (SE) | 1 | 56.6 | 57.0 | 59.5 | 59.8 | +2.9 | +0.4 | +3.2 | 44.7 | 45.0 | 47.5 | +0.3 | +2.8 |
| 24 KIRKBURN (E) | 1 | 51.8 | 52.2 | 52.6 | 52.9 | +0.8 | +0.4 | +1.1 | 40.3 | 40.7 | 41.3 | +0.4 | +1.0 |
| 25 KIRKBURN (SE) | 1 | 55.8 | 56.1 | 58.7 | 59.0 | +2.9 | +0.3 | +3.2 | 43.9 | 44.2 | 46.8 | +0.3 | +2.9 |
| 26 KIRKBURN (E) | 1 | 52.0 | 52.5 | 52.9 | 53.3 | +0.9 | +0.5 | +1.3 | 40.5 | 41.0 | 41.7 | +0.5 | +1.2 |
| 27 KIRKBURN (SE) | 1 | 54.4 | 54.8 | 55.8 | 56.2 | +1.4 | +0.4 | +1.8 | 42.7 | 43.0 | 44.3 | +0.3 | +1.6 |
| 28 KIRKBURN (SE) | 1 | 53.8 | 54.4 | 54.6 | 55.0 | +0.8 | +0.6 | +1.2 | 42.1 | 42.7 | 43.2 | +0.6 | +1.1 |
| 29 KIRKBURN (NE) | 1 | 57.8 | 58.2 | 60.8 | 61.1 | +3.0 | +0.4 | +3.3 | 45.7 | 46.1 | 48.7 | +0.4 | +3.0 |
| 30 KIRKBURN (SE) | 1 | 54.1 | 54.6 | 54.9 | 55.2 | +0.8 | +0.5 | +1.1 | 42.4 | 42.9 | 43.4 | +0.5 | +1.0 |
| 31 KIRKBURN (SW) | 1 | 53.5 | 54.0 | 54.3 | 54.7 | +0.8 | +0.5 | +1.2 | 41.9 | 42.3 | 43.0 | +0.4 | +1.1 |
| 32 KIRKBURN (E) | 1 | 53.5 | 53.9 | 54.6 | 54.9 | +1.1 | +0.4 | +1.4 | 41.9 | 42.2 | 43.1 | +0.3 | +1.2 |
| 33 KIRKBURN (NE) | 1 | 58.3 | 58.7 | 61.3 | 61.6 | +3.0 | +0.4 | +3.3 | 46.2 | 46.6 | 49.2 | +0.4 | +3.0 |
| 34 KIRKBURN (E) | 1 | 53.3 | 53.8 | 54.4 | 54.7 | +1.1 | +0.5 | +1.4 | 41.7 | 42.1 | 43.0 | +0.4 | +1.3 |
| 36 KIRKBURN (E) | 1 | 53.2 | 53.7 | 54.4 | 54.7 | +1.2 | +0.5 | +1.5 | 41.6 | 42.1 | 43.0 | +0.5 | +1.4 |
| 38 KIRKBURN (E) | 1 | 53.0 | 53.4 | 54.0 | 54.3 | +1.0 | +0.4 | +1.3 | 41.4 | 41.8 | 42.6 | +0.4 | +1.2 |
| 40 KIRKBURN (SE) | 1 | 54.4 | 54.9 | 55.3 | 55.6 | +0.9 | +0.5 | +1.2 | 42.7 | 43.1 | 43.8 | +0.4 | +1.1 |
| 41 KIRKBURN (NE) | 1 | 58.7 | 59.1 | 61.7 | 62.0 | +3.0 | +0.4 | +3.3 | 46.6 | 46.9 | 49.5 | +0.3 | +2.9 |
| 42 KIRKBURN (SE) | 1 | 54.4 | 54.8 | 55.2 | 55.5 | +0.8 | +0.4 | +1.1 | 42.7 | 43.0 | 43.7 | +0.3 | +1.0 |
| 43 KIRKBURN (NE) | 1 | 59.7 | 60.1 | 62.6 | 62.9 | +2.9 | +0.4 | +3.2 | 47.5 | 47.8 | 50.3 | +0.3 | +2.8 |
| 44 KIRKBURN (SE) | 1 | 54.4 | 54.8 | 55.1 | 55.5 | +0.7 | +0.4 | +1.1 | 42.7 | 43.0 | 43.7 | +0.3 | +1.0 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|-----------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 45 KIRKBURN (NE) | 1 | 60.2 | 60.7 | 63.3 | 63.6 | +3.1 | +0.5 | +3.4 | 47.9 | 48.4 | 51.0 | +0.5 | +3.1 |
| 46 KIRKBURN (SE) | 1 | 54.6 | 55.1 | 55.6 | 55.9 | +1.0 | +0.5 | +1.3 | 42.9 | 43.3 | 44.0 | +0.4 | +1.1 |
| 47 KIRKBURN (NE) | 1 | 61.1 | 61.5 | 64.4 | 64.7 | +3.3 | +0.4 | +3.6 | 48.7 | 49.1 | 52.0 | +0.4 | +3.3 |
| 48 KIRKBURN (SE) | 1 | 55.2 | 55.6 | 56.2 | 56.5 | +1.0 | +0.4 | +1.3 | 43.4 | 43.8 | 44.6 | +0.4 | +1.2 |
| 49 KIRKBURN (NE) | 1 | 61.6 | 62.1 | 65.0 | 65.3 | +3.4 | +0.5 | +3.7 | 49.2 | 49.6 | 52.5 | +0.4 | +3.3 |
| 50 KIRKBURN (SE) | 1 | 54.9 | 55.4 | 55.8 | 56.1 | +0.9 | +0.5 | +1.2 | 43.1 | 43.6 | 44.2 | +0.5 | +1.1 |
| 51 KIRKBURN (S) | 1 | 59.8 | 60.2 | 63.1 | 63.4 | +3.3 | +0.4 | +3.6 | 47.5 | 47.9 | 50.8 | +0.4 | +3.3 |
| 52 KIRKBURN (NE) | 1 | 53.9 | 54.4 | 54.8 | 55.2 | +0.9 | +0.5 | +1.3 | 42.2 | 42.7 | 43.4 | +0.5 | +1.2 |
| 53 KIRKBURN (E) | 1 | 63.4 | 63.8 | 66.7 | 67.0 | +3.3 | +0.4 | +3.6 | 50.8 | 51.1 | 54.0 | +0.3 | +3.2 |
| 54 KIRKBURN (SE) | 1 | 55.1 | 55.5 | 56.0 | 56.3 | +0.9 | +0.4 | +1.2 | 43.3 | 43.7 | 44.4 | +0.4 | +1.1 |
| 55 KIRKBURN (E) | 1 | 63.7 | 64.1 | 66.9 | 67.2 | +3.2 | +0.4 | +3.5 | 51.1 | 51.4 | 54.2 | +0.3 | +3.1 |
| 56 KIRKBURN (NE) | 1 | 54.7 | 55.2 | 55.8 | 56.1 | +1.1 | +0.5 | +1.4 | 43.0 | 43.4 | 44.2 | +0.4 | +1.2 |
| 57 KIRKBURN (E) | 1 | 63.9 | 64.4 | 67.1 | 67.4 | +3.2 | +0.5 | +3.5 | 51.2 | 51.7 | 54.4 | +0.5 | +3.2 |
| 58 KIRKBURN (NE) | 1 | 55.2 | 55.6 | 56.3 | 56.6 | +1.1 | +0.4 | +1.4 | 43.4 | 43.8 | 44.7 | +0.4 | +1.3 |
| 59 KIRKBURN (E) | 1 | 64.1 | 64.5 | 67.2 | 67.5 | +3.1 | +0.4 | +3.4 | 51.4 | 51.8 | 54.5 | +0.4 | +3.1 |
| 60 KIRKBURN (NE) | 1 | 55.9 | 56.3 | 56.9 | 57.2 | +1.0 | +0.4 | +1.3 | 44.0 | 44.4 | 45.2 | +0.4 | +1.2 |
| 61 KIRKBURN (N) | 1 | 58.8 | 59.2 | 61.4 | 61.7 | +2.6 | +0.4 | +2.9 | 46.6 | 47.0 | 49.3 | +0.4 | +2.7 |
| 62 KIRKBURN (E) | 1 | 57.1 | 57.6 | 59.2 | 59.5 | +2.1 | +0.5 | +2.4 | 45.1 | 45.6 | 47.3 | +0.5 | +2.2 |
| 63 KIRKBURN (E) | 1 | 65.2 | 65.7 | 68.3 | 68.6 | +3.1 | +0.5 | +3.4 | 52.4 | 52.9 | 55.5 | +0.5 | +3.1 |
| 64 KIRKBURN (E) | 1 | 56.9 | 57.4 | 58.6 | 58.9 | +1.7 | +0.5 | +2.0 | 44.9 | 45.4 | 46.7 | +0.5 | +1.8 |
| 65 KIRKBURN (E) | 1 | 65.8 | 66.2 | 68.7 | 69.0 | +2.9 | +0.4 | +3.2 | 53.0 | 53.3 | 55.8 | +0.3 | +2.8 |
| 66 KIRKBURN (E) | 1 | 56.7 | 57.1 | 57.6 | 57.9 | +0.9 | +0.4 | +1.2 | 44.8 | 45.1 | 45.8 | +0.3 | +1.0 |
| 67 KIRKBURN (E) | 1 | 66.0 | 66.5 | 69.0 | 69.3 | +3.0 | +0.5 | +3.3 | 53.1 | 53.6 | 56.1 | +0.5 | +3.0 |
| 69 KIRKBURN (N) | 1 | 62.3 | 62.7 | 65.7 | 66.0 | +3.4 | +0.4 | +3.7 | 49.8 | 50.2 | 53.1 | +0.4 | +3.3 |
| 70 KIRKBURN (SE) | 1 | 55.2 | 55.7 | 56.1 | 56.4 | +0.9 | +0.5 | +1.2 | 43.4 | 43.9 | 44.5 | +0.5 | +1.1 |
| 71 KIRKBURN (E) | 1 | 66.4 | 66.9 | 69.7 | 70.0 | +3.3 | +0.5 | +3.6 | 53.5 | 53.9 | 56.7 | +0.4 | +3.2 |
| 72 KIRKBURN (NE) | 1 | 55.3 | 55.8 | 56.2 | 56.5 | +0.9 | +0.5 | +1.2 | 43.5 | 43.9 | 44.6 | +0.4 | +1.1 |
| 73 KIRKBURN (E) | 1 | 66.3 | 66.8 | 69.5 | 69.8 | +3.2 | +0.5 | +3.5 | 53.4 | 53.9 | 56.5 | +0.5 | +3.1 |
| 74 KIRKBURN (NE) | 1 | 55.7 | 56.2 | 57.1 | 57.4 | +1.4 | +0.5 | +1.7 | 43.9 | 44.3 | 45.4 | +0.4 | +1.5 |
| 75 KIRKBURN (E) | 1 | 66.8 | 67.2 | 69.8 | 70.1 | +3.0 | +0.4 | +3.3 | 53.9 | 54.2 | 56.8 | +0.3 | +2.9 |
| 76 KIRKBURN (NE) | 1 | 55.7 | 56.2 | 56.9 | 57.2 | +1.2 | +0.5 | +1.5 | 43.9 | 44.3 | 45.2 | +0.4 | +1.3 |
| 77 KIRKBURN (E) | 1 | 66.8 | 67.3 | 69.9 | 70.2 | +3.1 | +0.5 | +3.4 | 53.9 | 54.3 | 56.9 | +0.4 | +3.0 |
| 78 KIRKBURN (E) | 1 | 56.3 | 56.7 | 57.4 | 57.7 | +1.1 | +0.4 | +1.4 | 44.4 | 44.8 | 45.7 | +0.4 | +1.3 |
| 80 KIRKBURN (E) | 1 | 56.1 | 56.6 | 57.0 | 57.3 | +0.9 | +0.5 | +1.2 | 44.2 | 44.7 | 45.3 | +0.5 | +1.1 |
| 82 KIRKBURN (NE) | 1 | 55.3 | 55.8 | 56.3 | 56.6 | +1.0 | +0.5 | +1.3 | 43.5 | 43.9 | 44.7 | +0.4 | +1.2 |
| 84 KIRKBURN (NE) | 1 | 55.8 | 56.3 | 57.6 | 57.9 | +1.8 | +0.5 | +2.1 | 43.9 | 44.4 | 45.8 | +0.5 | +1.9 |
| 86 KIRKBURN (E) | 1 | 56.8 | 57.3 | 58.3 | 58.6 | +1.5 | +0.5 | +1.8 | 44.8 | 45.3 | 46.5 | +0.5 | +1.7 |
| 88 KIRKBURN (E) | 1 | 57.1 | 57.5 | 58.1 | 58.4 | +1.0 | +0.4 | +1.3 | 45.1 | 45.5 | 46.3 | +0.4 | +1.2 |
| 90 KIRKBURN (E) | 1 | 57.8 | 58.3 | 59.2 | 59.5 | +1.4 | +0.5 | +1.7 | 45.7 | 46.2 | 47.3 | +0.5 | +1.6 |
| 92 KIRKBURN (E) | 1 | 59.2 | 59.7 | 61.6 | 61.9 | +2.4 | +0.5 | +2.7 | 47.0 | 47.5 | 49.4 | +0.5 | +2.4 |
| 94 KIRKBURN (E) | 1 | 59.0 | 59.5 | 61.0 | 61.3 | +2.0 | +0.5 | +2.3 | 46.8 | 47.3 | 48.9 | +0.5 | +2.1 |
| 96 KIRKBURN (S) | 1 | 59.0 | 59.5 | 61.4 | 61.7 | +2.4 | +0.5 | +2.7 | 46.8 | 47.3 | 49.3 | +0.5 | +2.5 |
| 98 KIRKBURN (E) | 1 | 59.6 | 60.1 | 62.3 | 62.7 | +2.7 | +0.5 | +3.1 | 47.4 | 47.8 | 50.2 | +0.4 | +2.8 |
| 100 KIRKBURN (E) | 1 | 60.7 | 61.2 | 63.4 | 63.8 | +2.7 | +0.5 | +3.1 | 48.4 | 48.8 | 51.1 | +0.4 | +2.7 |
| 102 KIRKBURN (E) | 1 | 61.3 | 61.8 | 64.0 | 64.3 | +2.7 | +0.5 | +3.0 | 48.9 | 49.3 | 51.6 | +0.4 | +2.7 |
| 104 KIRKBURN (E) | 1 | 61.9 | 62.4 | 64.6 | 64.9 | +2.7 | +0.5 | +3.0 | 49.4 | 49.9 | 52.1 | +0.5 | +2.7 |
| 106 KIRKBURN (E) | 1 | 63.5 | 64.0 | 66.6 | 66.9 | +3.1 | +0.5 | +3.4 | 50.9 | 51.3 | 53.9 | +0.4 | +3.0 |
| 108 KIRKBURN (E) | 1 | 65.3 | 65.8 | 68.5 | 68.8 | +3.2 | +0.5 | +3.5 | 52.5 | 53.0 | 55.7 | +0.5 | +3.2 |
| 110 KIRKBURN (E) | 1 | 65.7 | 66.2 | 68.9 | 69.2 | +3.2 | +0.5 | +3.5 | 52.9 | 53.3 | 56.0 | +0.4 | +3.1 |
| 112 KIRKBURN (E) | 1 | 66.2 | 66.7 | 69.3 | 69.6 | +3.1 | +0.5 | +3.4 | 53.3 | 53.8 | 56.4 | +0.5 | +3.1 |
| 1 MEARNS DRIVE (SW) | 1 | 50.9 | 51.3 | 51.3 | 51.6 | +0.4 | +0.4 | +0.7 | 39.5 | 39.9 | 40.2 | +0.4 | +0.7 |
| 2 MEARNS DRIVE (SW) | 1 | 50.3 | 50.8 | 50.7 | 51.1 | +0.4 | +0.5 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 3 MEARNS DRIVE (SE) | 1 | 51.2 | 51.7 | 51.7 | 52.0 | +0.5 | +0.5 | +0.8 | 39.8 | 40.3 | 40.5 | +0.5 | +0.7 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 4 MEARNS DRIVE (SE) | 1 | 50.9 | 51.3 | 51.4 | 51.7 | +0.5 | +0.4 | +0.8 | 39.5 | 39.9 | 40.3 | +0.4 | +0.8 |
| 5 MEARNS DRIVE (SE) | 1 | 52.3 | 52.7 | 52.7 | 53.0 | +0.4 | +0.4 | +0.7 | 40.8 | 41.2 | 41.4 | +0.4 | +0.6 |
| 6 MEARNS DRIVE (SW) | 1 | 51.0 | 51.4 | 51.3 | 51.7 | +0.3 | +0.4 | +0.7 | 39.6 | 40.0 | 40.3 | +0.4 | +0.7 |
| 7 MEARNS DRIVE (SE) | 1 | 52.2 | 52.6 | 52.6 | 52.9 | +0.4 | +0.4 | +0.7 | 40.7 | 41.1 | 41.3 | +0.4 | +0.6 |
| 8 MEARNS DRIVE (SE) | 1 | 51.5 | 51.9 | 51.9 | 52.2 | +0.4 | +0.4 | +0.7 | 40.1 | 40.4 | 40.7 | +0.3 | +0.6 |
| 9 MEARNS DRIVE (SE) | 1 | 52.3 | 52.8 | 52.7 | 53.0 | +0.4 | +0.5 | +0.7 | 40.8 | 41.2 | 41.4 | +0.4 | +0.6 |
| 10 MEARNS DRIVE (SW) | 1 | 50.5 | 50.9 | 50.9 | 51.2 | +0.4 | +0.4 | +0.7 | 39.2 | 39.5 | 39.8 | +0.3 | +0.6 |
| 11 MEARNS DRIVE (SE) | 1 | 52.4 | 52.8 | 52.8 | 53.1 | +0.4 | +0.4 | +0.7 | 40.9 | 41.2 | 41.5 | +0.3 | +0.6 |
| 12 MEARNS DRIVE (SE) | 1 | 51.5 | 52.0 | 52.0 | 52.3 | +0.5 | +0.5 | +0.8 | 40.1 | 40.5 | 40.8 | +0.4 | +0.7 |
| 13 MEARNS DRIVE (SE) | 1 | 52.5 | 53.0 | 53.0 | 53.3 | +0.5 | +0.5 | +0.8 | 41.0 | 41.4 | 41.7 | +0.4 | +0.7 |
| 14 MEARNS DRIVE (SE) | 1 | 53.2 | 53.6 | 53.6 | 53.9 | +0.4 | +0.4 | +0.7 | 41.6 | 42.0 | 42.2 | +0.4 | +0.6 |
| 15 MEARNS DRIVE (SE) | 1 | 52.6 | 53.0 | 53.0 | 53.3 | +0.4 | +0.4 | +0.7 | 41.1 | 41.4 | 41.7 | +0.3 | +0.6 |
| 16 MEARNS DRIVE (SE) | 1 | 53.3 | 53.7 | 53.7 | 54.0 | +0.4 | +0.4 | +0.7 | 41.7 | 42.1 | 42.3 | +0.4 | +0.6 |
| 17 MEARNS DRIVE (SE) | 1 | 51.9 | 52.4 | 52.4 | 52.7 | +0.5 | +0.5 | +0.8 | 40.4 | 40.9 | 41.2 | +0.5 | +0.8 |
| 18 MEARNS DRIVE (SE) | 1 | 53.5 | 53.9 | 53.8 | 54.2 | +0.3 | +0.4 | +0.7 | 41.9 | 42.2 | 42.5 | +0.3 | +0.6 |
| 19 MEARNS DRIVE (SW) | 1 | 51.4 | 51.9 | 51.9 | 52.3 | +0.5 | +0.5 | +0.9 | 40.0 | 40.4 | 40.8 | +0.4 | +0.8 |
| 20 MEARNS DRIVE (SE) | 1 | 53.8 | 54.3 | 54.2 | 54.5 | +0.4 | +0.5 | +0.7 | 42.1 | 42.6 | 42.8 | +0.5 | +0.7 |
| 21 MEARNS DRIVE (SE) | 1 | 52.0 | 52.4 | 52.4 | 52.8 | +0.4 | +0.4 | +0.8 | 40.5 | 40.9 | 41.2 | +0.4 | +0.7 |
| 22 MEARNS DRIVE (SE) | 1 | 53.9 | 54.3 | 54.3 | 54.6 | +0.4 | +0.4 | +0.7 | 42.2 | 42.6 | 42.9 | +0.4 | +0.7 |
| 23 MEARNS DRIVE (SE) | 1 | 51.9 | 52.3 | 52.3 | 52.6 | +0.4 | +0.4 | +0.7 | 40.4 | 40.8 | 41.1 | +0.4 | +0.7 |
| 24 MEARNS DRIVE (SE) | 1 | 54.0 | 54.5 | 54.4 | 54.7 | +0.4 | +0.5 | +0.7 | 42.3 | 42.8 | 43.0 | +0.5 | +0.7 |
| 25 MEARNS DRIVE (SE) | 1 | 51.7 | 52.2 | 52.1 | 52.4 | +0.4 | +0.5 | +0.7 | 40.3 | 40.7 | 40.9 | +0.4 | +0.6 |
| 26 MEARNS DRIVE (SE) | 1 | 54.2 | 54.7 | 54.6 | 54.9 | +0.4 | +0.5 | +0.7 | 42.5 | 43.0 | 43.1 | +0.5 | +0.6 |
| 27 MEARNS DRIVE (SE) | 1 | 51.7 | 52.2 | 52.2 | 52.5 | +0.5 | +0.5 | +0.8 | 40.3 | 40.7 | 41.0 | +0.4 | +0.7 |
| 28 MEARNS DRIVE (SE) | 1 | 54.5 | 55.0 | 55.1 | 55.4 | +0.6 | +0.5 | +0.9 | 42.8 | 43.2 | 43.6 | +0.4 | +0.8 |
| 29 MEARNS DRIVE (SE) | 1 | 51.5 | 51.9 | 51.9 | 52.2 | +0.4 | +0.4 | +0.7 | 40.1 | 40.4 | 40.7 | +0.3 | +0.6 |
| 30 MEARNS DRIVE (SE) | 1 | 54.1 | 54.6 | 54.8 | 55.1 | +0.7 | +0.5 | +1.0 | 42.4 | 42.9 | 43.3 | +0.5 | +0.9 |
| 31 MEARNS DRIVE (SE) | 1 | 51.5 | 52.0 | 51.9 | 52.3 | +0.4 | +0.5 | +0.8 | 40.1 | 40.5 | 40.8 | +0.4 | +0.7 |
| 32 MEARNS DRIVE (SW) | 1 | 53.1 | 53.5 | 53.6 | 54.0 | +0.5 | +0.4 | +0.9 | 41.5 | 41.9 | 42.3 | +0.4 | +0.8 |
| 34 MEARNS DRIVE (SW) | 1 | 52.7 | 53.2 | 53.2 | 53.5 | +0.5 | +0.5 | +0.8 | 41.2 | 41.6 | 41.9 | +0.4 | +0.7 |
| 36 MEARNS DRIVE (SW) | 1 | 52.5 | 52.9 | 53.1 | 53.4 | +0.6 | +0.4 | +0.9 | 41.0 | 41.3 | 41.8 | +0.3 | +0.8 |
| 38 MEARNS DRIVE (SE) | 1 | 52.6 | 53.1 | 53.3 | 53.6 | +0.7 | +0.5 | +1.0 | 41.1 | 41.5 | 42.0 | +0.4 | +0.9 |
| 40 MEARNS DRIVE (SW) | 1 | 51.4 | 51.9 | 52.1 | 52.4 | +0.7 | +0.5 | +1.0 | 40.0 | 40.4 | 40.9 | +0.4 | +0.9 |
| 42 MEARNS DRIVE (SE) | 1 | 51.4 | 51.9 | 52.2 | 52.5 | +0.8 | +0.5 | +1.1 | 40.0 | 40.4 | 41.0 | +0.4 | +1.0 |
| 44 MEARNS DRIVE (SW) | 1 | 50.8 | 51.3 | 51.5 | 51.8 | +0.7 | +0.5 | +1.0 | 39.4 | 39.9 | 40.3 | +0.5 | +0.9 |
| 46 MEARNS DRIVE (SE) | 1 | 51.5 | 51.9 | 51.9 | 52.2 | +0.4 | +0.4 | +0.7 | 40.1 | 40.4 | 40.7 | +0.3 | +0.6 |
| 48 MEARNS DRIVE (SE) | 1 | 51.4 | 51.8 | 51.8 | 52.1 | +0.4 | +0.4 | +0.7 | 40.0 | 40.3 | 40.6 | +0.3 | +0.6 |
| 50 MEARNS DRIVE (SE) | 1 | 51.2 | 51.6 | 51.6 | 52.0 | +0.4 | +0.4 | +0.8 | 39.8 | 40.2 | 40.5 | +0.4 | +0.7 |
| 52 MEARNS DRIVE (SE) | 1 | 51.2 | 51.7 | 51.6 | 52.0 | +0.4 | +0.5 | +0.8 | 39.8 | 40.3 | 40.5 | +0.5 | +0.7 |
| 54 MEARNS DRIVE (SE) | 1 | 51.0 | 51.5 | 51.5 | 51.8 | +0.5 | +0.5 | +0.8 | 39.6 | 40.1 | 40.3 | +0.5 | +0.7 |
| 56 MEARNS DRIVE (SE) | 1 | 51.2 | 51.7 | 51.7 | 52.0 | +0.5 | +0.5 | +0.8 | 39.8 | 40.3 | 40.5 | +0.5 | +0.7 |
| 58 MEARNS DRIVE (SW) | 1 | 50.3 | 50.7 | 50.7 | 51.0 | +0.4 | +0.4 | +0.7 | 39.0 | 39.4 | 39.6 | +0.4 | +0.6 |
| 60 MEARNS DRIVE (SW) | 1 | 50.4 | 50.8 | 50.8 | 51.1 | +0.4 | +0.4 | +0.7 | 39.1 | 39.4 | 39.7 | +0.3 | +0.6 |
| 62 MEARNS DRIVE (SW) | 1 | 50.1 | 50.5 | 50.6 | 50.9 | +0.5 | +0.4 | +0.8 | 38.8 | 39.2 | 39.5 | +0.4 | +0.7 |
| 64 MEARNS DRIVE (SE) | 1 | 51.3 | 51.7 | 51.8 | 52.1 | +0.5 | +0.4 | +0.8 | 39.9 | 40.3 | 40.6 | +0.4 | +0.7 |
| 1 MEARNS WALK (E) | 1 | 50.3 | 50.7 | 50.7 | 51.0 | +0.4 | +0.4 | +0.7 | 39.0 | 39.4 | 39.6 | +0.4 | +0.6 |
| 2 MEARNS WALK (E) | 1 | 50.4 | 50.8 | 50.9 | 51.2 | +0.5 | +0.4 | +0.8 | 39.1 | 39.4 | 39.8 | +0.3 | +0.7 |
| 3 MEARNS WALK (S) | 1 | 50.4 | 50.8 | 50.8 | 51.1 | +0.4 | +0.4 | +0.7 | 39.1 | 39.4 | 39.7 | +0.3 | +0.6 |
| 4 MEARNS WALK (S) | 1 | 50.0 | 50.4 | 50.4 | 50.7 | +0.4 | +0.4 | +0.7 | 38.7 | 39.1 | 39.4 | +0.4 | +0.7 |
| 5 MEARNS WALK (SW) | 1 | 49.8 | 50.3 | 50.2 | 50.5 | +0.4 | +0.5 | +0.7 | 38.5 | 39.0 | 39.2 | +0.5 | +0.7 |
| 6 MEARNS WALK (SE) | 1 | 49.5 | 49.9 | 49.9 | 50.2 | +0.4 | +0.4 | +0.7 | 38.3 | 38.6 | 38.9 | +0.3 | +0.6 |
| 7 MEARNS WALK (SW) | 1 | 49.4 | 49.8 | 49.8 | 50.1 | +0.4 | +0.4 | +0.7 | 38.2 | 38.5 | 38.8 | +0.3 | +0.6 |
| 8 MEARNS WALK (SW) | 1 | 49.1 | 49.6 | 49.6 | 49.9 | +0.5 | +0.5 | +0.8 | 37.9 | 38.4 | 38.6 | +0.5 | +0.7 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|-------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 9 MEARN'S WALK (S) | 1 | 49.9 | 50.3 | 50.4 | 50.7 | +0.5 | +0.4 | +0.8 | 38.6 | 39.0 | 39.4 | +0.4 | +0.8 |
| 10 MEARN'S WALK (SE) | 1 | 48.7 | 49.1 | 49.2 | 49.5 | +0.5 | +0.4 | +0.8 | 37.6 | 37.9 | 38.3 | +0.3 | +0.7 |
| 11 MEARN'S WALK (S) | 1 | 50.3 | 50.7 | 50.7 | 51.0 | +0.4 | +0.4 | +0.7 | 39.0 | 39.4 | 39.6 | +0.4 | +0.6 |
| 12 MEARN'S WALK (NE) | 1 | 48.0 | 48.5 | 48.6 | 48.9 | +0.6 | +0.5 | +0.9 | 36.9 | 37.4 | 37.7 | +0.5 | +0.8 |
| 13 MEARN'S WALK (SE) | 1 | 50.4 | 50.9 | 50.9 | 51.2 | +0.5 | +0.5 | +0.8 | 39.1 | 39.5 | 39.8 | +0.4 | +0.7 |
| 14 MEARN'S WALK (SE) | 1 | 50.2 | 50.6 | 50.6 | 50.9 | +0.4 | +0.4 | +0.7 | 38.9 | 39.3 | 39.5 | +0.4 | +0.6 |
| 15 MEARN'S WALK (SE) | 1 | 50.3 | 50.8 | 50.8 | 51.1 | +0.5 | +0.5 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 16 MEARN'S WALK (SE) | 1 | 50.3 | 50.7 | 50.8 | 51.1 | +0.5 | +0.4 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 17 MEARN'S WALK (E) | 1 | 50.1 | 50.6 | 50.6 | 50.9 | +0.5 | +0.5 | +0.8 | 38.8 | 39.3 | 39.5 | +0.5 | +0.7 |
| 18 MEARN'S WALK (SE) | 1 | 50.4 | 50.8 | 50.8 | 51.1 | +0.4 | +0.4 | +0.7 | 39.1 | 39.4 | 39.7 | +0.3 | +0.6 |
| 19 MEARN'S WALK (E) | 1 | 49.4 | 49.8 | 49.8 | 50.2 | +0.4 | +0.4 | +0.8 | 38.2 | 38.5 | 38.9 | +0.3 | +0.7 |
| 20 MEARN'S WALK (SE) | 1 | 50.2 | 50.7 | 50.7 | 51.0 | +0.5 | +0.5 | +0.8 | 38.9 | 39.4 | 39.6 | +0.5 | +0.7 |
| 21 MEARN'S WALK (E) | 1 | 48.6 | 49.0 | 49.0 | 49.3 | +0.4 | +0.4 | +0.7 | 37.5 | 37.8 | 38.1 | +0.3 | +0.6 |
| 22 MEARN'S WALK (NE) | 1 | 46.1 | 46.6 | 46.6 | 46.9 | +0.5 | +0.5 | +0.8 | 35.2 | 35.7 | 35.9 | +0.5 | +0.7 |
| 23 MEARN'S WALK (S) | 1 | 50.1 | 50.5 | 50.5 | 50.8 | +0.4 | +0.4 | +0.7 | 38.8 | 39.2 | 39.4 | +0.4 | +0.6 |
| 24 MEARN'S WALK (SE) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 25 MEARN'S WALK (SE) | 1 | 51.3 | 51.7 | 51.8 | 52.1 | +0.5 | +0.4 | +0.8 | 39.9 | 40.3 | 40.6 | +0.4 | +0.7 |
| 26 MEARN'S WALK (SE) | 1 | 49.5 | 50.0 | 49.9 | 50.2 | +0.4 | +0.5 | +0.7 | 38.3 | 38.7 | 38.9 | +0.4 | +0.6 |
| 27 MEARN'S WALK (SE) | 1 | 51.2 | 51.7 | 51.8 | 52.1 | +0.6 | +0.5 | +0.9 | 39.8 | 40.3 | 40.6 | +0.5 | +0.8 |
| 28 MEARN'S WALK (SE) | 1 | 49.7 | 50.1 | 50.1 | 50.4 | +0.4 | +0.4 | +0.7 | 38.5 | 38.8 | 39.1 | +0.3 | +0.6 |
| 29 MEARN'S WALK (SE) | 1 | 51.0 | 51.5 | 51.5 | 51.8 | +0.5 | +0.5 | +0.8 | 39.6 | 40.1 | 40.3 | +0.5 | +0.7 |
| 30 MEARN'S WALK (SE) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 31 MEARN'S WALK (SE) | 1 | 51.0 | 51.5 | 51.5 | 51.8 | +0.5 | +0.5 | +0.8 | 39.6 | 40.1 | 40.3 | +0.5 | +0.7 |
| 32 MEARN'S WALK (NW) | 1 | 43.1 | 43.5 | 43.5 | 43.8 | +0.4 | +0.4 | +0.7 | 32.5 | 32.9 | 33.1 | +0.4 | +0.6 |
| 33 MEARN'S WALK (SE) | 1 | 50.6 | 51.1 | 51.1 | 51.4 | +0.5 | +0.5 | +0.8 | 39.3 | 39.7 | 40.0 | +0.4 | +0.7 |
| 34 MEARN'S WALK (E) | 1 | 49.0 | 49.4 | 49.4 | 49.7 | +0.4 | +0.4 | +0.7 | 37.8 | 38.2 | 38.5 | +0.4 | +0.7 |
| 35 MEARN'S WALK (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 36 MEARN'S WALK (S) | 1 | 50.5 | 50.9 | 50.9 | 51.3 | +0.4 | +0.4 | +0.8 | 39.2 | 39.5 | 39.9 | +0.3 | +0.7 |
| 37 MEARN'S WALK (SE) | 1 | 50.7 | 51.1 | 51.1 | 51.4 | +0.4 | +0.4 | +0.7 | 39.4 | 39.7 | 40.0 | +0.3 | +0.6 |
| 38 MEARN'S WALK (SW) | 1 | 50.4 | 50.9 | 51.0 | 51.3 | +0.6 | +0.5 | +0.9 | 39.1 | 39.5 | 39.9 | +0.4 | +0.8 |
| 39 MEARN'S WALK (SE) | 1 | 50.7 | 51.1 | 51.1 | 51.4 | +0.4 | +0.4 | +0.7 | 39.4 | 39.7 | 40.0 | +0.3 | +0.6 |
| 40 MEARN'S WALK (SW) | 1 | 50.7 | 51.2 | 51.2 | 51.6 | +0.5 | +0.5 | +0.9 | 39.4 | 39.8 | 40.2 | +0.4 | +0.8 |
| 41 MEARN'S WALK (SW) | 1 | 50.2 | 50.6 | 50.6 | 50.9 | +0.4 | +0.4 | +0.7 | 38.9 | 39.3 | 39.5 | +0.4 | +0.6 |
| 42 MEARN'S WALK (SW) | 1 | 50.7 | 51.2 | 51.2 | 51.6 | +0.5 | +0.5 | +0.9 | 39.4 | 39.8 | 40.2 | +0.4 | +0.8 |
| 43 MEARN'S WALK (SE) | 1 | 50.9 | 51.4 | 51.4 | 51.7 | +0.5 | +0.5 | +0.8 | 39.5 | 40.0 | 40.3 | +0.5 | +0.8 |
| 44 MEARN'S WALK (SW) | 1 | 51.0 | 51.4 | 51.6 | 51.9 | +0.6 | +0.4 | +0.9 | 39.6 | 40.0 | 40.4 | +0.4 | +0.8 |
| 45 MEARN'S WALK (SE) | 1 | 51.0 | 51.5 | 51.5 | 51.8 | +0.5 | +0.5 | +0.8 | 39.6 | 40.1 | 40.3 | +0.5 | +0.7 |
| 46 MEARN'S WALK (SW) | 1 | 51.2 | 51.6 | 51.9 | 52.2 | +0.7 | +0.4 | +1.0 | 39.8 | 40.2 | 40.7 | +0.4 | +0.9 |
| 47 MEARN'S WALK (SE) | 1 | 51.2 | 51.6 | 51.6 | 51.9 | +0.4 | +0.4 | +0.7 | 39.8 | 40.2 | 40.4 | +0.4 | +0.6 |
| 48 MEARN'S WALK (SW) | 1 | 50.7 | 51.2 | 51.3 | 51.6 | +0.6 | +0.5 | +0.9 | 39.4 | 39.8 | 40.2 | +0.4 | +0.8 |
| 49 MEARN'S WALK (SE) | 1 | 51.4 | 51.9 | 52.0 | 52.3 | +0.6 | +0.5 | +0.9 | 40.0 | 40.4 | 40.8 | +0.4 | +0.8 |
| 50 MEARN'S WALK (SW) | 1 | 50.9 | 51.4 | 51.5 | 51.8 | +0.6 | +0.5 | +0.9 | 39.5 | 40.0 | 40.3 | +0.5 | +0.8 |
| 51 MEARN'S WALK (SE) | 1 | 51.4 | 51.8 | 51.9 | 52.2 | +0.5 | +0.4 | +0.8 | 40.0 | 40.3 | 40.7 | +0.3 | +0.7 |
| 52 MEARN'S WALK (SE) | 1 | 51.2 | 51.6 | 51.7 | 52.0 | +0.5 | +0.4 | +0.8 | 39.8 | 40.2 | 40.5 | +0.4 | +0.7 |
| 1 MIDWAY (NW) | 1 | 62.9 | 63.5 | 63.1 | 63.7 | +0.2 | +0.6 | +0.8 | 50.3 | 50.9 | 51.1 | +0.6 | +0.8 |
| 2 MIDWAY (SW) | 1 | 59.4 | 60.0 | 59.8 | 60.4 | +0.4 | +0.6 | +1.0 | 47.2 | 47.7 | 48.1 | +0.5 | +0.9 |
| 3 MIDWAY (SW) | 1 | 57.4 | 58.0 | 57.8 | 58.3 | +0.4 | +0.6 | +0.9 | 45.4 | 45.9 | 46.2 | +0.5 | +0.8 |
| 4 MIDWAY (NE) | 1 | 54.1 | 54.6 | 54.8 | 55.2 | +0.7 | +0.5 | +1.1 | 42.4 | 42.9 | 43.4 | +0.5 | +1.0 |
| 5 MIDWAY (NE) | 1 | 53.6 | 54.0 | 54.3 | 54.7 | +0.7 | +0.4 | +1.1 | 42.0 | 42.3 | 43.0 | +0.3 | +1.0 |
| 6 MIDWAY (SE) | 1 | 53.6 | 54.1 | 54.3 | 54.6 | +0.7 | +0.5 | +1.0 | 42.0 | 42.4 | 42.9 | +0.4 | +0.9 |
| 7 MIDWAY (SE) | 1 | 53.4 | 53.9 | 54.3 | 54.6 | +0.9 | +0.5 | +1.2 | 41.8 | 42.2 | 42.9 | +0.4 | +1.1 |
| 8 MIDWAY (SE) | 1 | 53.2 | 53.7 | 54.9 | 55.2 | +1.7 | +0.5 | +2.0 | 41.6 | 42.1 | 43.4 | +0.5 | +1.8 |
| 1 PROVOST ROBSON DRIVE (NE) | 1 | 48.0 | 48.5 | 48.6 | 48.9 | +0.6 | +0.5 | +0.9 | 36.9 | 37.4 | 37.7 | +0.5 | +0.8 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|-------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 2 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 2 PROVOST ROBSON DRIVE (E) | 1 | 51.9 | 52.4 | 52.6 | 52.9 | +0.7 | +0.5 | +1.0 | 40.4 | 40.9 | 41.3 | +0.5 | +0.9 |
| 3 PROVOST ROBSON DRIVE (SW) | 1 | 48.7 | 49.2 | 49.1 | 49.4 | +0.4 | +0.5 | +0.7 | 37.6 | 38.0 | 38.2 | +0.4 | +0.6 |
| 3 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 4 PROVOST ROBSON DRIVE (S) | 1 | 52.0 | 52.5 | 52.5 | 52.8 | +0.5 | +0.5 | +0.8 | 40.5 | 41.0 | 41.2 | +0.5 | +0.7 |
| 4 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 5 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 5 PROVOST ROBSON DRIVE (S) | 1 | 49.9 | 50.3 | 50.4 | 50.7 | +0.5 | +0.4 | +0.8 | 38.6 | 39.0 | 39.4 | +0.4 | +0.8 |
| 6 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 6 PROVOST ROBSON DRIVE (S) | 1 | 51.6 | 52.1 | 52.1 | 52.4 | +0.5 | +0.5 | +0.8 | 40.2 | 40.6 | 40.9 | +0.4 | +0.7 |
| 7 PROVOST ROBSON DRIVE (S) | 1 | 50.0 | 50.5 | 50.6 | 50.9 | +0.6 | +0.5 | +0.9 | 38.7 | 39.2 | 39.5 | +0.5 | +0.8 |
| 7 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 8 PROVOST ROBSON DRIVE (S) | 1 | 51.2 | 51.6 | 51.6 | 51.9 | +0.4 | +0.4 | +0.7 | 39.8 | 40.2 | 40.4 | +0.4 | +0.6 |
| 8 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 9 PROVOST ROBSON DRIVE (S) | 1 | 50.3 | 50.7 | 50.8 | 51.1 | +0.5 | +0.4 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 9 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 10 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 10 PROVOST ROBSON DRIVE (S) | 1 | 50.1 | 50.6 | 50.5 | 50.8 | +0.4 | +0.5 | +0.7 | 38.8 | 39.3 | 39.4 | +0.5 | +0.6 |
| 11 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 11 PROVOST ROBSON DRIVE (S) | 1 | 50.5 | 50.9 | 51.0 | 51.3 | +0.5 | +0.4 | +0.8 | 39.2 | 39.5 | 39.9 | +0.3 | +0.7 |
| 12 PROVOST ROBSON DRIVE (S) | 1 | 50.3 | 50.8 | 50.8 | 51.1 | +0.5 | +0.5 | +0.8 | 39.0 | 39.4 | 39.7 | +0.4 | +0.7 |
| 12 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 13 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 13 PROVOST ROBSON DRIVE (S) | 1 | 49.9 | 50.3 | 50.3 | 50.6 | +0.4 | +0.4 | +0.7 | 38.6 | 39.0 | 39.3 | +0.4 | +0.7 |
| 14 PROVOST ROBSON DRIVE (S) | 1 | 51.0 | 51.4 | 51.4 | 51.7 | +0.4 | +0.4 | +0.7 | 39.6 | 40.0 | 40.3 | +0.4 | +0.7 |
| 14 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 15 PROVOST ROBSON DRIVE (S) | 1 | 50.0 | 50.5 | 50.4 | 50.7 | +0.4 | +0.5 | +0.7 | 38.7 | 39.2 | 39.4 | +0.5 | +0.7 |
| 15 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 16 PROVOST ROBSON DRIVE (S) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 16 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 17 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 17 PROVOST ROBSON DRIVE (S) | 1 | 49.4 | 49.9 | 49.9 | 50.2 | +0.5 | +0.5 | +0.8 | 38.2 | 38.6 | 38.9 | +0.4 | +0.7 |
| 18 PROVOST ROBSON DRIVE (E) | 1 | 50.1 | 50.6 | 50.6 | 50.9 | +0.5 | +0.5 | +0.8 | 38.8 | 39.3 | 39.5 | +0.5 | +0.7 |
| 18 PROVOST ROBSON DRIVE (SE) | 1 | 50.8 | 51.2 | 51.2 | 51.5 | +0.4 | +0.4 | +0.7 | 39.4 | 39.8 | 40.1 | +0.4 | +0.7 |
| 19 PROVOST ROBSON DRIVE (S) | 1 | 49.6 | 50.0 | 50.0 | 50.3 | +0.4 | +0.4 | +0.7 | 38.4 | 38.7 | 39.0 | +0.3 | +0.6 |
| 20 PROVOST ROBSON DRIVE (S) | 1 | 50.6 | 51.1 | 51.1 | 51.4 | +0.5 | +0.5 | +0.8 | 39.3 | 39.7 | 40.0 | +0.4 | +0.7 |
| 22 PROVOST ROBSON DRIVE (S) | 1 | 50.3 | 50.7 | 50.7 | 51.0 | +0.4 | +0.4 | +0.7 | 39.0 | 39.4 | 39.6 | +0.4 | +0.6 |
| 24 PROVOST ROBSON DRIVE (S) | 1 | 49.8 | 50.2 | 50.2 | 50.5 | +0.4 | +0.4 | +0.7 | 38.5 | 38.9 | 39.2 | +0.4 | +0.7 |
| 26 PROVOST ROBSON DRIVE (SE) | 1 | 49.4 | 49.8 | 49.9 | 50.2 | +0.5 | +0.4 | +0.8 | 38.2 | 38.5 | 38.9 | +0.3 | +0.7 |
| 28 PROVOST ROBSON DRIVE (NE) | 1 | 48.6 | 49.0 | 49.1 | 49.4 | +0.5 | +0.4 | +0.8 | 37.5 | 37.8 | 38.2 | +0.3 | +0.7 |
| 30 PROVOST ROBSON DRIVE (NE) | 1 | 48.5 | 49.0 | 49.0 | 49.3 | +0.5 | +0.5 | +0.8 | 37.4 | 37.8 | 38.1 | +0.4 | +0.7 |
| 32 PROVOST ROBSON DRIVE (NE) | 1 | 48.4 | 48.9 | 48.9 | 49.2 | +0.5 | +0.5 | +0.8 | 37.3 | 37.7 | 38.0 | +0.4 | +0.7 |
| 34 PROVOST ROBSON DRIVE (NE) | 1 | 48.6 | 49.1 | 49.2 | 49.5 | +0.6 | +0.5 | +0.9 | 37.5 | 37.9 | 38.3 | +0.4 | +0.8 |
| 36 PROVOST ROBSON DRIVE (NW) | 1 | 42.8 | 43.2 | 43.3 | 43.7 | +0.5 | +0.4 | +0.9 | 32.3 | 32.6 | 33.1 | +0.3 | +0.8 |
| 38 PROVOST ROBSON DRIVE (NW) | 1 | 42.6 | 43.1 | 43.2 | 43.5 | +0.6 | +0.5 | +0.9 | 32.1 | 32.5 | 32.9 | +0.4 | +0.8 |
| 40 PROVOST ROBSON DRIVE (SW) | 1 | 47.3 | 47.7 | 47.6 | 48.0 | +0.3 | +0.4 | +0.7 | 36.3 | 36.7 | 36.9 | +0.4 | +0.6 |
| 42 PROVOST ROBSON DRIVE (SE) | 1 | 49.9 | 50.4 | 50.3 | 50.7 | +0.4 | +0.5 | +0.8 | 38.6 | 39.1 | 39.4 | +0.5 | +0.8 |
| 44 PROVOST ROBSON DRIVE (SE) | 1 | 49.9 | 50.4 | 50.4 | 50.7 | +0.5 | +0.5 | +0.8 | 38.6 | 39.1 | 39.4 | +0.5 | +0.8 |
| 46 PROVOST ROBSON DRIVE (SE) | 1 | 49.9 | 50.4 | 50.4 | 50.7 | +0.5 | +0.5 | +0.8 | 38.6 | 39.1 | 39.4 | +0.5 | +0.8 |
| 48 PROVOST ROBSON DRIVE (SE) | 1 | 49.8 | 50.3 | 50.3 | 50.6 | +0.5 | +0.5 | +0.8 | 38.5 | 39.0 | 39.3 | +0.5 | +0.8 |
| 50 PROVOST ROBSON DRIVE (SE) | 1 | 49.8 | 50.3 | 50.3 | 50.6 | +0.5 | +0.5 | +0.8 | 38.5 | 39.0 | 39.3 | +0.5 | +0.8 |
| 52 PROVOST ROBSON DRIVE (SE) | 1 | 49.9 | 50.3 | 50.4 | 50.7 | +0.5 | +0.4 | +0.8 | 38.6 | 39.0 | 39.4 | +0.4 | +0.8 |

Appendix 9.3: Noise Assessment Results
Residential Receptors

| | | | | | | | | | | | | | |
|---|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 54 PROVOST ROBSON DRIVE (SE) | 1 | 50.0 | 50.4 | 50.5 | 50.8 | +0.5 | +0.4 | +0.8 | 38.7 | 39.1 | 39.4 | +0.4 | +0.7 |
| 56 PROVOST ROBSON DRIVE (SE) | 1 | 50.2 | 50.6 | 50.7 | 51.0 | +0.5 | +0.4 | +0.8 | 38.9 | 39.3 | 39.6 | +0.4 | +0.7 |
| 58 PROVOST ROBSON DRIVE (NE) | 1 | 46.9 | 47.4 | 47.4 | 47.7 | +0.5 | +0.5 | +0.8 | 35.9 | 36.4 | 36.7 | +0.5 | +0.8 |
| 60 PROVOST ROBSON DRIVE (SW) | 1 | 46.7 | 47.2 | 47.2 | 47.5 | +0.5 | +0.5 | +0.8 | 35.8 | 36.2 | 36.5 | +0.4 | +0.7 |
| 62 PROVOST ROBSON DRIVE (SE) | 1 | 49.3 | 49.7 | 49.7 | 50.0 | +0.4 | +0.4 | +0.7 | 38.1 | 38.5 | 38.7 | +0.4 | +0.6 |
| 64 PROVOST ROBSON DRIVE (NE) | 1 | 46.7 | 47.1 | 47.2 | 47.5 | +0.5 | +0.4 | +0.8 | 35.8 | 36.1 | 36.5 | +0.3 | +0.7 |
| 66 PROVOST ROBSON DRIVE (SW) | 1 | 49.3 | 49.7 | 49.7 | 50.0 | +0.4 | +0.4 | +0.7 | 38.1 | 38.5 | 38.7 | +0.4 | +0.6 |
| 68 PROVOST ROBSON DRIVE (SW) | 1 | 49.7 | 50.1 | 50.1 | 50.4 | +0.4 | +0.4 | +0.7 | 38.5 | 38.8 | 39.1 | +0.3 | +0.6 |
| 70 PROVOST ROBSON DRIVE (SE) | 1 | 50.6 | 51.0 | 51.0 | 51.4 | +0.4 | +0.4 | +0.8 | 39.3 | 39.6 | 40.0 | +0.3 | +0.7 |
| CHERRYFALLS PROVOST ROBSON DRIVE (SE) | 1 | 54.1 | 54.6 | 54.6 | 54.9 | +0.5 | +0.5 | +0.8 | 42.4 | 42.9 | 43.1 | +0.5 | +0.7 |
| CRAIGANGOWAN PROVOST ROBSON DRIVE (SE) | 1 | 54.0 | 54.5 | 54.5 | 54.8 | +0.5 | +0.5 | +0.8 | 42.3 | 42.8 | 43.0 | +0.5 | +0.7 |
| 1 TRAFALGAR LANE (NW) | 1 | 66.9 | 68.2 | 67.5 | 68.3 | +0.6 | +1.3 | +1.4 | 53.9 | 55.1 | 55.2 | +1.2 | +1.3 |
| 2 TRAFALGAR LANE (NW) | 1 | 67.1 | 68.5 | 67.7 | 68.6 | +0.6 | +1.4 | +1.5 | 54.1 | 55.4 | 55.5 | +1.3 | +1.4 |
| 4 TRAFALGAR LANE (SE) | 1 | 51.1 | 51.6 | 51.8 | 52.2 | +0.7 | +0.5 | +1.1 | 39.7 | 40.2 | 40.7 | +0.5 | +1.0 |
| 5 TRAFALGAR LANE (NE) | 1 | 49.7 | 50.3 | 50.4 | 50.8 | +0.7 | +0.6 | +1.1 | 38.5 | 39.0 | 39.4 | +0.5 | +0.9 |
| 6 TRAFALGAR LANE (SE) | 1 | 51.0 | 51.5 | 51.6 | 51.9 | +0.6 | +0.5 | +0.9 | 39.6 | 40.1 | 40.4 | +0.5 | +0.8 |
| 1 WEST BURNSIDE (SE) | 1 | 54.7 | 55.1 | 57.3 | 57.6 | +2.6 | +0.4 | +2.9 | 43.0 | 43.3 | 45.6 | +0.3 | +2.6 |
| 2 WEST BURNSIDE (SE) | 1 | 53.7 | 54.2 | 56.8 | 57.0 | +3.1 | +0.5 | +3.3 | 42.1 | 42.5 | 45.0 | +0.4 | +2.9 |
| 4 WEST BURNSIDE (SE) | 1 | 52.9 | 53.3 | 56.0 | 56.3 | +3.1 | +0.4 | +3.4 | 41.3 | 41.7 | 44.4 | +0.4 | +3.1 |
| 5 WEST BURNSIDE (SW) | 1 | 51.8 | 52.2 | 55.3 | 55.6 | +3.5 | +0.4 | +3.8 | 40.3 | 40.7 | 43.8 | +0.4 | +3.5 |
| 6 WEST BURNSIDE (SW) | 1 | 51.8 | 52.3 | 55.3 | 55.6 | +3.5 | +0.5 | +3.8 | 40.3 | 40.8 | 43.8 | +0.5 | +3.5 |
| 7 WEST BURNSIDE (SE) | 1 | 49.8 | 50.3 | 51.7 | 52.0 | +1.9 | +0.5 | +2.2 | 38.5 | 39.0 | 40.5 | +0.5 | +2.0 |
| 1A WEST BURNSIDE (SE) | 1 | 55.8 | 56.3 | 57.9 | 58.2 | +2.1 | +0.5 | +2.4 | 43.9 | 44.4 | 46.1 | +0.5 | +2.2 |
| MERLINS PARK WEST BURNSIDE (SW) | 1 | 50.9 | 51.4 | 52.6 | 52.9 | +1.7 | +0.5 | +2.0 | 39.5 | 40.0 | 41.3 | +0.5 | +1.8 |
| REDACRE WEST BURNSIDE (SE) | 1 | 53.4 | 53.9 | 55.2 | 55.4 | +1.8 | +0.5 | +2.0 | 41.8 | 42.2 | 43.6 | +0.4 | +1.8 |
| 1-2 NEWTON FARM COTTAGES (NW) | 1 | 71.6 | 72.1 | 72.8 | 73.4 | +1.2 | +0.5 | +1.8 | 58.2 | 58.6 | 59.8 | +0.4 | +1.6 |
| 3 NEWTON FARM COTTAGES (SW) | 1 | 66.4 | 66.8 | 67.8 | 68.4 | +1.4 | +0.4 | +2.0 | 53.5 | 53.9 | 55.3 | +0.4 | +1.8 |
| 4 NEWTON FARM COTTAGES (SW) | 1 | 64.5 | 64.8 | 65.8 | 66.4 | +1.3 | +0.3 | +1.9 | 51.8 | 52.1 | 53.5 | +0.3 | +1.7 |
| 5 NEWTON FARM COTTAGES (W) | 1 | 71.9 | 72.3 | 73.3 | 73.9 | +1.4 | +0.4 | +2.0 | 58.4 | 58.8 | 60.2 | +0.4 | +1.8 |
| 6 NEWTON FARM COTTAGES (W) | 1 | 72.4 | 72.9 | 73.7 | 74.3 | +1.3 | +0.5 | +1.9 | 58.9 | 59.3 | 60.6 | +0.4 | +1.7 |
| DENLETHEN COTTAGE (E) | 1 | 56.2 | 56.6 | 59.8 | 60.1 | +3.6 | +0.4 | +3.9 | 44.3 | 44.7 | 47.8 | +0.4 | +3.5 |
| JOHNSTON COTTAGE COTTAR HOUSE (NW) | 1 | 58.1 | 58.6 | 61.7 | 62.0 | +3.6 | +0.5 | +3.9 | 46.0 | 46.5 | 49.5 | +0.5 | +3.5 |
| JOHNSTON LODGE (NW) | 1 | 58.1 | 58.5 | 61.2 | 61.4 | +3.1 | +0.4 | +3.3 | 46.0 | 46.4 | 49.0 | +0.4 | +3.0 |
| JOHNSTON MAINS (NW) | 1 | 54.9 | 55.4 | 58.1 | 58.4 | +3.2 | +0.5 | +3.5 | 43.1 | 43.6 | 46.3 | +0.5 | +3.2 |
| NEWTON FARMHOUSE (N) | 1 | 63.3 | 63.7 | 64.8 | 65.4 | +1.5 | +0.4 | +2.1 | 50.7 | 51.1 | 52.6 | +0.4 | +1.9 |
| OATYHILL COTTAGE (SE) | 1 | 74.1 | 74.4 | 76.3 | 76.6 | +2.2 | +0.3 | +2.5 | 60.4 | 60.7 | 62.7 | +0.3 | +2.3 |
| OATYHILL FARM (SE) | 1 | 74.6 | 75.1 | 75.9 | 76.2 | +1.3 | +0.5 | +1.6 | 60.9 | 61.3 | 62.3 | +0.4 | +1.4 |
| OLD JOHNSTON FARMHOUSE (NW) | 1 | 53.0 | 53.5 | 56.1 | 56.4 | +3.1 | +0.5 | +3.4 | 41.4 | 41.9 | 44.5 | +0.5 | +3.1 |

Appendix 9.3: Noise Assessment Results
Community Receptors

| Receptor | Floor | dB LA10,18h | | | | Short-term DSby-DMby | Long term | | | dB Lnight,outside | | | Long-term (night) | |
|----------------------------------|-------|-------------|------|------|------|-------------------------|---------------|---------------|------|-------------------|------|------|-------------------|---------------|
| | | DMby | DMfy | DSby | DSfy | | DM comparison | DS comparison | | DMby | DMfy | DSfy | DM comparison | DS comparison |
| ARMY CADET CENTRE (S) | 1 | 62.0 | 62.5 | 65.1 | 65.4 | +3.1 | +0.5 | +3.4 | 49.5 | 50.0 | 52.6 | +0.5 | +3.1 | |
| BURGH HALL (SE) | 1 | 63.5 | 64.3 | 64.0 | 64.7 | +0.5 | +0.8 | +1.2 | 50.9 | 51.6 | 52.0 | +0.7 | +1.1 | |
| LAURENCEKIRK LIBRARY (NW) | 1 | 56.9 | 57.6 | 57.4 | 57.9 | +0.5 | +0.7 | +1.0 | 44.9 | 45.6 | 45.8 | +0.7 | +0.9 | |
| LAURENCEKIRK PRIMARY SCHOOL (S) | 1 | 53.9 | 54.4 | 54.8 | 55.1 | +0.9 | +0.5 | +1.2 | 42.2 | 42.7 | 43.3 | +0.5 | +1.1 | |
| MEARNS COMMUNITY CENTRE (SE) | 1 | 64.6 | 65.5 | 65.3 | 66.1 | +0.7 | +0.9 | +1.5 | 51.9 | 52.7 | 53.2 | +0.8 | +1.3 | |
| NURSERY UNIT (SE) | 1 | 53.9 | 54.4 | 54.8 | 55.1 | +0.9 | +0.5 | +1.2 | 42.2 | 42.7 | 43.3 | +0.5 | +1.1 | |
| POPPIES NURSERY (SE) | 1 | 61.0 | 61.5 | 64.3 | 64.6 | +3.3 | +0.5 | +3.6 | 48.6 | 49.1 | 51.9 | +0.5 | +3.3 | |
| ST LAURENCE CHURCH (SE) | 1 | 50.2 | 50.7 | 50.9 | 51.2 | +0.7 | +0.5 | +1.0 | 38.9 | 39.4 | 39.8 | +0.5 | +0.9 | |