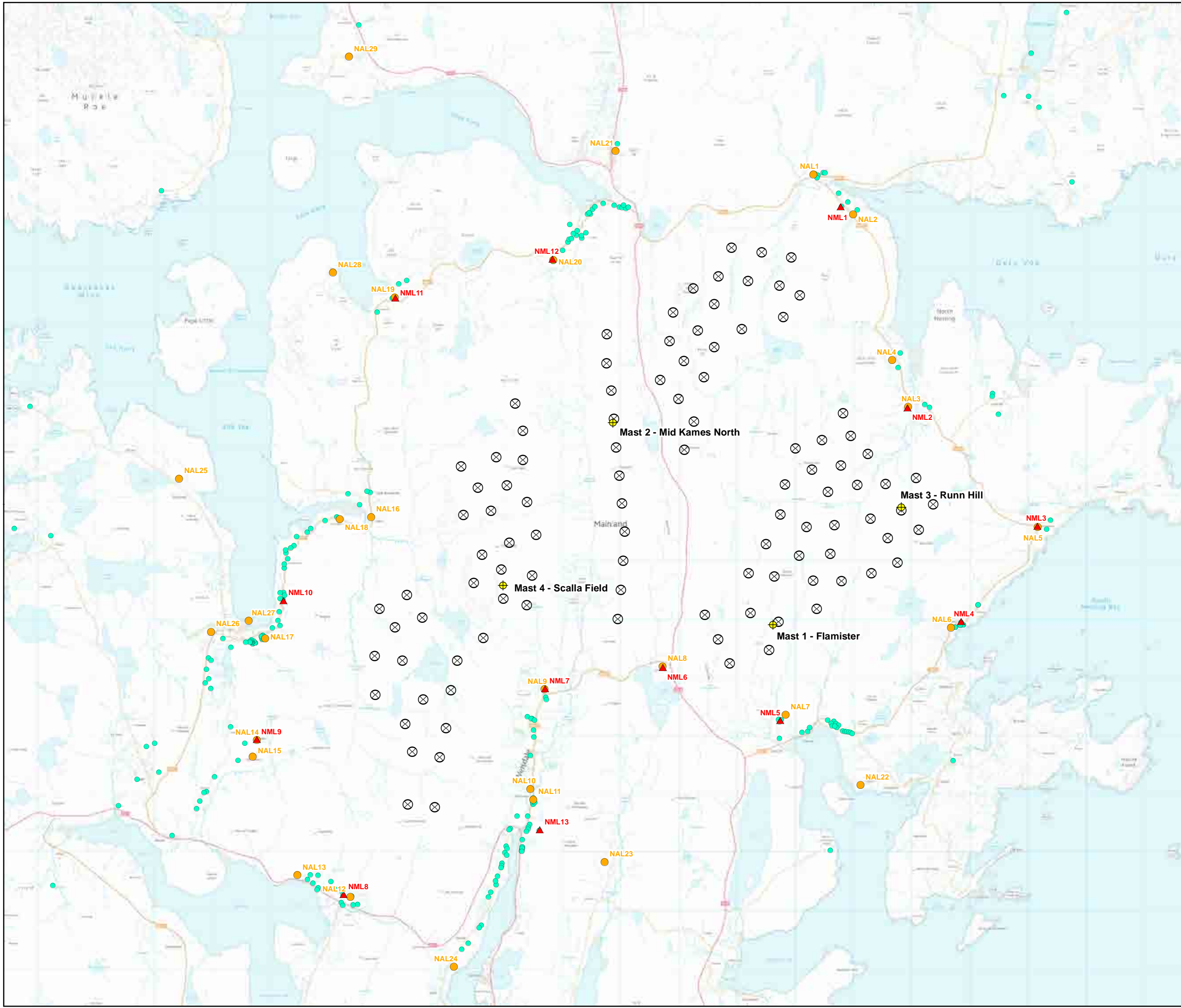
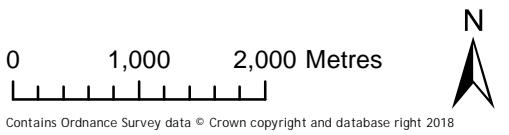


Annex 1 – Figures



- Legend**
- ⊕ Meteorological Mast
 - ⊗ Wind Turbine (Viking Wind Farm)
 - ▲ Noise Monitoring Location (NML)
 - Noise Assessment Location (NAL)
 - Noise Sensitive Receptor (NSR)



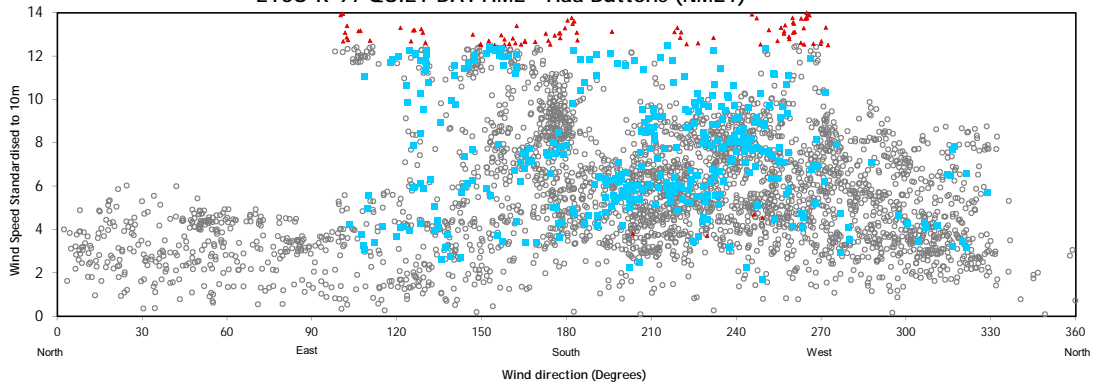
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|------|--------------|-------|-------|-------|------------|
| R2 | SECOND ISSUE | MT | JB | GC | 17/10/2018 |
| R1 | FIRST ISSUE | MT | JM | GC | 05/09/2018 |
| REV. | DETAILS | DRAWN | CHK'D | APP'D | DATE |

Project Viking Wind Farm
 Client Viking Energy Wind Farm LLP
 Title Noise Monitoring Locations
 Figure No. A1.1
 Scale 1:60,000 @A3
 Doc. Ref. 12604-021

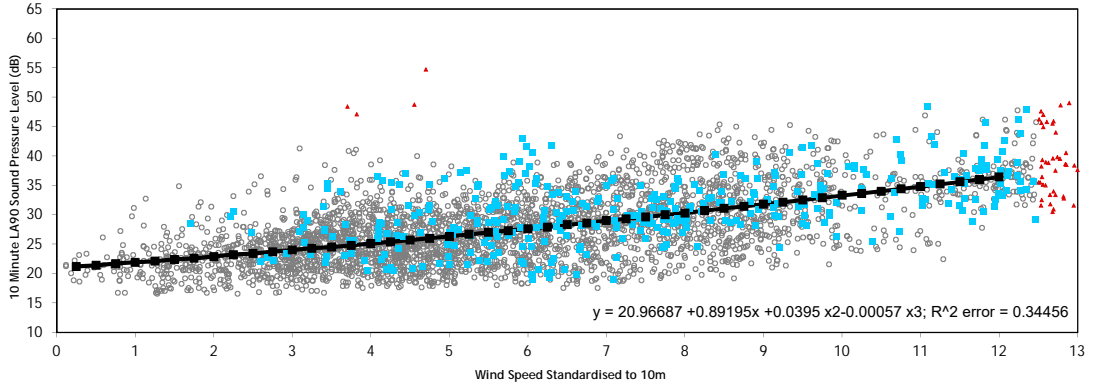


ETSU-R-97 QUIET DAYTIME - Haa Buttons (NML1)

Wind Condition



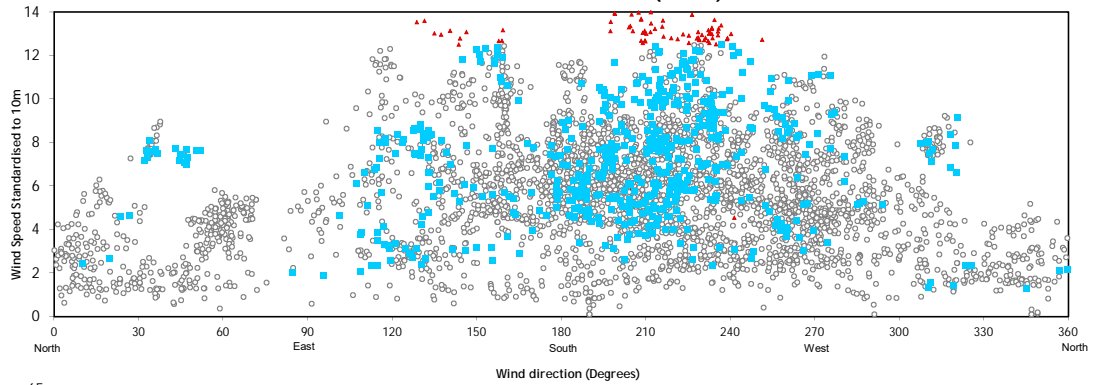
Regression Analysis



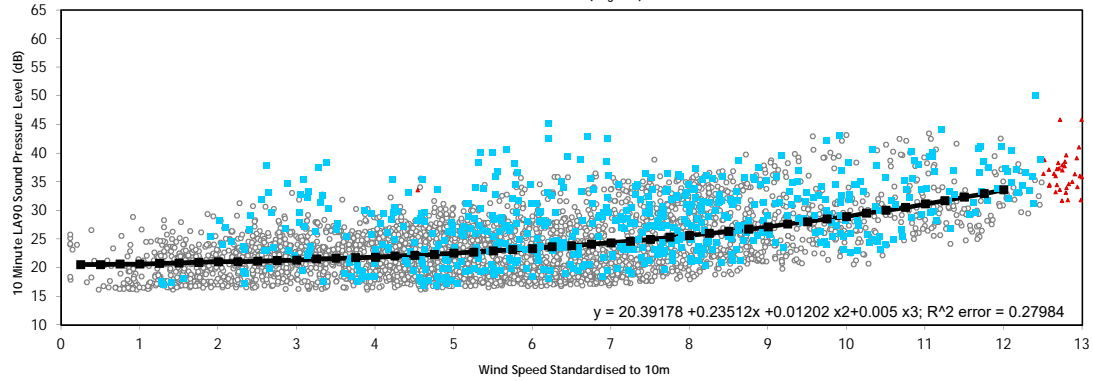
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|-----|------|------|------|-----|------|------|------|------|------|
| Number of data points | 181 | 404 | 507 | 461 | 370 | 351 | 326 | 249 | 89 | 62 | 100 |
| Average Noise ONS(Background Noise) | 22.9 | 24 | 25.1 | 26.3 | 27.6 | 29 | 30.3 | 31.8 | 33.3 | 34.8 | 36.4 |

ETSU-R-97 NIGHT-TIME - Haa Buttons (NML1)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|-----|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 298 | 368 | 426 | 519 | 469 | 392 | 331 | 199 | 113 | 85 | 48 |
| Average Noise ONS(Background Noise) | 21 | 21.3 | 21.8 | 22.5 | 23.3 | 24.3 | 25.6 | 27.1 | 28.9 | 31.1 | 33.6 |

Legend:

- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP

Title Background Noise
Haa Buttons(NML1)

Figure Number A1.2a

Scale NTS

Drawn GC

Checked JM

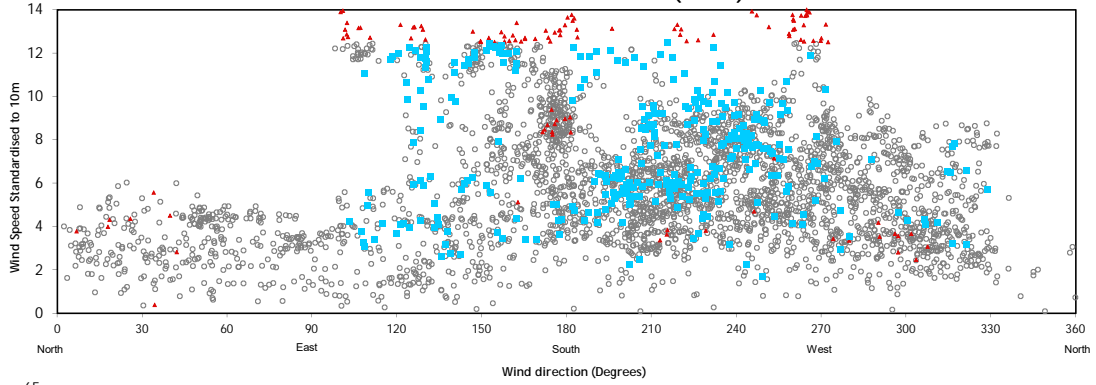
Date 18/10/2018

Document Reference 12604-005

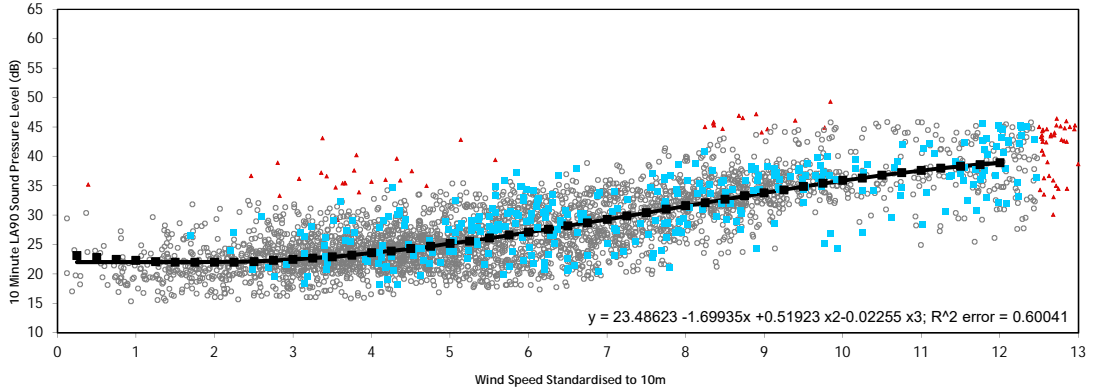


ETSU-R-97 QUIET DAYTIME - Grunnafirth (NML2)

Wind Condition



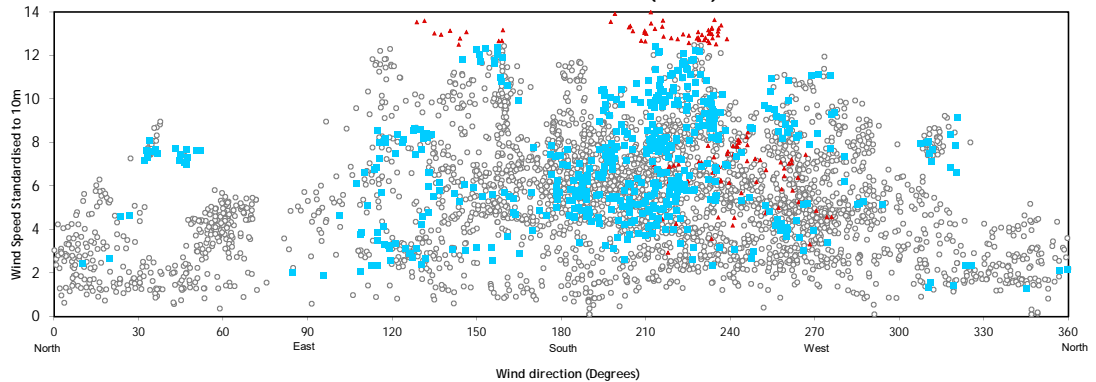
Regression Analysis



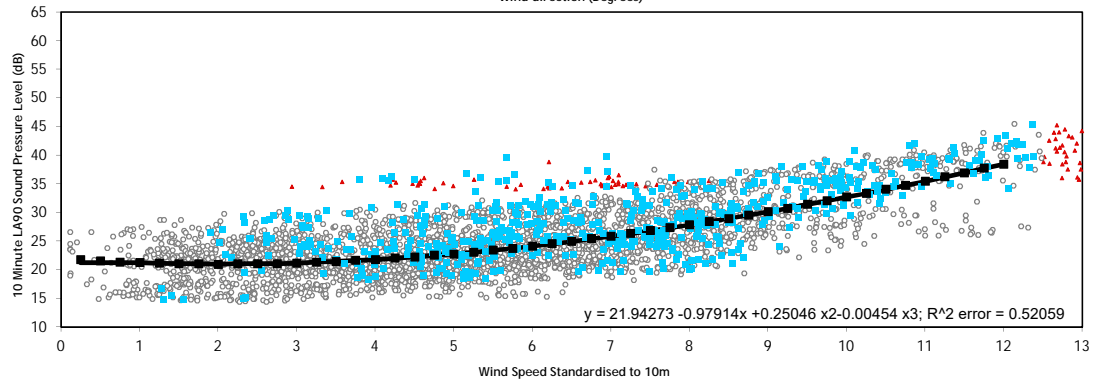
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|-----|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 175 | 396 | 495 | 455 | 366 | 348 | 307 | 241 | 87 | 61 | 98 |
| Average Noise ONS(Background Noise) | 22 | 22.5 | 23.6 | 25.2 | 27.1 | 29.3 | 31.6 | 33.8 | 35.9 | 37.6 | 38.9 |

ETSU-R-97 NIGHT-TIME - Grunnafirth (NML2)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 298 | 366 | 421 | 511 | 456 | 370 | 306 | 177 | 111 | 80 | 44 |
| Average Noise ONS(Background Noise) | 20.9 | 21.1 | 21.7 | 22.7 | 24.1 | 25.8 | 27.8 | 30.1 | 32.7 | 35.4 | 38.4 |

Legend:

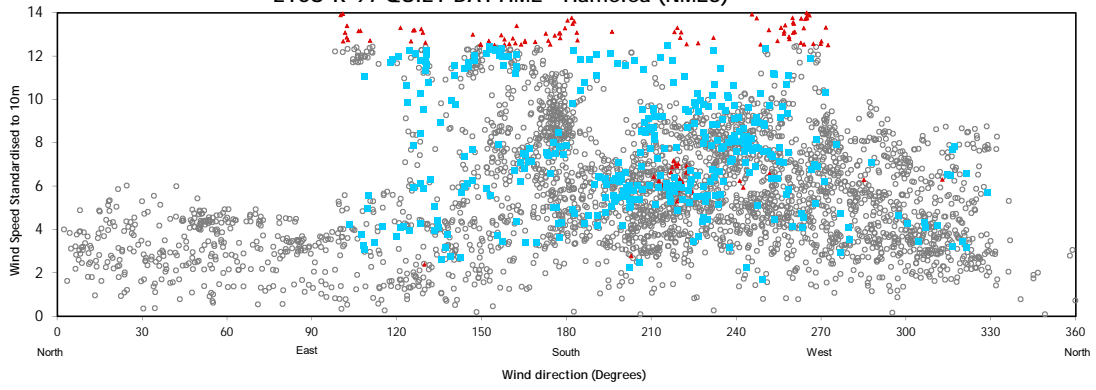
- LA90 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm
Client Viking Energy Wind Farm LLP
Title Background Noise
 Grunnafirth(NML2)
Figure Number A1.2b
Scale NTS
Drawn GC
Checked JM
Date 18/10/2018
Document Reference 12604-005

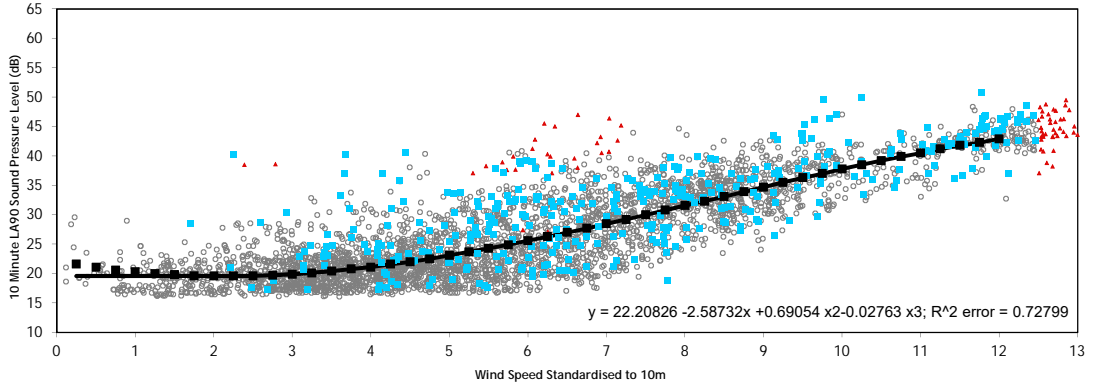


ETSU-R-97 QUIET DAYTIME - Hamelea (NML3)

Wind Condition



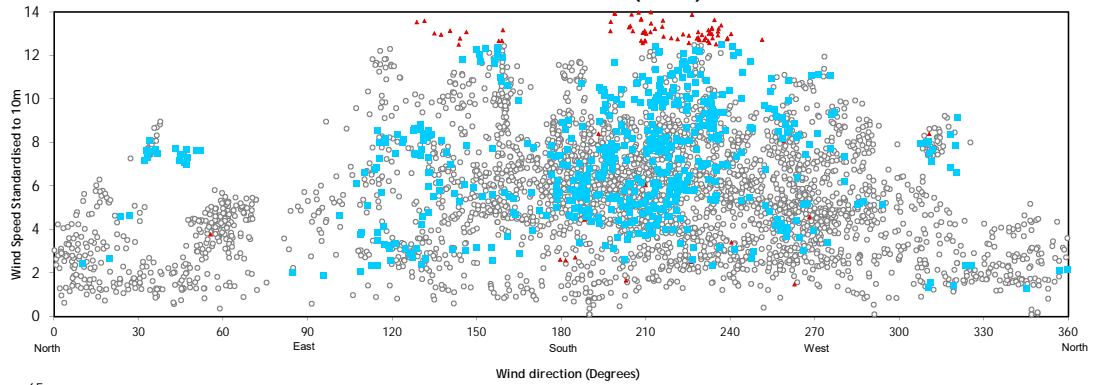
Regression Analysis



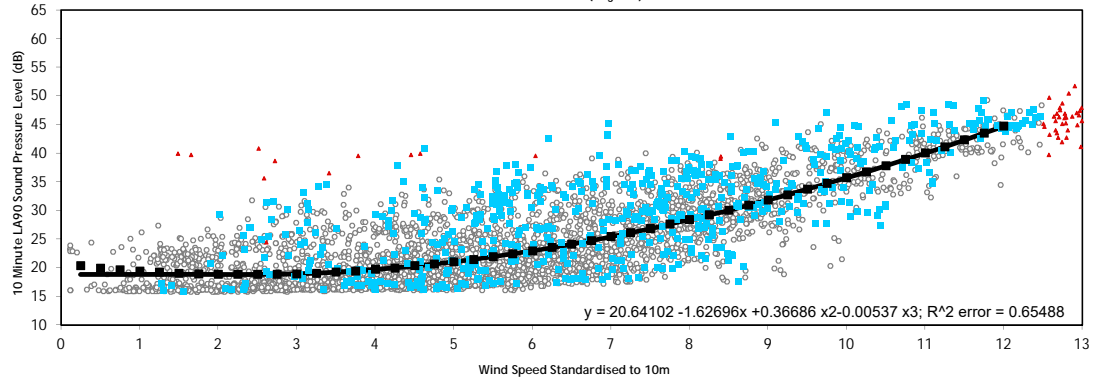
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 180 | 403 | 510 | 462 | 359 | 341 | 326 | 249 | 89 | 62 | 100 |
| Average Noise ONS(Background Noise) | 19.6 | 19.9 | 21.1 | 23.1 | 25.6 | 28.5 | 31.6 | 34.7 | 37.8 | 40.5 | 42.9 |

ETSU-R-97 NIGHT-TIME - Hamelea (NML3)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|-----|------|------|------|------|------|----|------|
| Number of data points | 297 | 363 | 424 | 519 | 469 | 392 | 328 | 199 | 113 | 85 | 48 |
| Average Noise ONS(Background Noise) | 18.8 | 18.9 | 19.7 | 21 | 22.9 | 25.4 | 28.4 | 31.8 | 35.7 | 40 | 44.7 |

Legend:

- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP

Title Background Noise
Hamelea(NML3)

Figure Number A1.2c

Scale NTS

Drawn GC

Checked JM

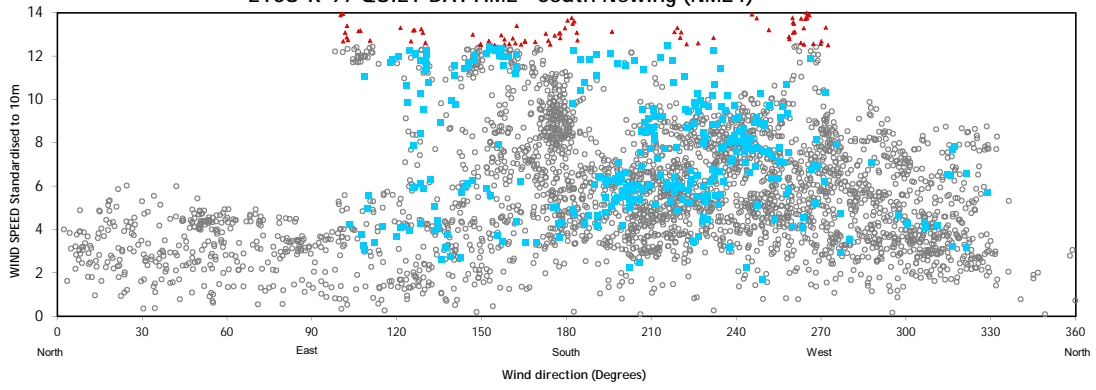
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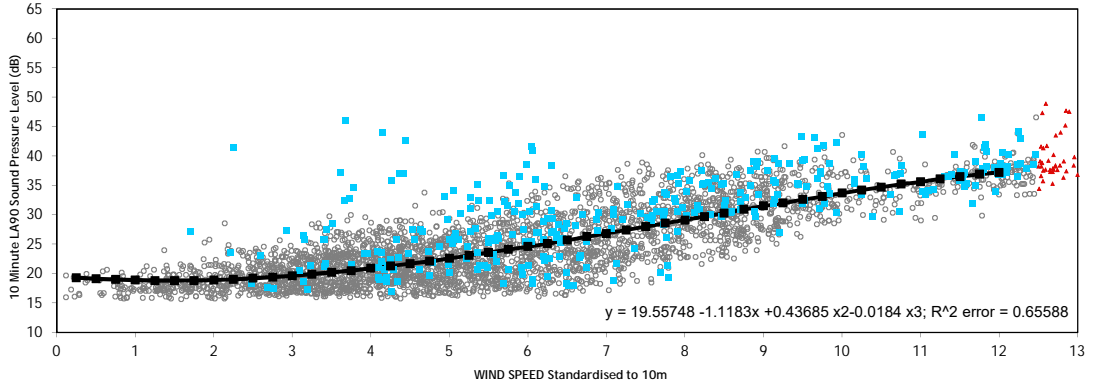


ETSU-R-97 QUIET DAYTIME - South Newing (NML4)

Wind Condition



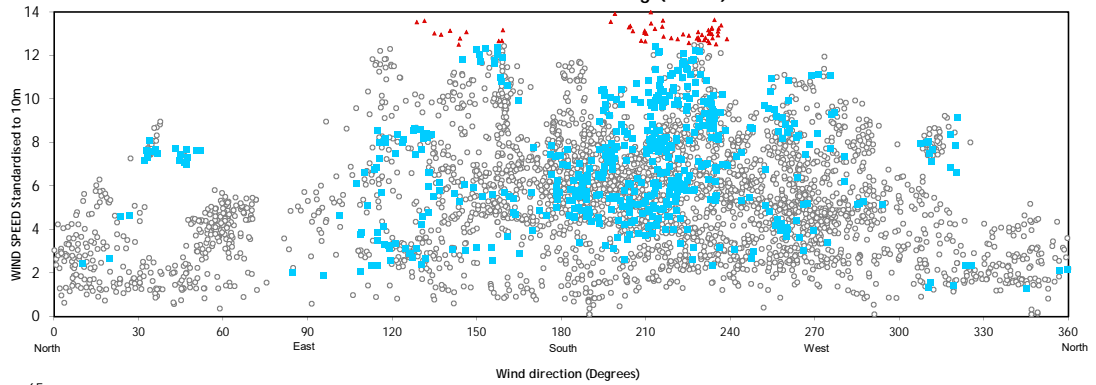
Regression Analysis



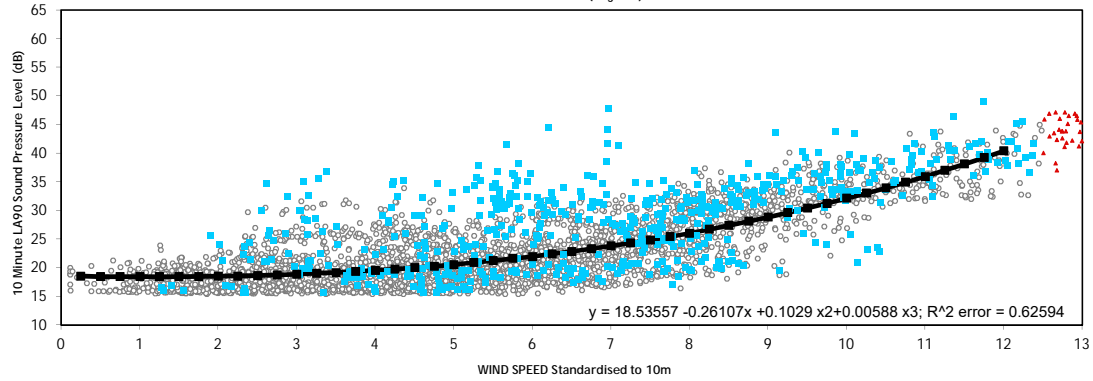
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 176 | 402 | 507 | 458 | 356 | 335 | 311 | 247 | 89 | 61 | 98 |
| Average Noise ONS(Background Noise) | 18.9 | 19.6 | 20.9 | 22.6 | 24.6 | 26.8 | 29.1 | 31.5 | 33.7 | 35.6 | 37.2 |

ETSU-R-97 NIGHT-TIME - South Newing (NML4)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|-----|------|------|------|------|
| Number of data points | 298 | 368 | 426 | 520 | 452 | 373 | 308 | 165 | 106 | 79 | 44 |
| Average Noise ONS(Background Noise) | 18.5 | 18.8 | 19.5 | 20.5 | 21.9 | 23.8 | 26 | 28.8 | 32.1 | 35.9 | 40.4 |

Legend:

- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP

Title Background Noise
South Newing(NML4)

Figure Number A1.2d

Scale NTS

Drawn GC

Checked JM

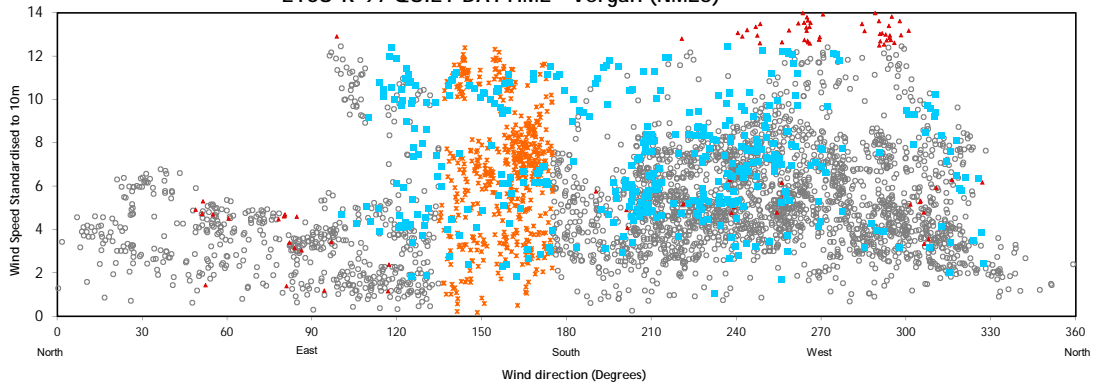
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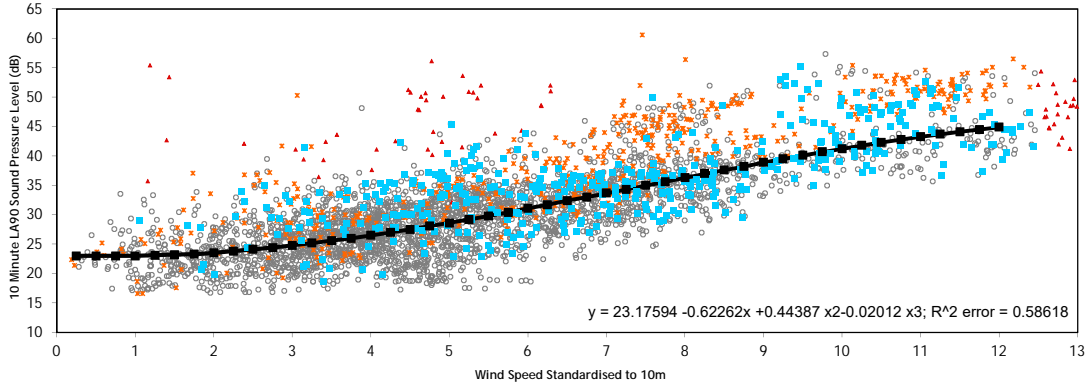


ETSU-R-97 QUIET DAYTIME - Vergan (NML5)

Wind Condition



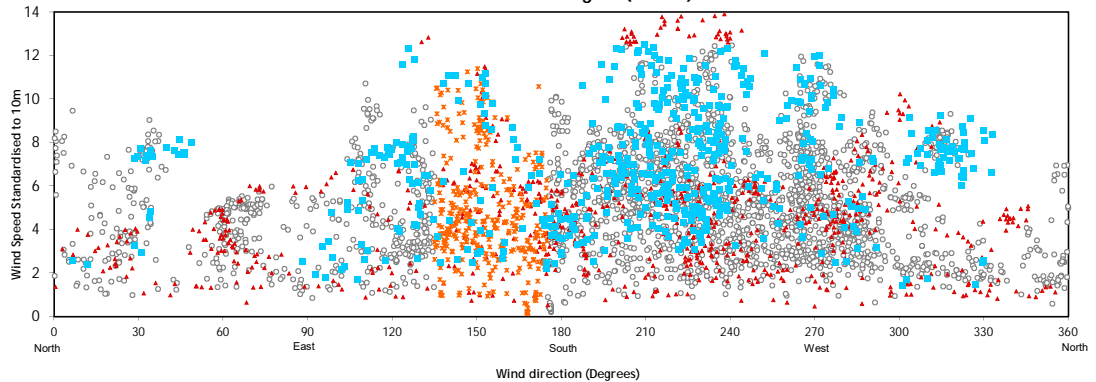
Regression Analysis



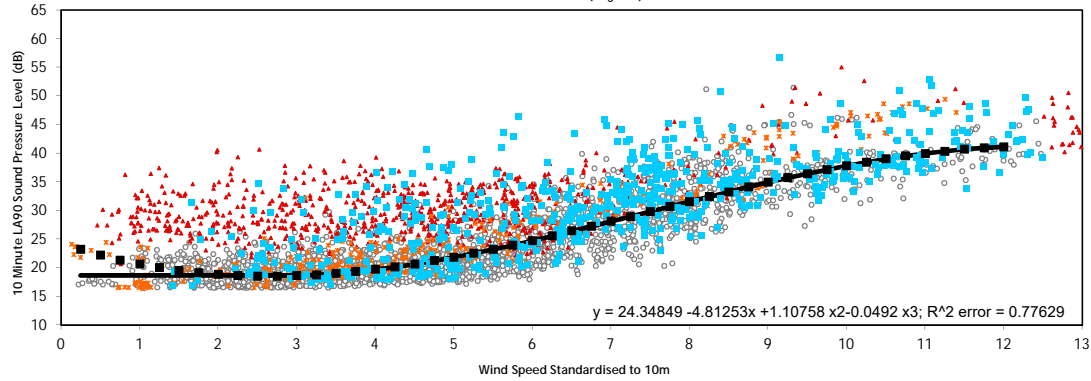
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 204 | 386 | 538 | 482 | 317 | 296 | 213 | 78 | 53 | 43 | 38 |
| Average Noise ONS(Background Noise) | 23.5 | 24.8 | 26.5 | 28.6 | 31.1 | 33.7 | 36.3 | 38.9 | 41.2 | 43.3 | 44.9 |

ETSU-R-97 NIGHT-TIME - Vergan (NML5)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 258 | 371 | 345 | 429 | 293 | 245 | 226 | 101 | 54 | 31 | 28 |
| Average Noise ONS(Background Noise) | 18.6 | 18.6 | 19.7 | 21.8 | 24.7 | 28.1 | 31.5 | 34.9 | 37.8 | 39.9 | 41.1 |

Legend:

- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain
- Excluded Data-Filtered Wind Direction

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP
 Title Background Noise
 Vergan(NML5)

Figure Number A1.2e

Scale NTS

Drawn GC

Checked JM

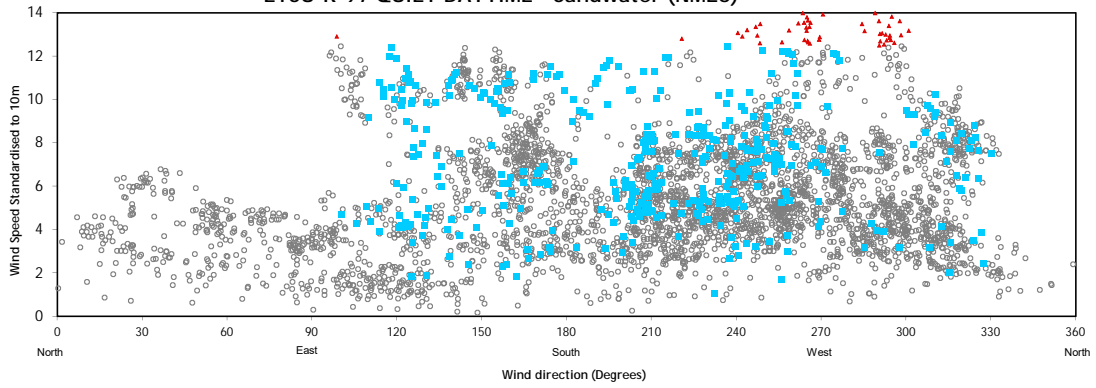
Date 22/10/2018

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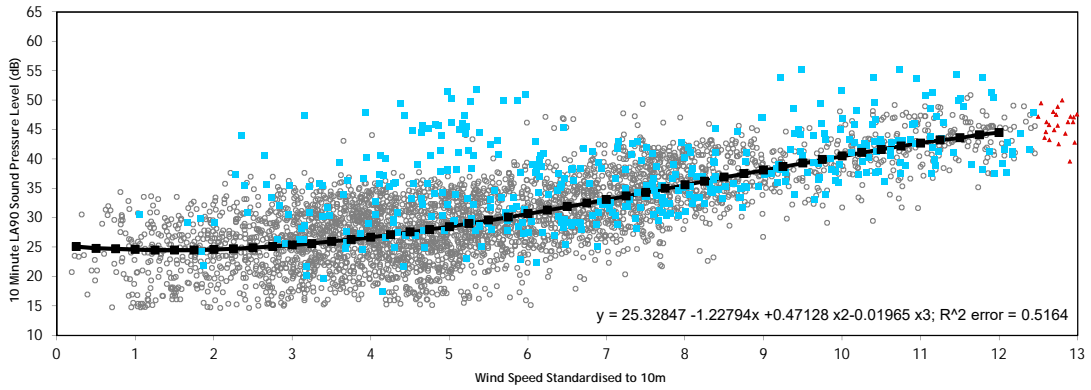


ETSU-R-97 QUIET DAYTIME - Sandwater (NML6)

Wind Condition



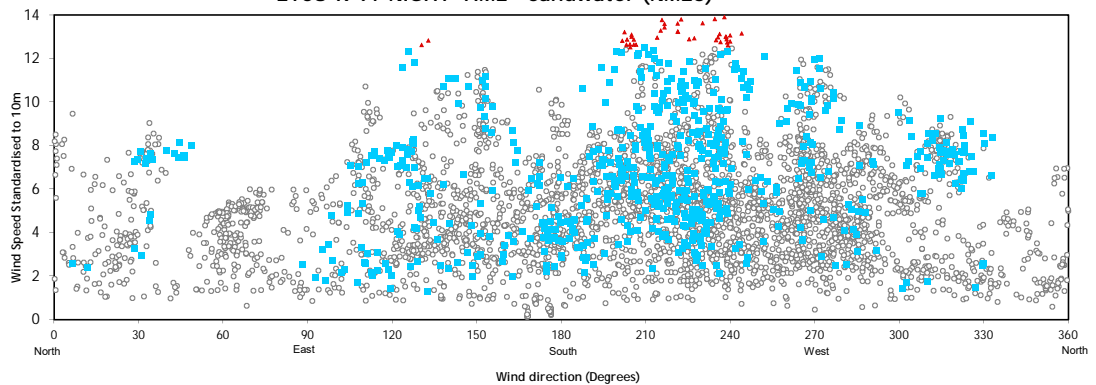
Regression Analysis



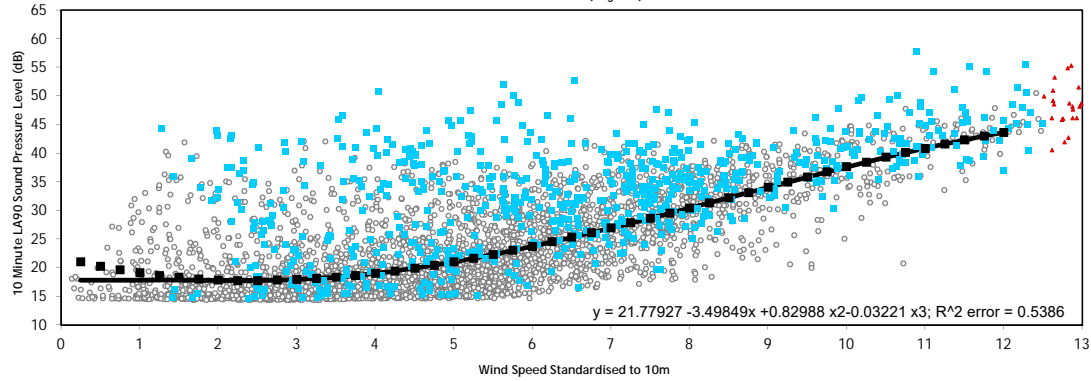
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 226 | 445 | 577 | 553 | 383 | 410 | 321 | 134 | 83 | 93 | 56 |
| Average Noise ONS(Background Noise) | 24.6 | 25.4 | 26.7 | 28.5 | 30.7 | 33.1 | 35.6 | 38.1 | 40.5 | 42.7 | 44.5 |

ETSU-R-97 NIGHT-TIME - Sandwater (NML6)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|-----|-----|------|------|------|-----|------|------|------|
| Number of data points | 350 | 529 | 537 | 622 | 474 | 331 | 253 | 138 | 75 | 41 | 28 |
| Average Noise ONS(Background Noise) | 17.8 | 17.9 | 19 | 21 | 23.7 | 26.9 | 30.4 | 34 | 37.6 | 40.8 | 43.6 |

Legend:

- LA90 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP

Title Background Noise
Sandwater(NML6)

Figure Number A1.2f

Scale NTS

Drawn GC

Checked JM

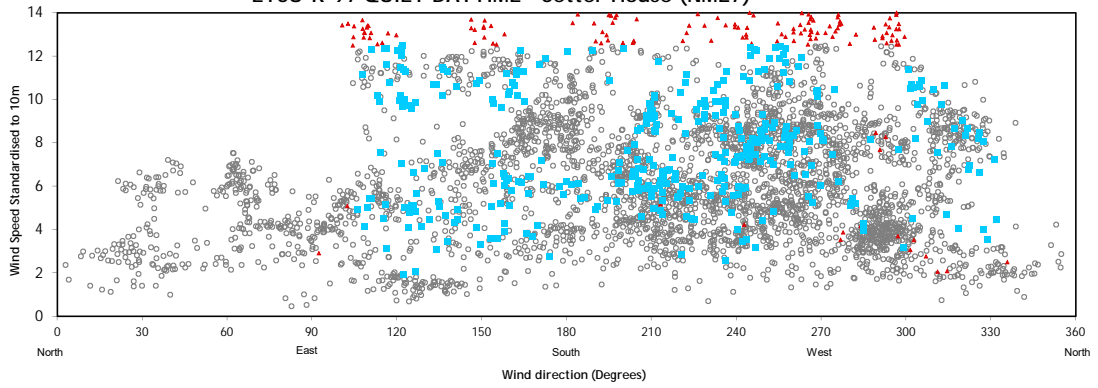
Date 22/10/2018

Document Reference 12604-005

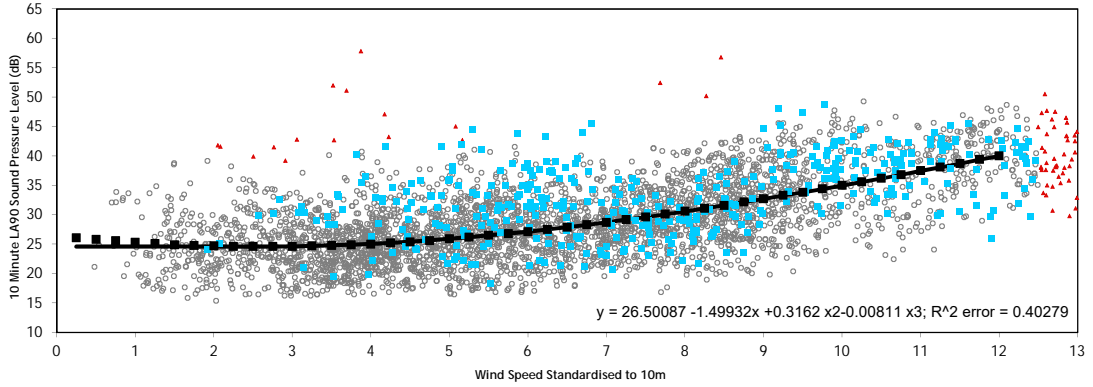


ETSU-R-97 QUIET DAYTIME - Setter House (NML7)

Wind Condition



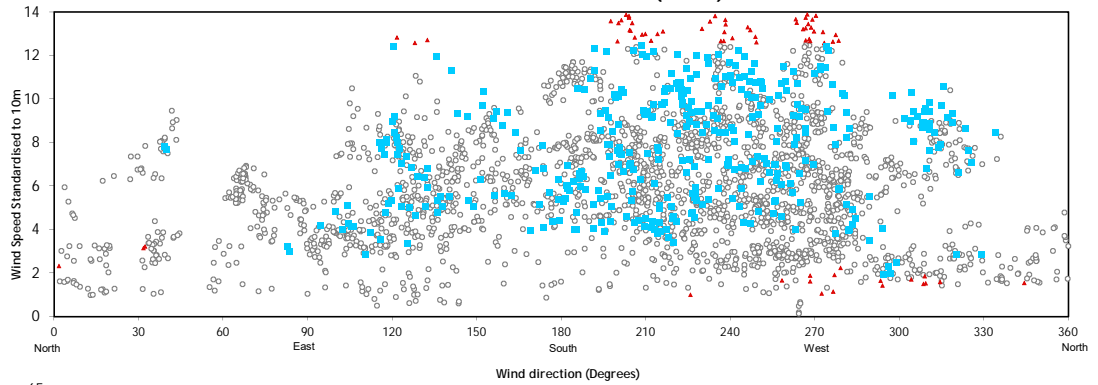
Regression Analysis



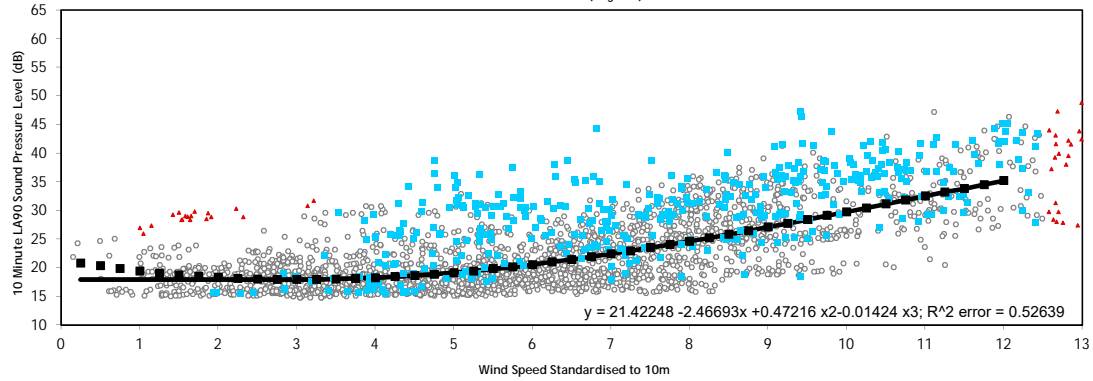
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|-----|------|------|------|------|------|-----|------|----|
| Number of data points | 193 | 332 | 498 | 431 | 393 | 347 | 398 | 378 | 133 | 117 | 95 |
| Average Noise ONS(Background Noise) | 24.6 | 24.6 | 25 | 25.9 | 27.1 | 28.7 | 30.6 | 32.7 | 35 | 37.5 | 40 |

ETSU-R-97 NIGHT-TIME - Setter House (NML7)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 137 | 285 | 245 | 328 | 295 | 292 | 259 | 184 | 66 | 75 | 46 |
| Average Noise ONS(Background Noise) | 17.9 | 17.9 | 18.2 | 19.1 | 20.5 | 22.4 | 24.6 | 27.1 | 29.7 | 32.5 | 35.2 |

Legend:

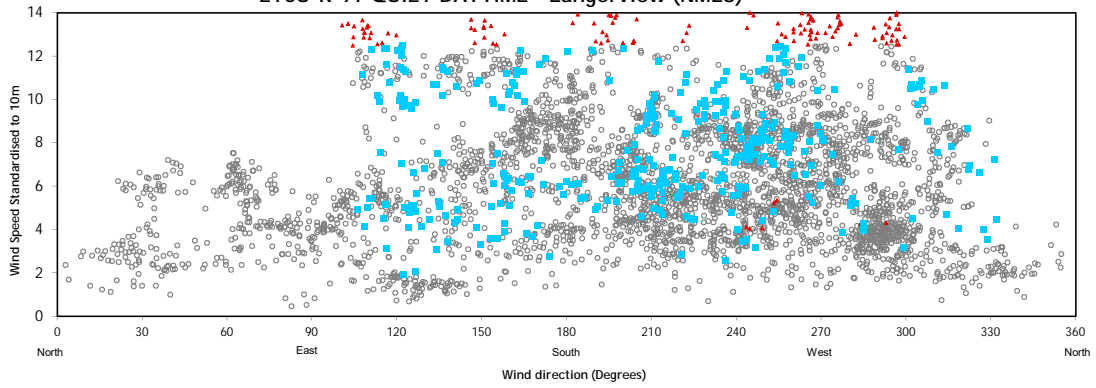
- LA90 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm
Client Viking Energy Wind Farm LLP
Title Background Noise
 Setter House(NML7)
Figure Number A1.2g
Scale NTS
Drawn GC
Checked JM
Date 22/10/2018
Document Reference 12604-005

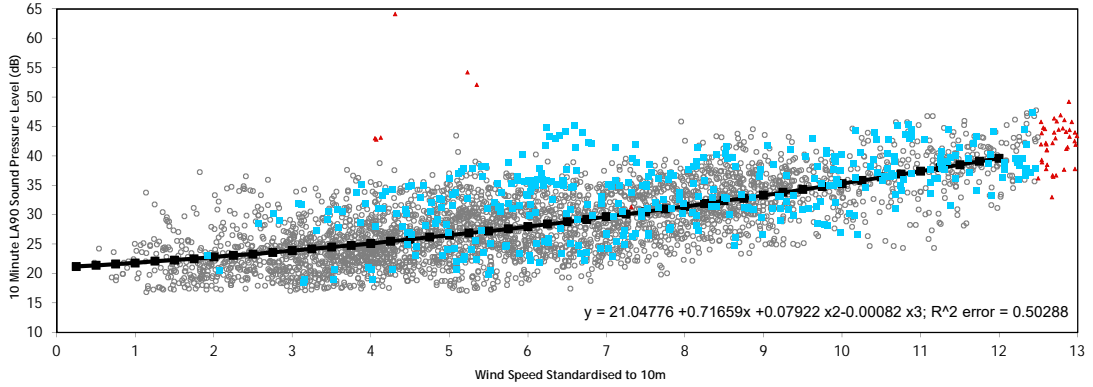


ETSU-R-97 QUIET DAYTIME - Langerview (NML8)

Wind Condition



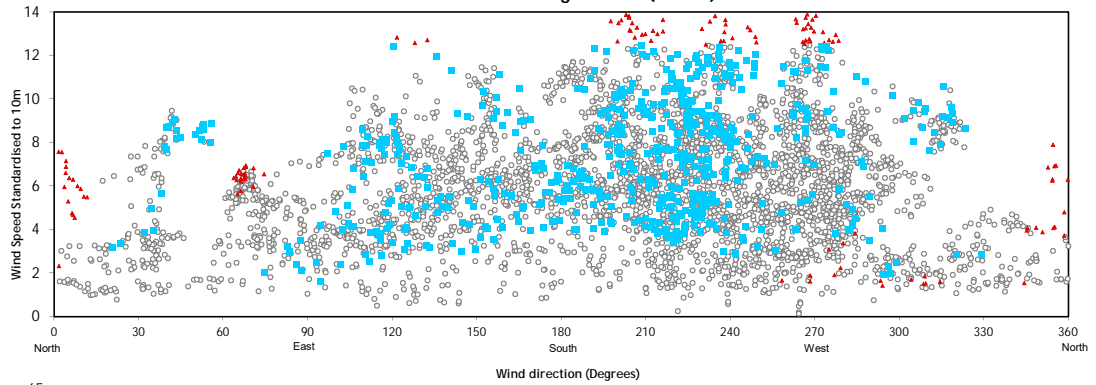
Regression Analysis



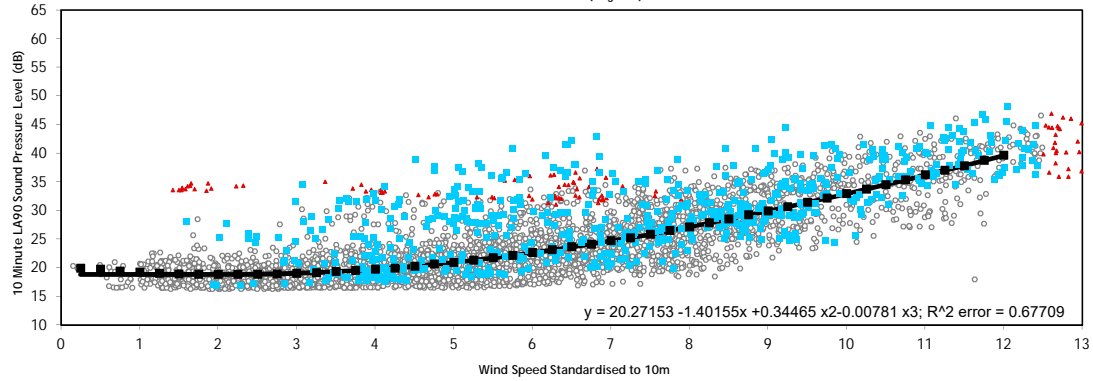
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|-----|------|------|------|------|------|------|
| Number of data points | 195 | 336 | 498 | 430 | 391 | 339 | 366 | 302 | 109 | 115 | 95 |
| Average Noise ONS(Background Noise) | 22.8 | 23.9 | 25.1 | 26.5 | 28 | 29.7 | 31.4 | 33.3 | 35.3 | 37.4 | 39.6 |

ETSU-R-97 NIGHT-TIME - Langerview (NML8)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|-----|------|------|------|------|------|------|------|------|------|
| Number of data points | 242 | 384 | 367 | 482 | 495 | 411 | 348 | 266 | 130 | 109 | 60 |
| Average Noise ONS(Background Noise) | 18.8 | 19 | 19.7 | 20.9 | 22.6 | 24.7 | 27.1 | 29.9 | 32.9 | 36.2 | 39.6 |

Legend:

- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

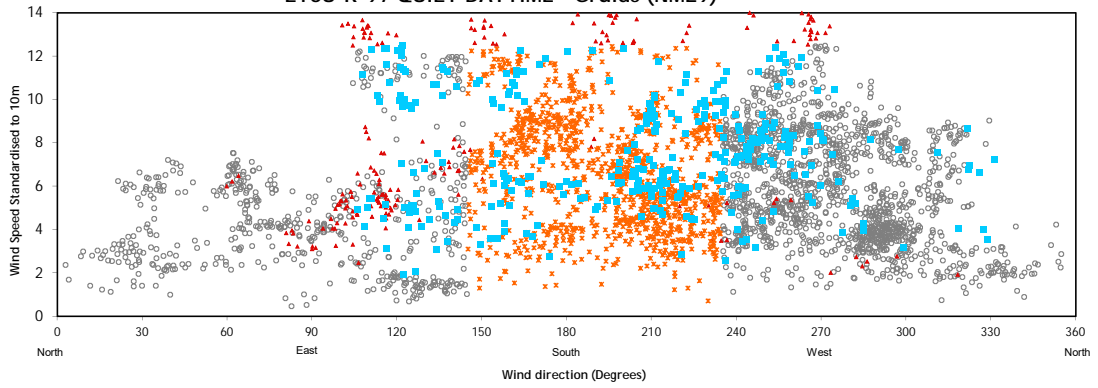
Client Viking Energy Wind Farm LLP
 Title Background Noise
 Langerview(NML8)

Figure Number A1.2h
 Scale NTS
 Drawn GC
 Checked JM
 Date 22/10/2018
 Document Reference 12604-005

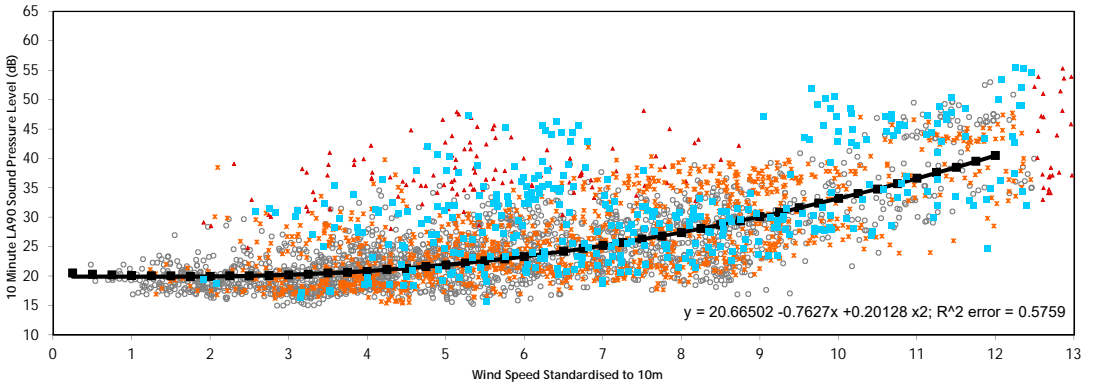


ETSU-R-97 QUIET DAYTIME - Gruids (NML9)

Wind Condition



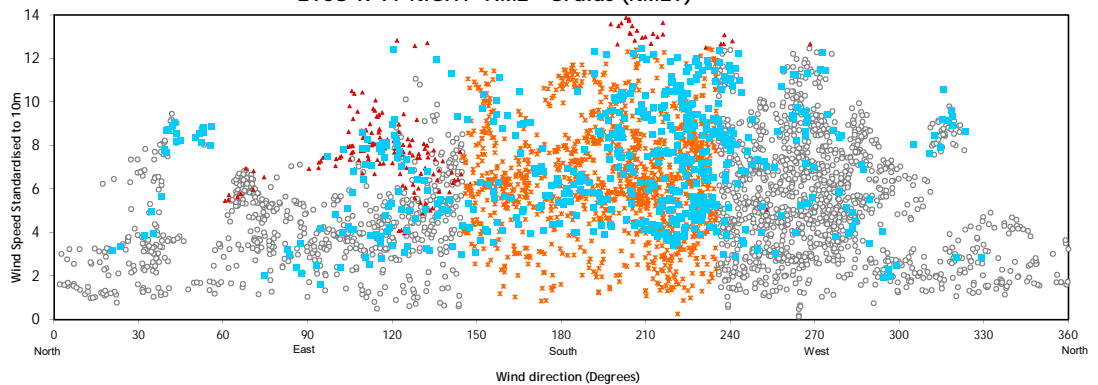
Regression Analysis



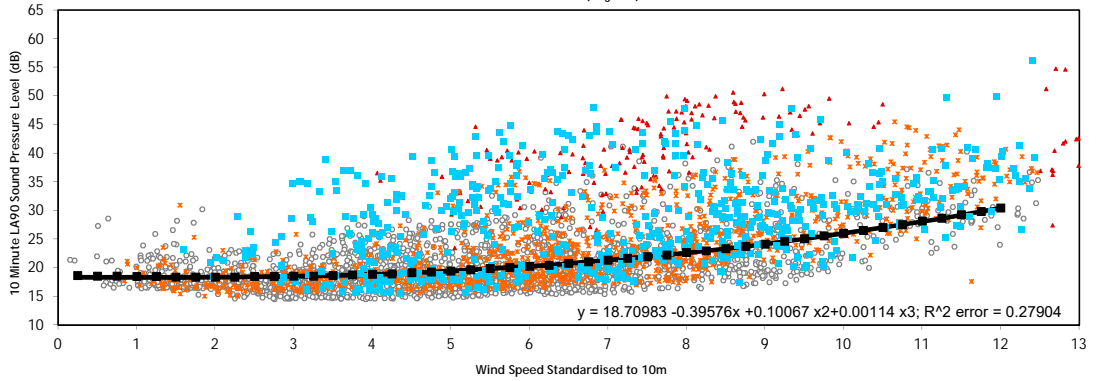
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 165 | 235 | 333 | 248 | 223 | 182 | 207 | 153 | 50 | 64 | 37 |
| Average Noise ONS(Background Noise) | 19.9 | 20.2 | 20.8 | 21.9 | 23.3 | 25.2 | 27.4 | 30.1 | 33.2 | 36.6 | 40.5 |

ETSU-R-97 NIGHT-TIME - Gruids (NML9)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|----|------|------|
| Number of data points | 192 | 299 | 267 | 322 | 253 | 213 | 138 | 139 | 48 | 34 | 24 |
| Average Noise ONS(Background Noise) | 18.3 | 18.5 | 18.8 | 19.4 | 20.2 | 21.3 | 22.6 | 24.1 | 26 | 28.1 | 30.4 |

Legend:

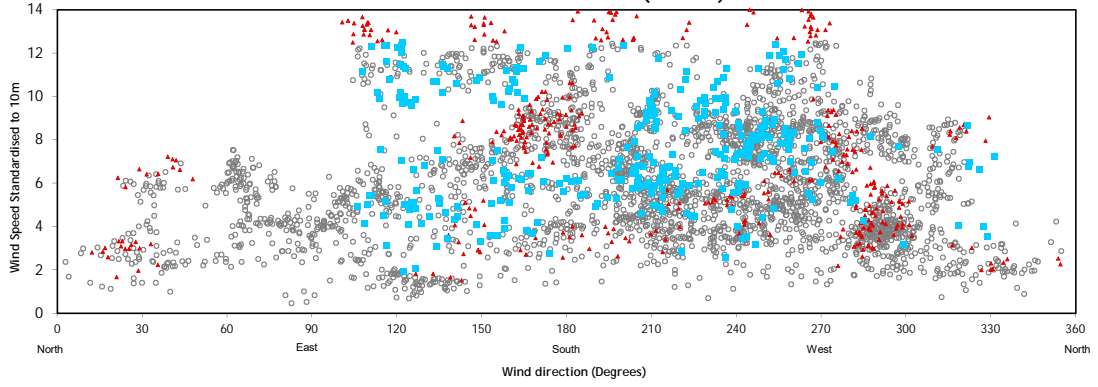
- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain
- Excluded Data-Filtered Wind Direction

Project Viking Wind Farm
 Client Viking Energy Wind Farm LLP
 Title Background Noise Gruids(NML9)
 Figure Number A1.2i
 Scale NTS
 Drawn GC
 Checked JM
 Date 22/10/2018
 Document Reference 12604-005

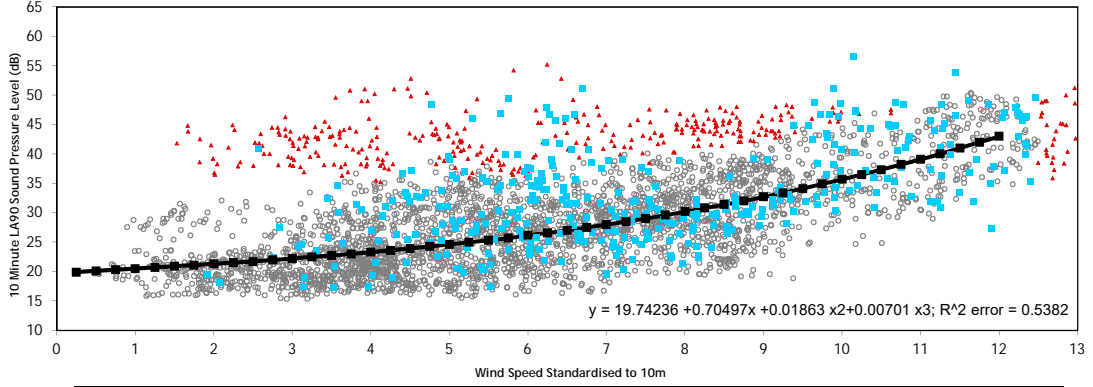


ETSU-R-97 QUIET DAYTIME - Naelea (NML10)

Wind Condition



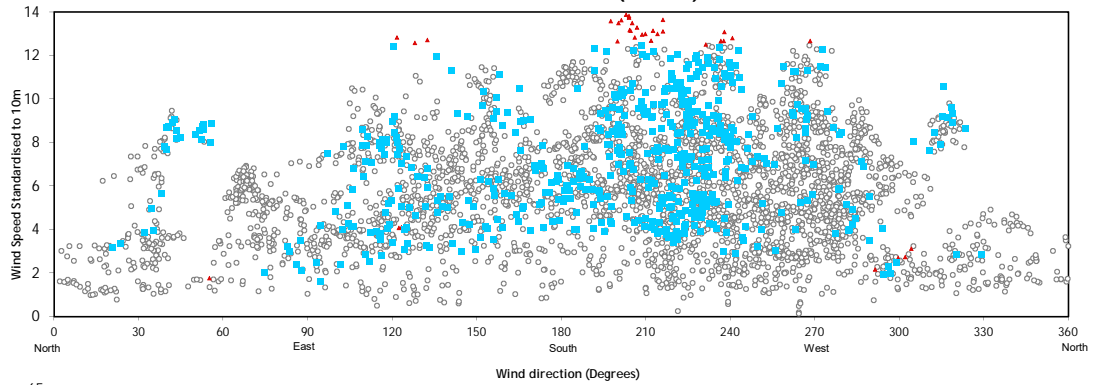
Regression Analysis



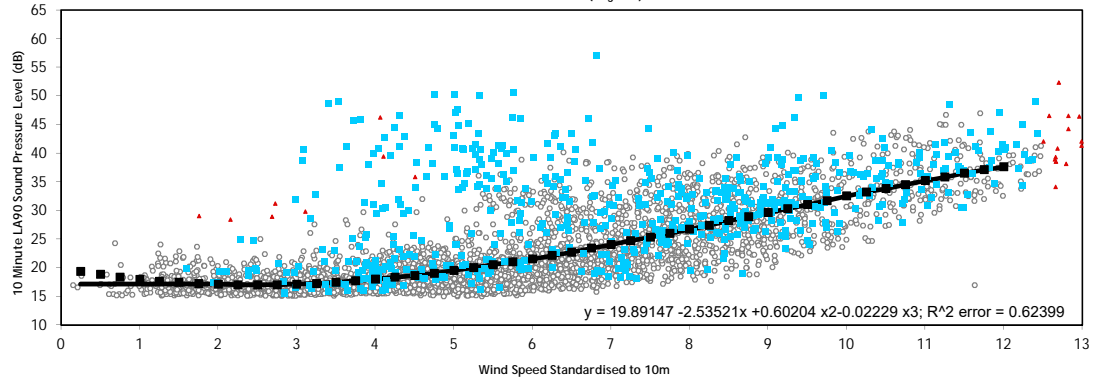
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|-----|------|------|------|------|----|
| Number of data points | 173 | 290 | 450 | 376 | 337 | 296 | 311 | 258 | 94 | 103 | 85 |
| Average Noise ONS(Background Noise) | 21.3 | 22.2 | 23.3 | 24.6 | 26.2 | 28 | 30.2 | 32.7 | 35.7 | 39.1 | 43 |

ETSU-R-97 NIGHT-TIME - Naelea (NML10)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|-----|------|------|-----|------|------|------|------|------|
| Number of data points | 240 | 381 | 362 | 471 | 504 | 407 | 326 | 234 | 114 | 106 | 51 |
| Average Noise ONS(Background Noise) | 17.1 | 17.1 | 18 | 19.5 | 21.5 | 24 | 26.7 | 29.6 | 32.5 | 35.2 | 37.6 |

Legend:

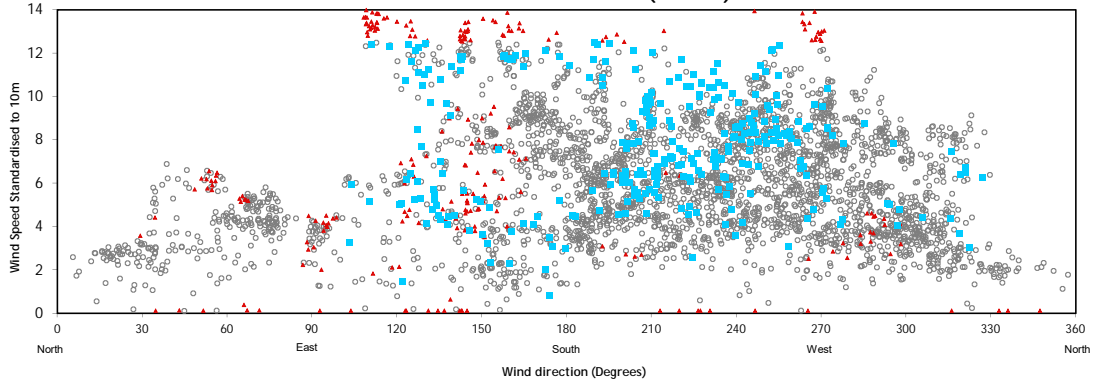
- LAeq 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm
Client Viking Energy Wind Farm LLP
Title Background Noise
 Naelea(NML10)
Figure Number A1.2j
Scale NTS
Drawn GC
Checked JM
Date 22/10/2018
Document Reference 12604-005

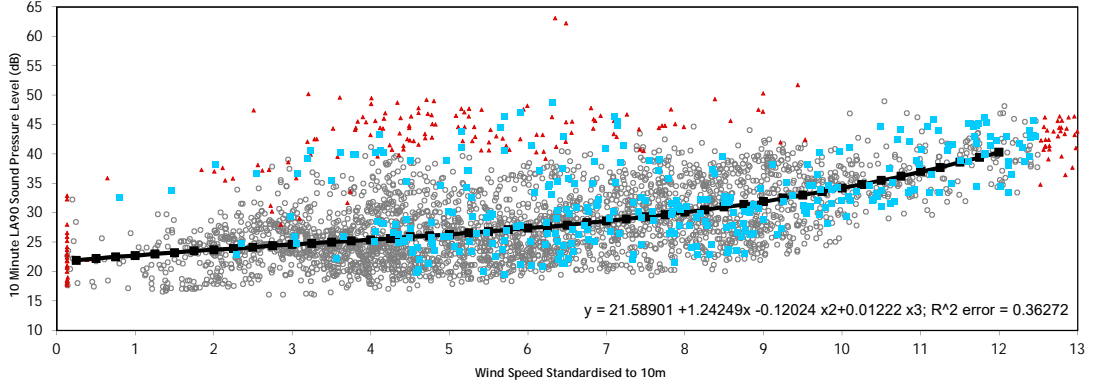


ETSU-R-97 QUIET DAYTIME - Hoddins (NML11)

Wind Condition



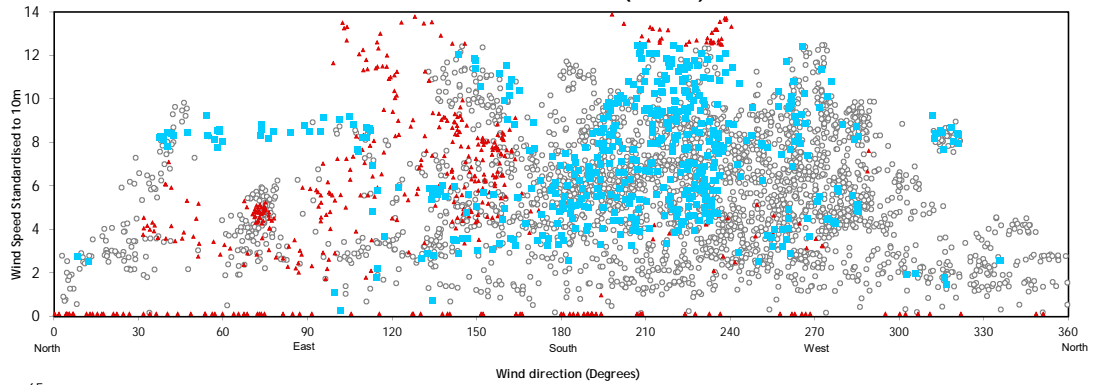
Regression Analysis



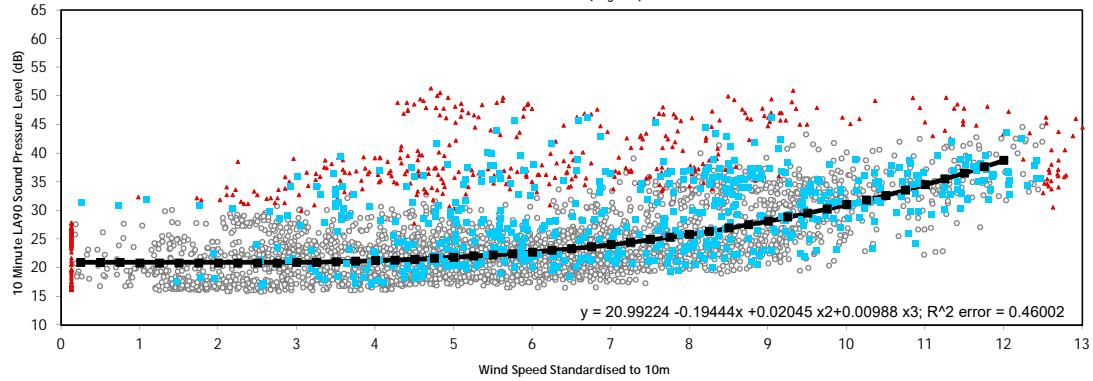
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|----|------|
| Number of data points | 177 | 311 | 483 | 360 | 373 | 281 | 335 | 279 | 125 | 68 | 58 |
| Average Noise ONS(Background Noise) | 23.7 | 24.6 | 25.4 | 26.3 | 27.4 | 28.6 | 30.1 | 31.9 | 34.2 | 37 | 40.3 |

ETSU-R-97 NIGHT-TIME - Hoddins (NML11)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|-----|------|------|-----|------|------|
| Number of data points | 229 | 315 | 340 | 385 | 393 | 345 | 249 | 257 | 121 | 69 | 37 |
| Average Noise ONS(Background Noise) | 20.9 | 20.9 | 21.2 | 21.8 | 22.7 | 24 | 25.8 | 28.1 | 31 | 34.5 | 38.7 |

Legend:

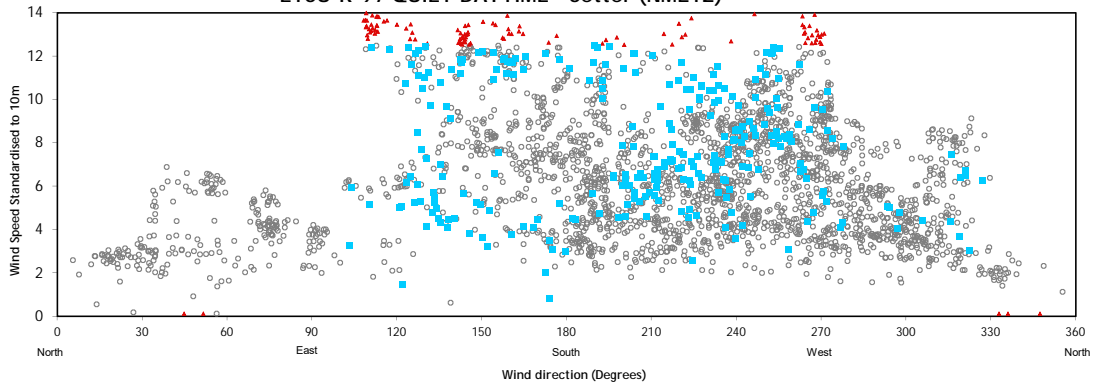
- LA90 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm
 Client Viking Energy Wind Farm LLP
 Title Background Noise
 Hoddins(NML11)
 Figure Number A1.2k
 Scale NTS
 Drawn GC
 Checked JM
 Date 22/10/2018
 Document Reference 12604-005

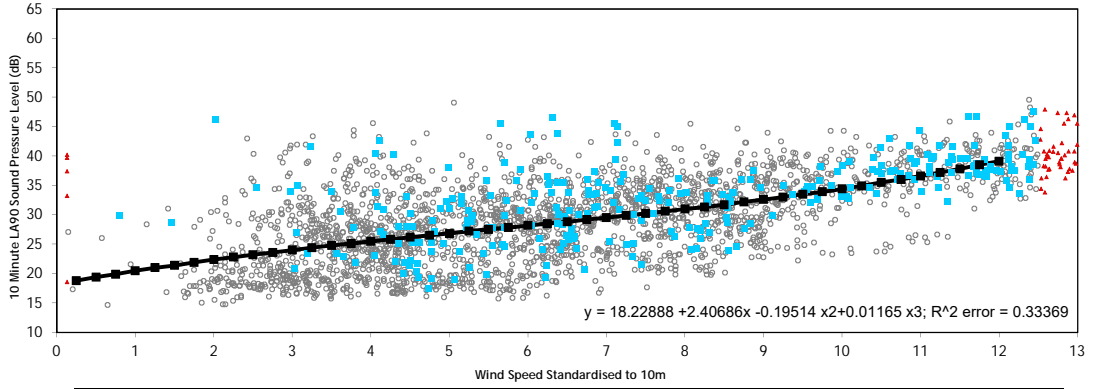


ETSU-R-97 QUIET DAYTIME - Setter (NML12)

Wind Condition



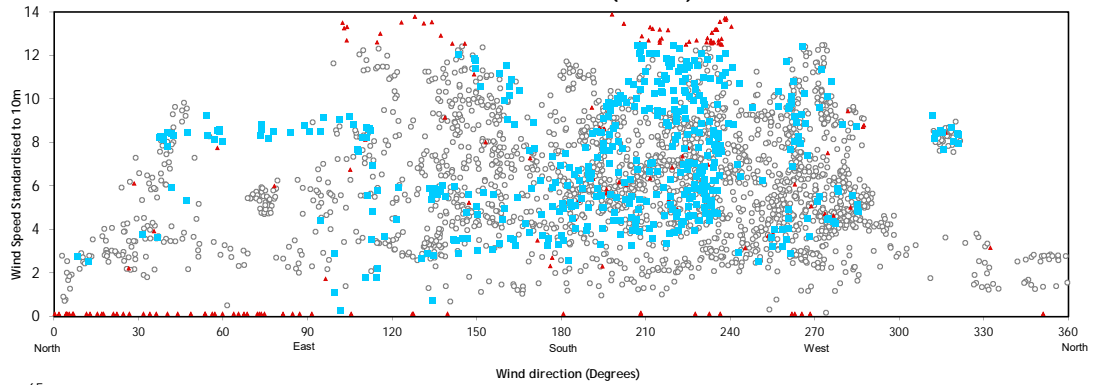
Regression Analysis



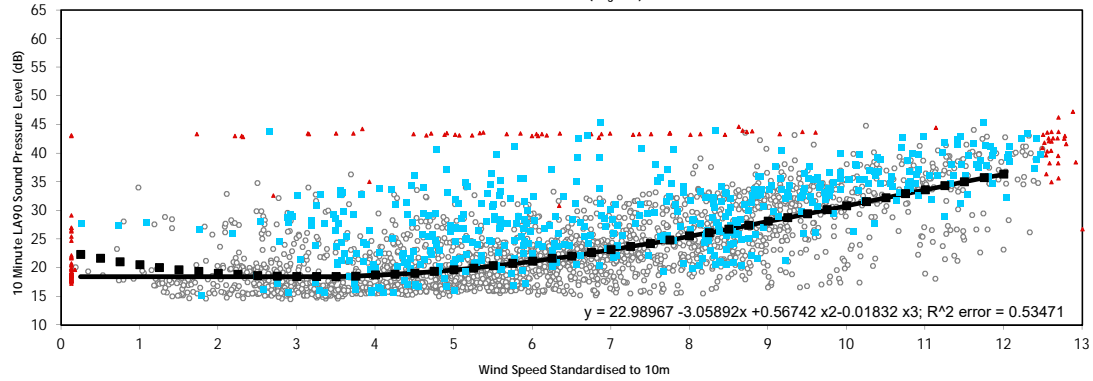
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|-----|------|------|------|------|-----|------|------|------|------|
| Number of data points | 90 | 272 | 370 | 260 | 313 | 222 | 262 | 209 | 89 | 77 | 76 |
| Average Noise ONS(Background Noise) | 22.4 | 24 | 25.5 | 26.8 | 28.2 | 29.5 | 31 | 32.6 | 34.4 | 36.6 | 39.1 |

ETSU-R-97 NIGHT-TIME- Setter (NML12)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 107 | 235 | 251 | 329 | 340 | 276 | 220 | 232 | 117 | 82 | 46 |
| Average Noise ONS(Background Noise) | 18.4 | 18.4 | 18.7 | 19.6 | 21.1 | 23.1 | 25.5 | 28.1 | 30.8 | 33.6 | 36.3 |

Legend:

- LA90 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP

Title Background Noise
Setter(NML12)

Figure Number A1.2I

Scale NTS

Drawn GC

Checked JM

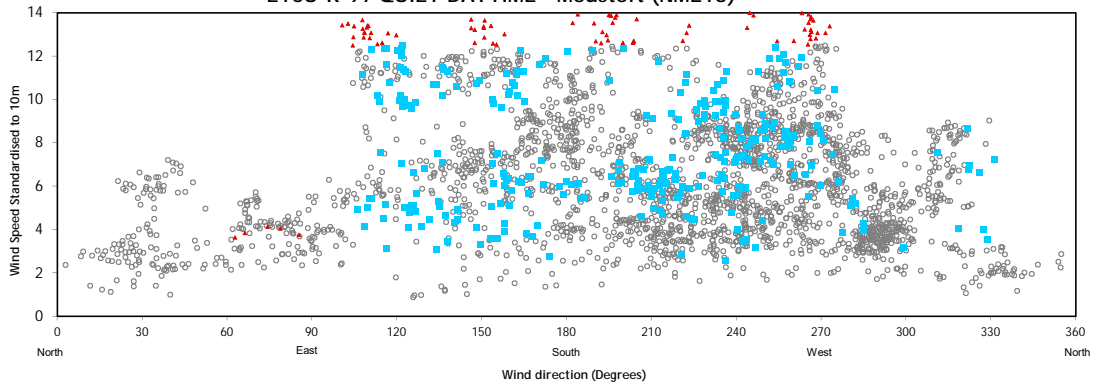
Date 23/10/2018

Document Reference 12604-005

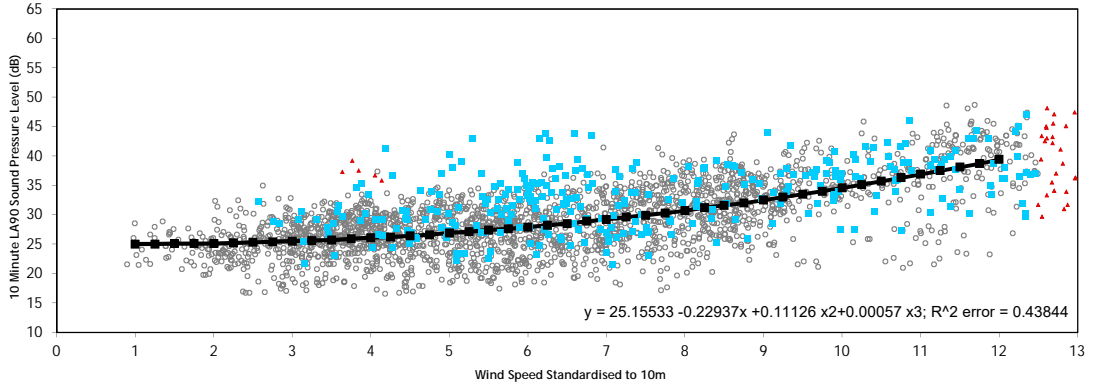


ETSU-R-97 QUIET DAYTIME - Moustoft (NML13)

Wind Condition



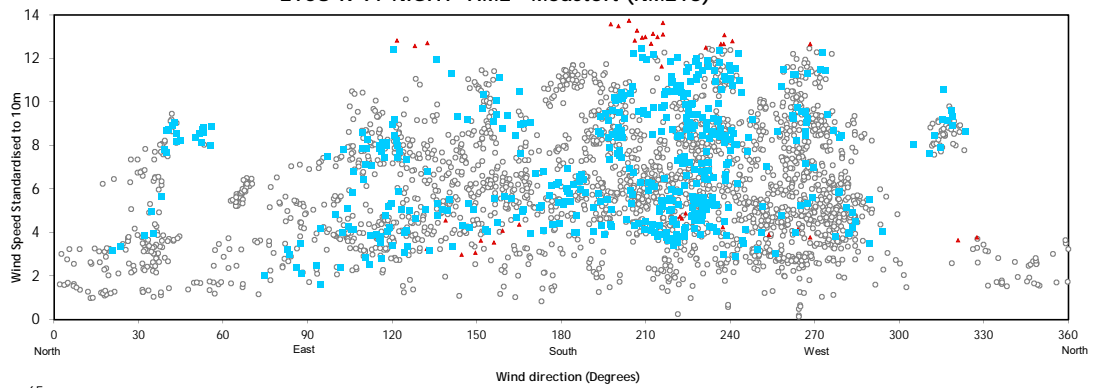
Regression Analysis



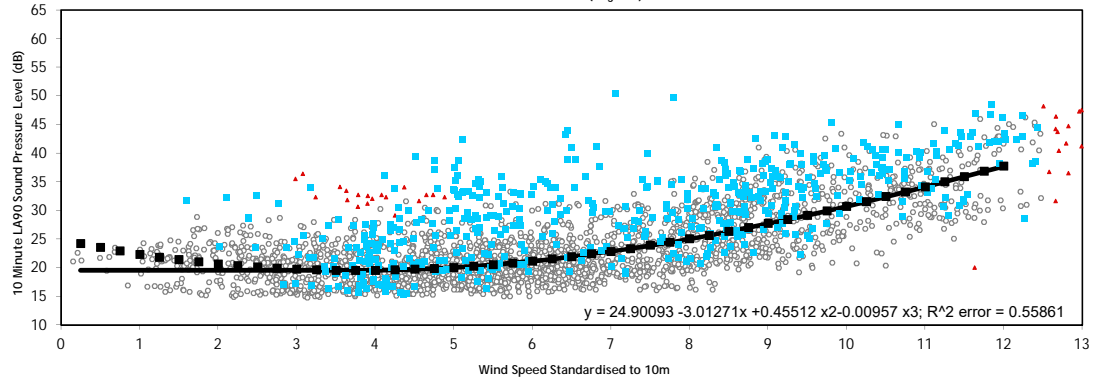
| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Number of data points | 105 | 260 | 371 | 263 | 276 | 225 | 219 | 71 | 100 | 85 | |
| Average Noise ONS(Background Noise) | 25.1 | 25.5 | 26.1 | 26.9 | 27.9 | 29.2 | 30.7 | 32.5 | 34.6 | 36.9 | 39.4 |

ETSU-R-97 NIGHT-TIME - Moustoft (NML13)

Wind Conditions



Regression Analysis



| Wind Speed (m/s) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|-----|------|------|-----|------|------|------|------|
| Number of data points | 125 | 258 | 261 | 347 | 365 | 241 | 245 | 214 | 107 | 103 | 42 |
| Average Noise ONS(Background Noise) | 19.5 | 19.5 | 19.5 | 20 | 21.1 | 22.8 | 25 | 27.7 | 30.7 | 34.1 | 37.7 |

Legend:

- LA90 10 Minute Measurement Point
- Line of best fit
- Line of best fit flat lined where appropriate(Prevailing Background)
- Excluded Data-Manual exclusion
- Excluded Data-Rain

Project Viking Wind Farm

Client Viking Energy Wind Farm LLP

Title Background Noise
Moustoft(NML13)

Figure Number A1.2m

Scale NTS

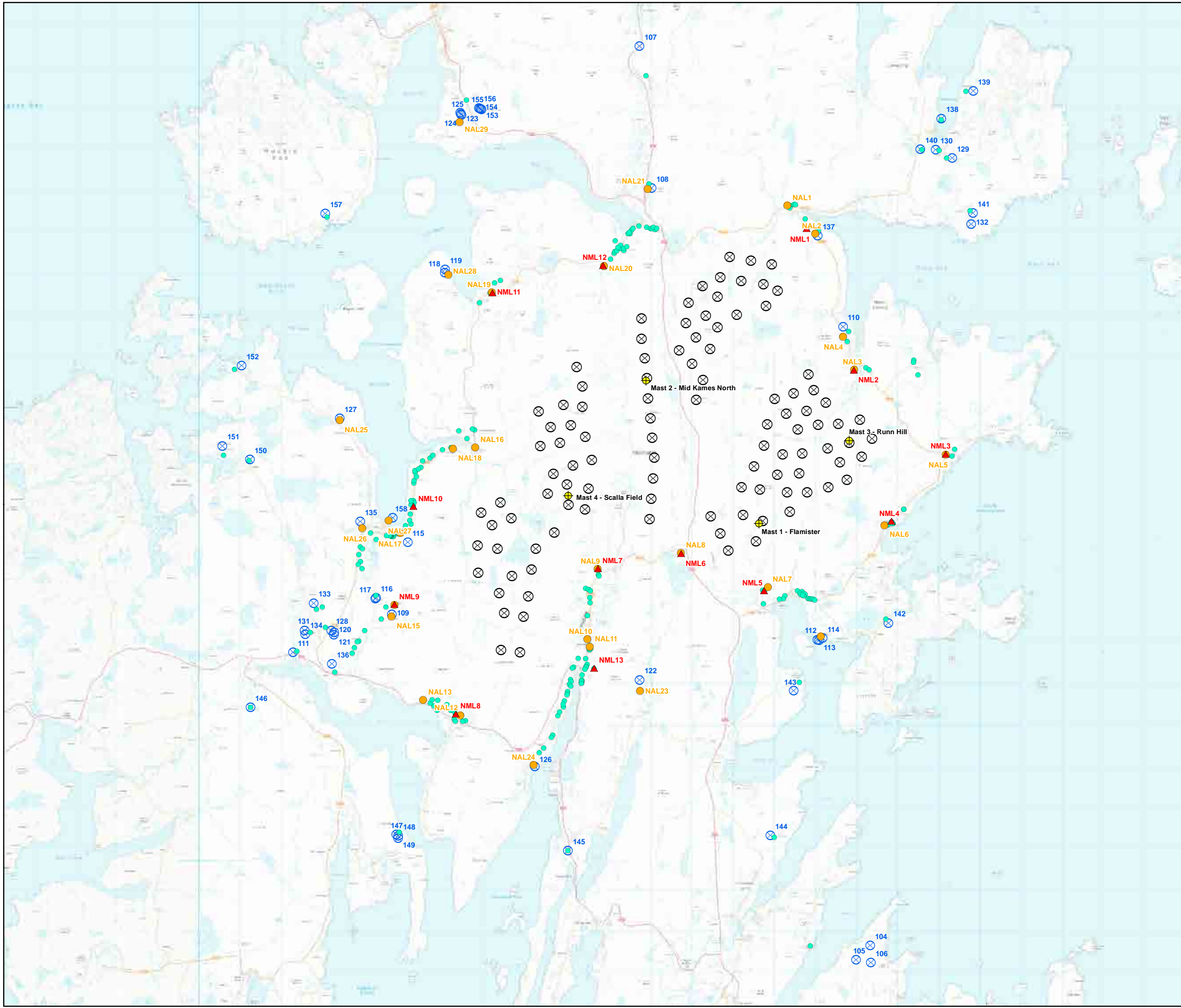
Drawn GC

Checked JM

Date 23/10/2018

Document Reference 12604-005





Legend

- ⊗ Wind Turbine (Viking Wind Farm)
- ⊗ Wind Turbine (Cumulative)*
- ▲ Noise Monitoring Location (NML)
- Noise Assessment Location (NAL)
- Noise Sensitive Receptor (NSR)
- ⊕ Meteorological Mast

* List of cumulative turbines modelled available in Annex 7 of Technical Appendix 6.1: Operational Noise



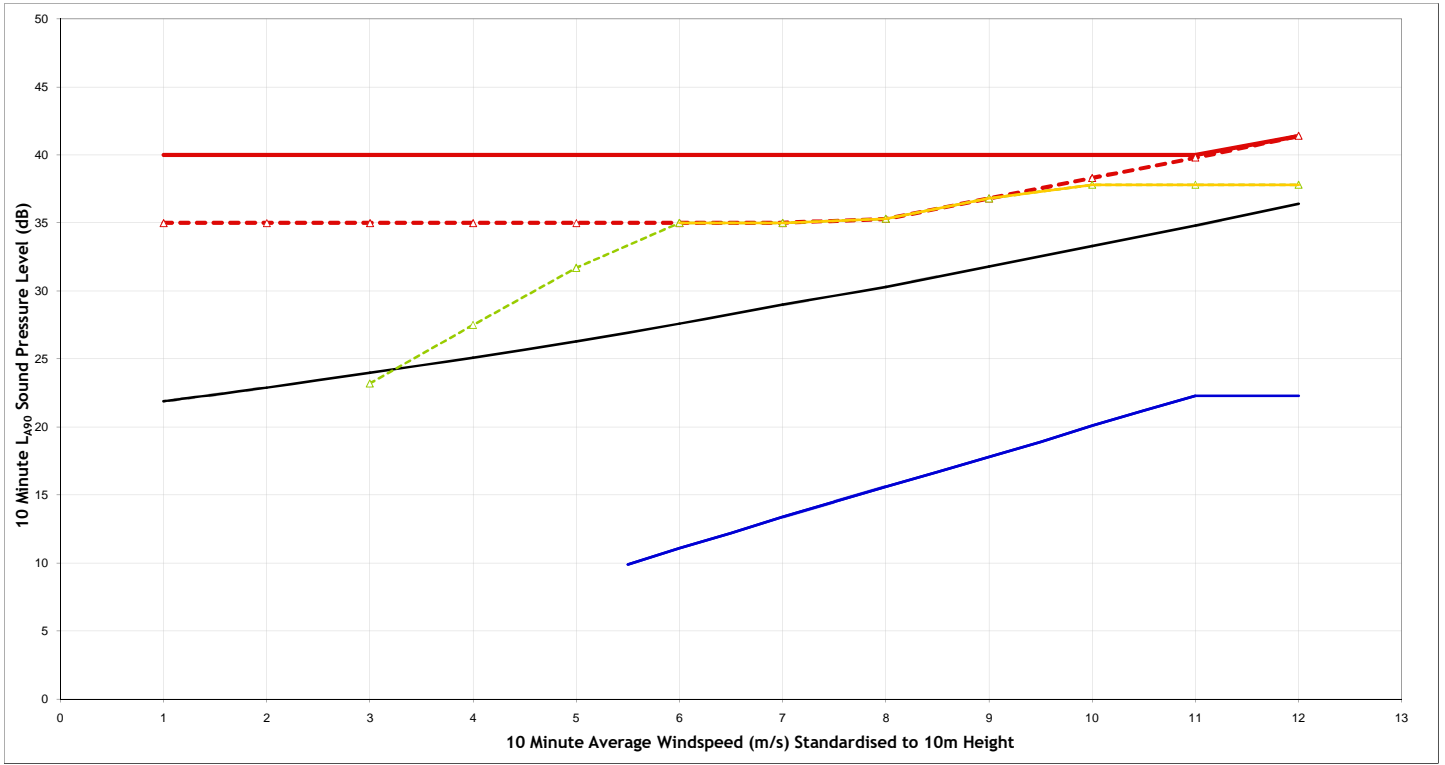
Contains Ordnance Survey data © Crown copyright and database right 2018

| | | | | | |
|------|--------------|-------|-------|-------|------------|
| R2 | SECOND ISSUE | MT | JB | GC | 17/10/2018 |
| R1 | FIRST ISSUE | MT | JM | GC | 05/09/2018 |
| REV. | DETAILS | DRAWN | CHK'D | APP'D | DATE |

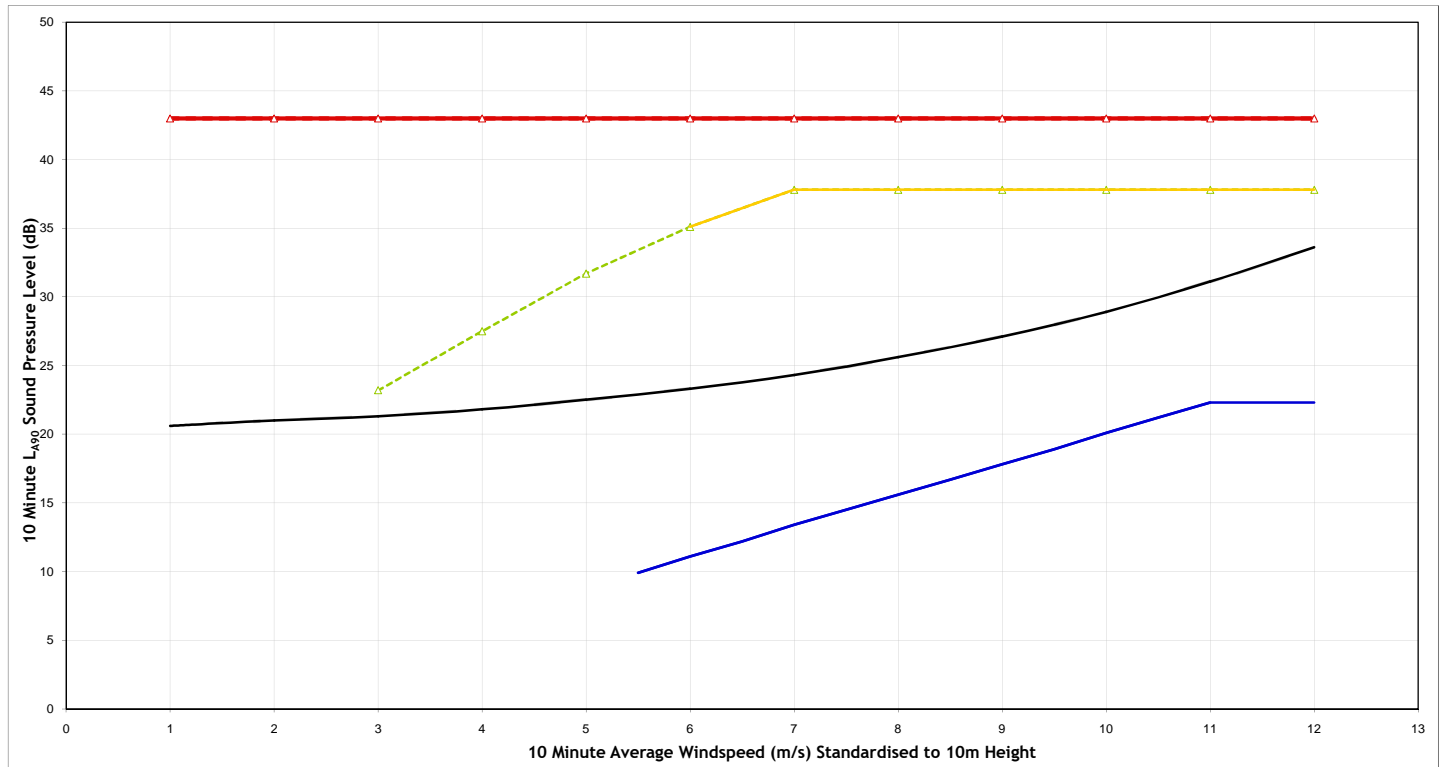
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| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Cumulative Wind Turbine Locations |
| Figure No. | A1.3 |
| Scale | 1:85,000 @A3 |
| Doc. Ref. | 12604-022 |



Daytime - Glenlea(NAL1) - (Area: Laxo 1)



Night Time - Glenlea(NAL1) - (Area: Laxo 1)



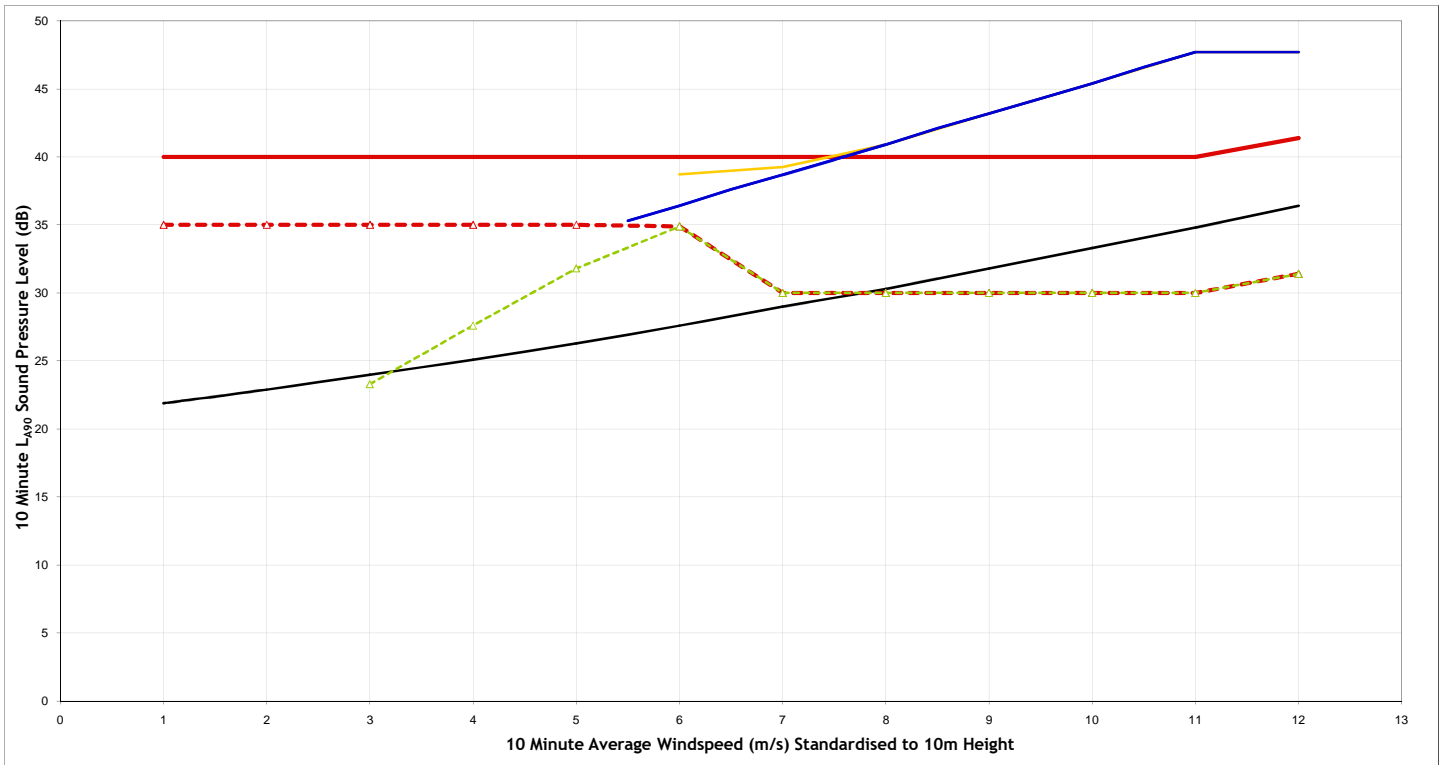
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

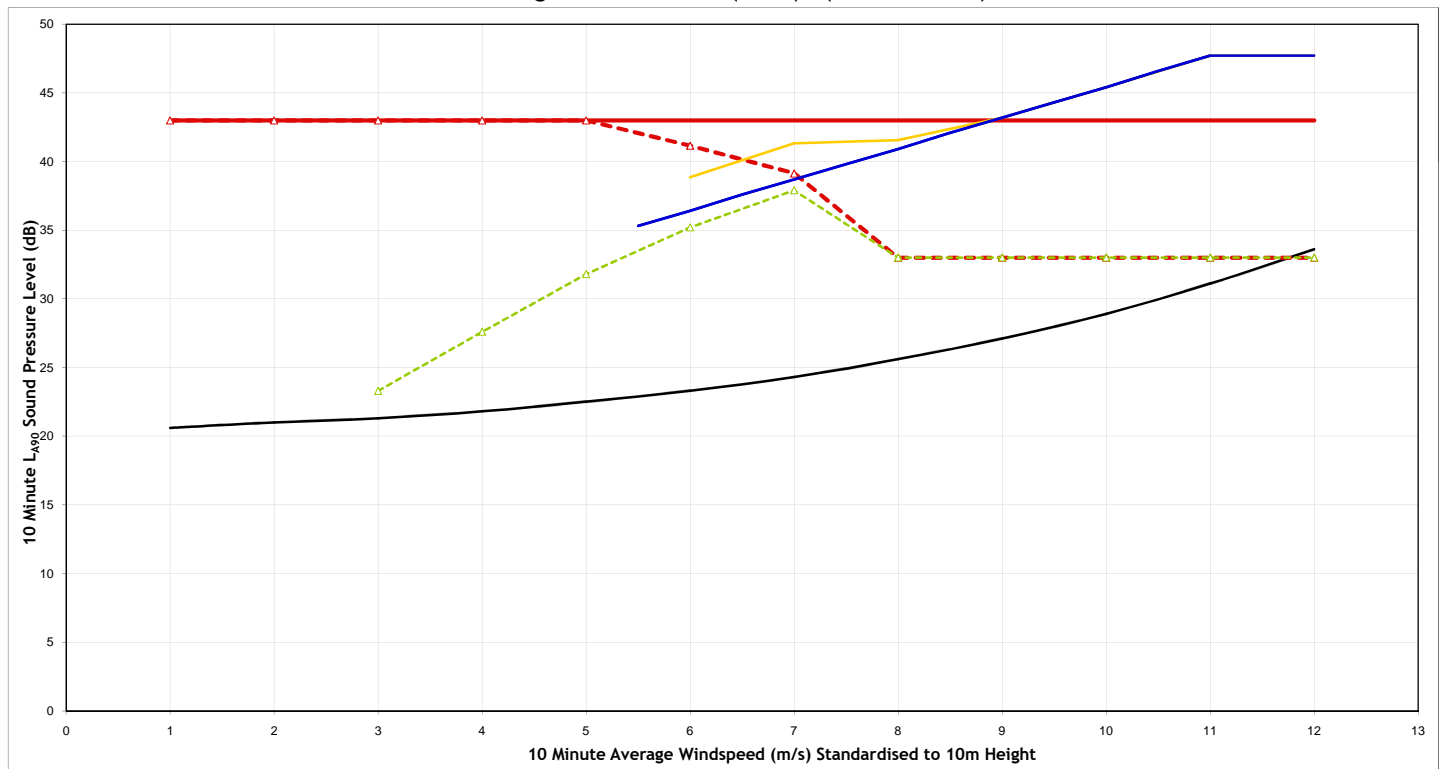
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|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Glenlea (NAL1) |
| Figure Number | A1.4a |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Tararet(NAL2) - (Area: Laxo 10)



Night Time - Tararet(NAL2) - (Area: Laxo 10)



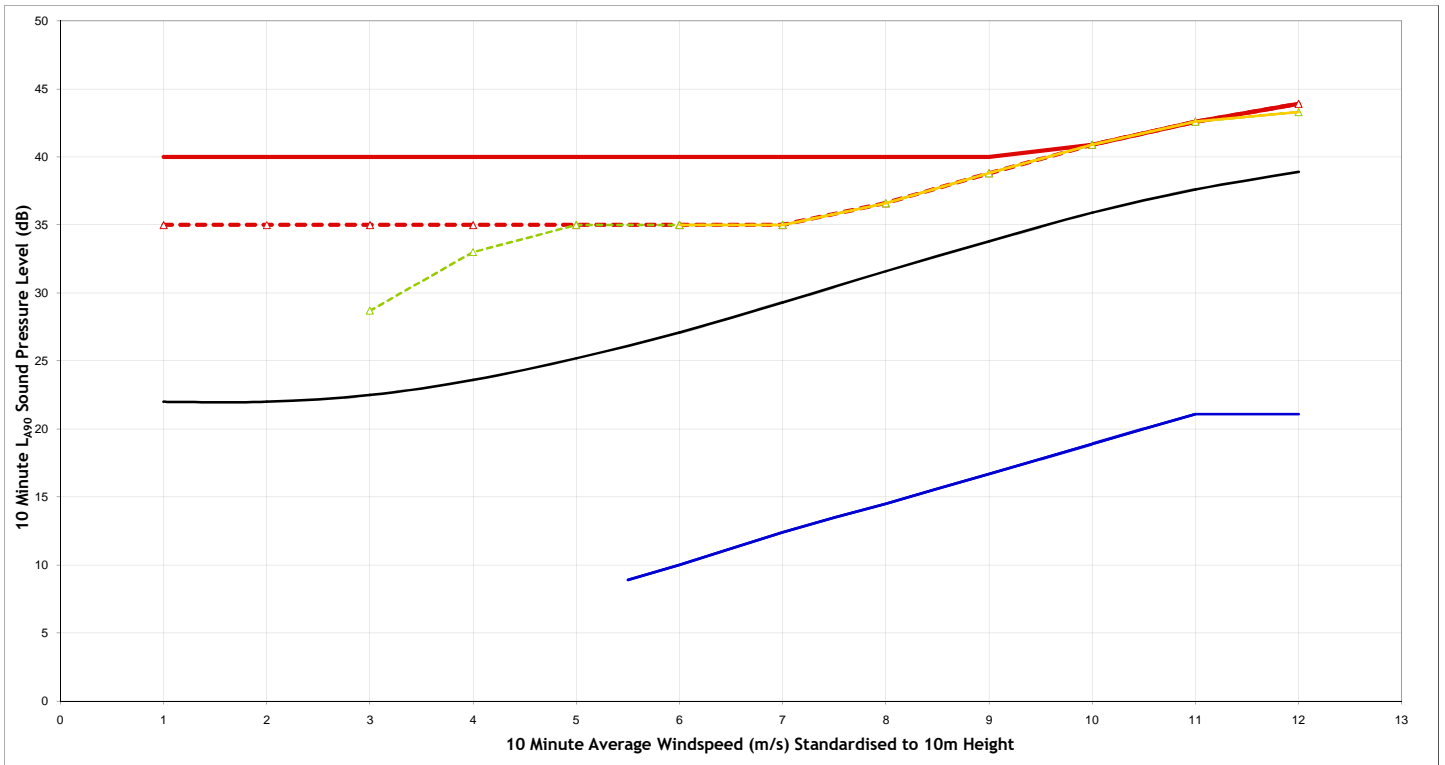
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

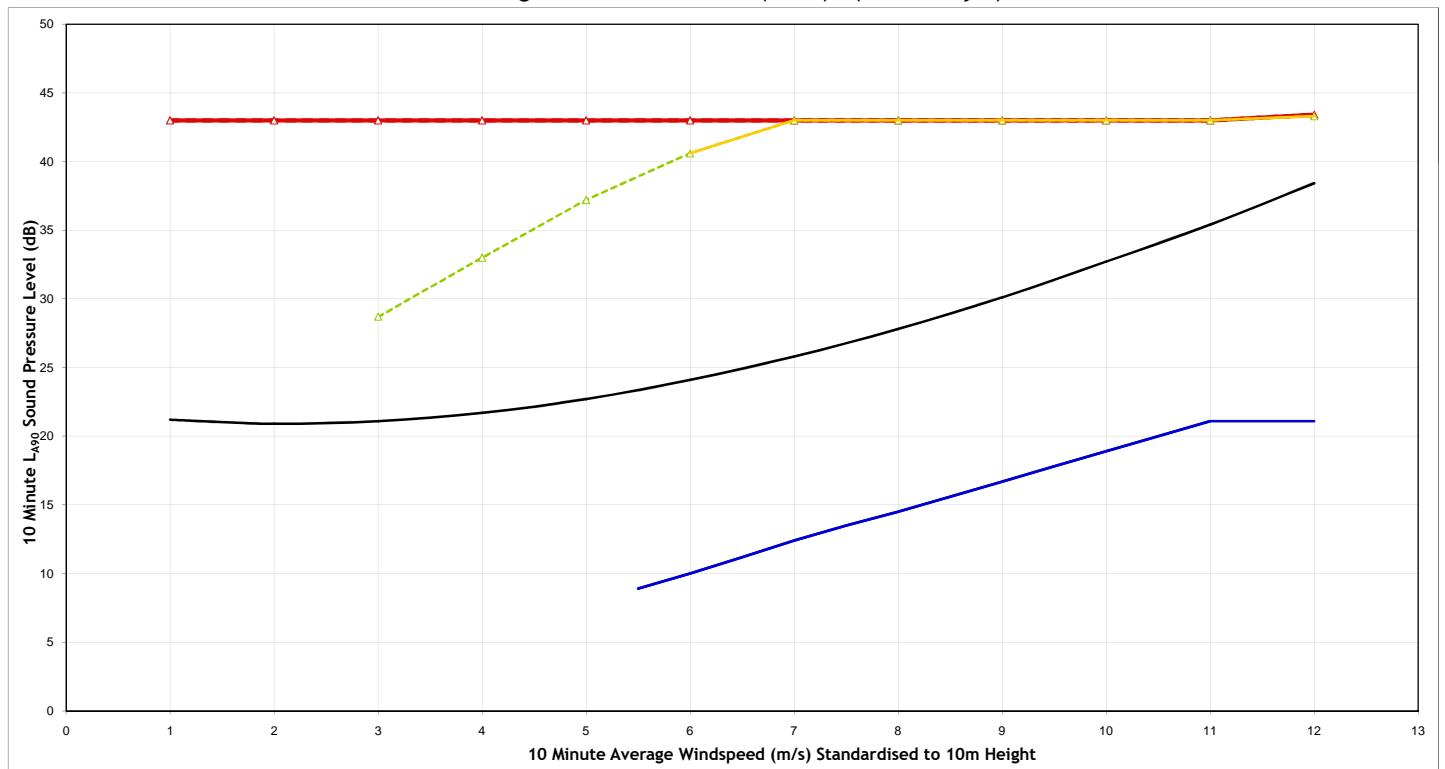
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Tararet (NAL2) |
| Figure Number | A1.4b |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Grunnafirth(NAL3) - (Area: Dury 3)



Night Time - Grunnafirth(NAL3) - (Area: Dury 3)



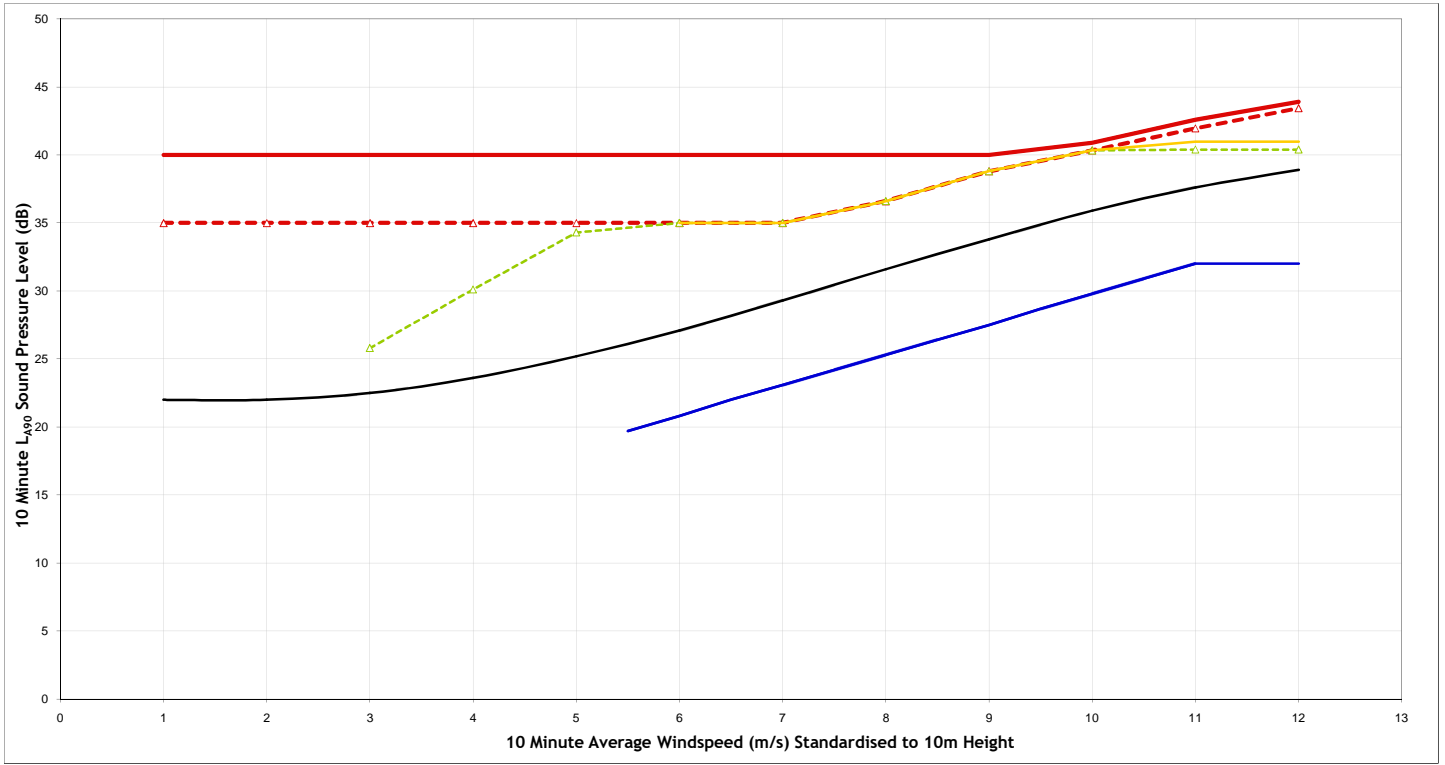
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

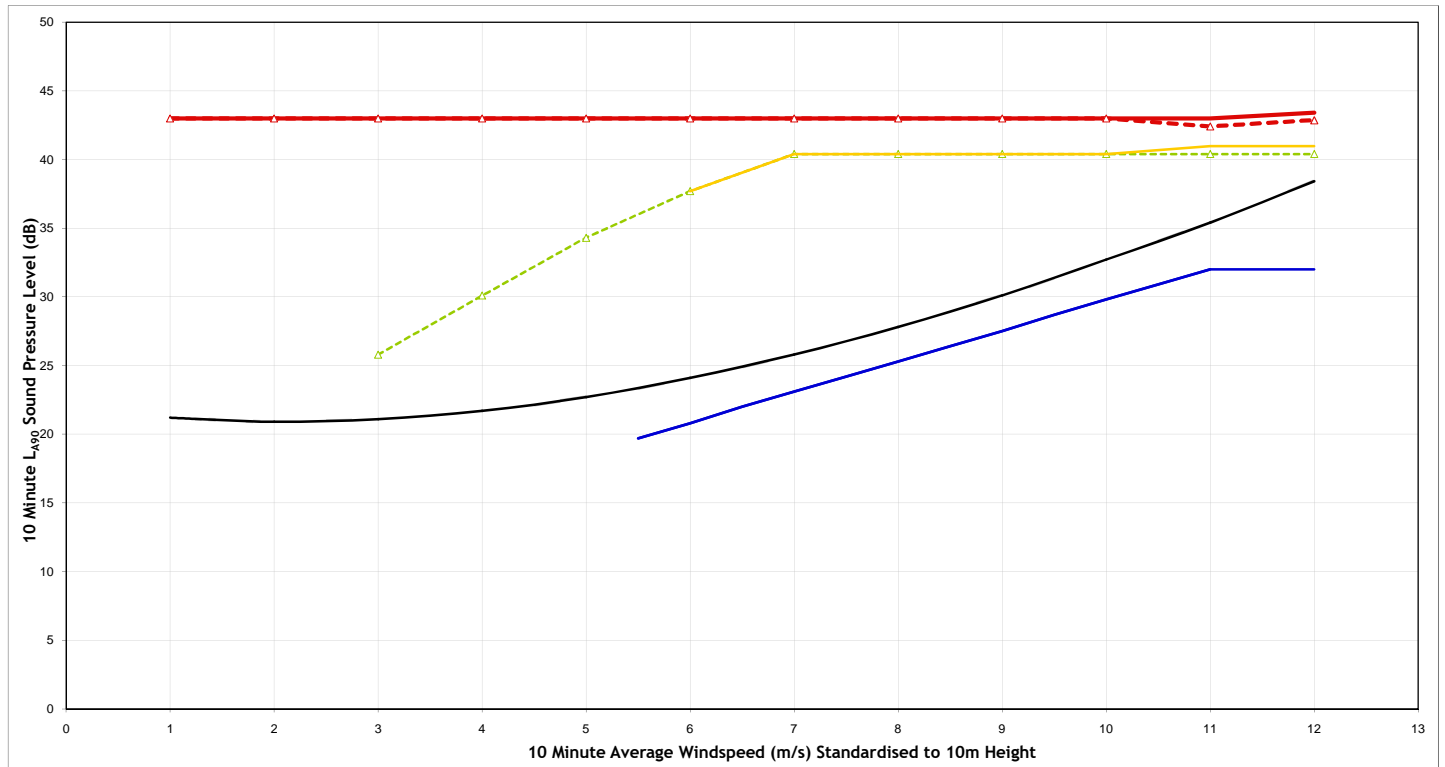
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|--------------------|--|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Grunnafirth (NAL3) |
| Figure Number | A1.4c |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - New House at Dury(NAL4) - (Area: Dury 6)



Night Time - New House at Dury(NAL4) - (Area: Dury 6)



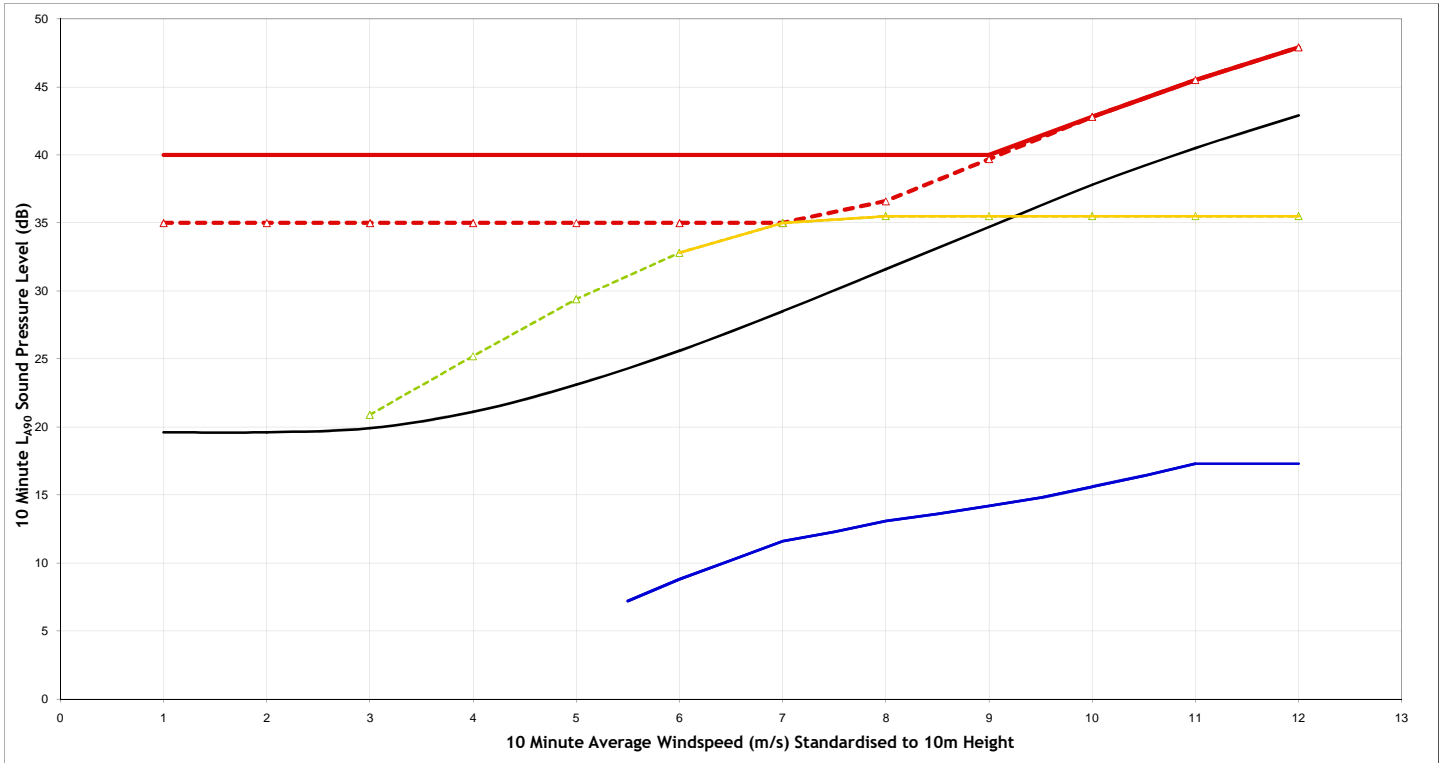
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

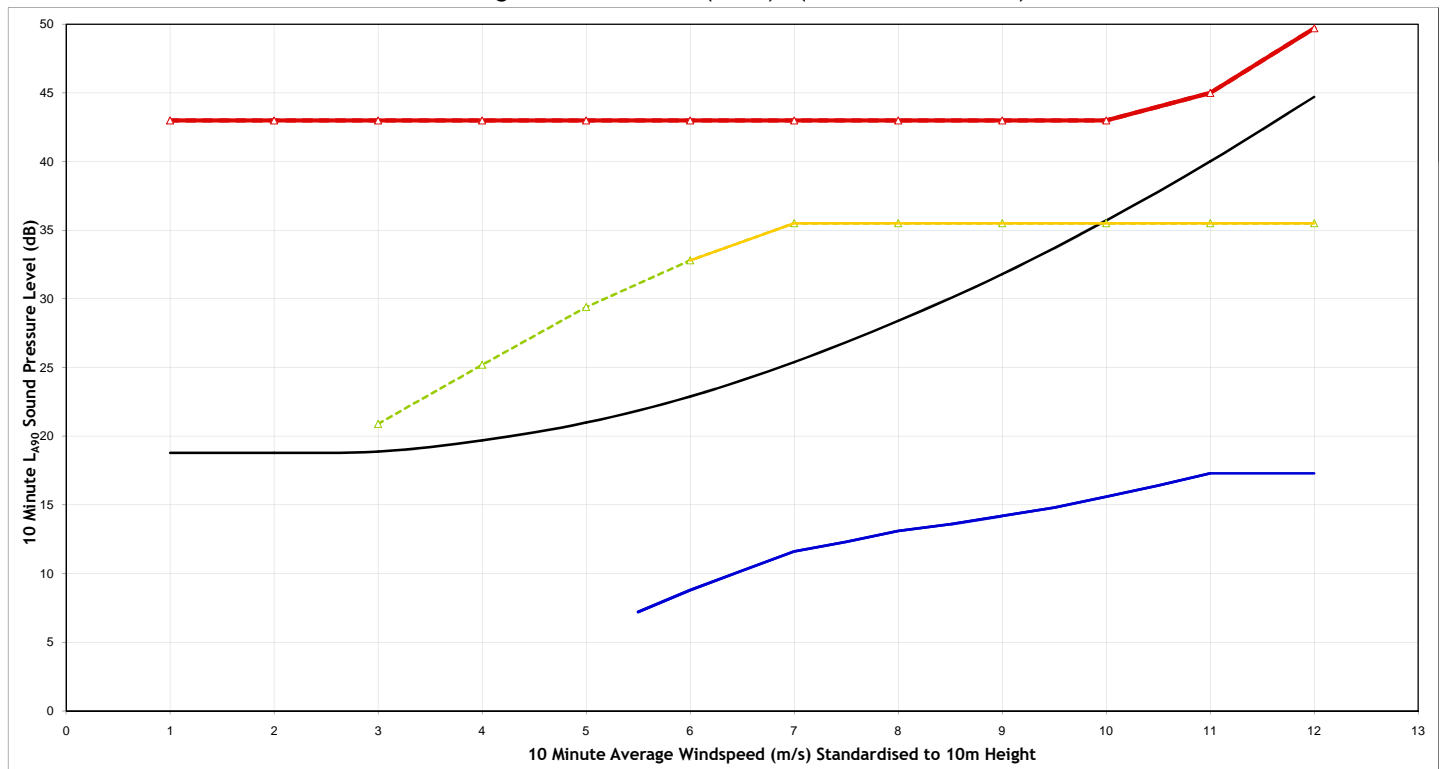
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | New House at Dury (NAL4) |
| Figure Number | A1.4d |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Hamelea(NAL5) - (Area: Brettabister 1)



Night Time - Hamelea(NAL5) - (Area: Brettabister 1)



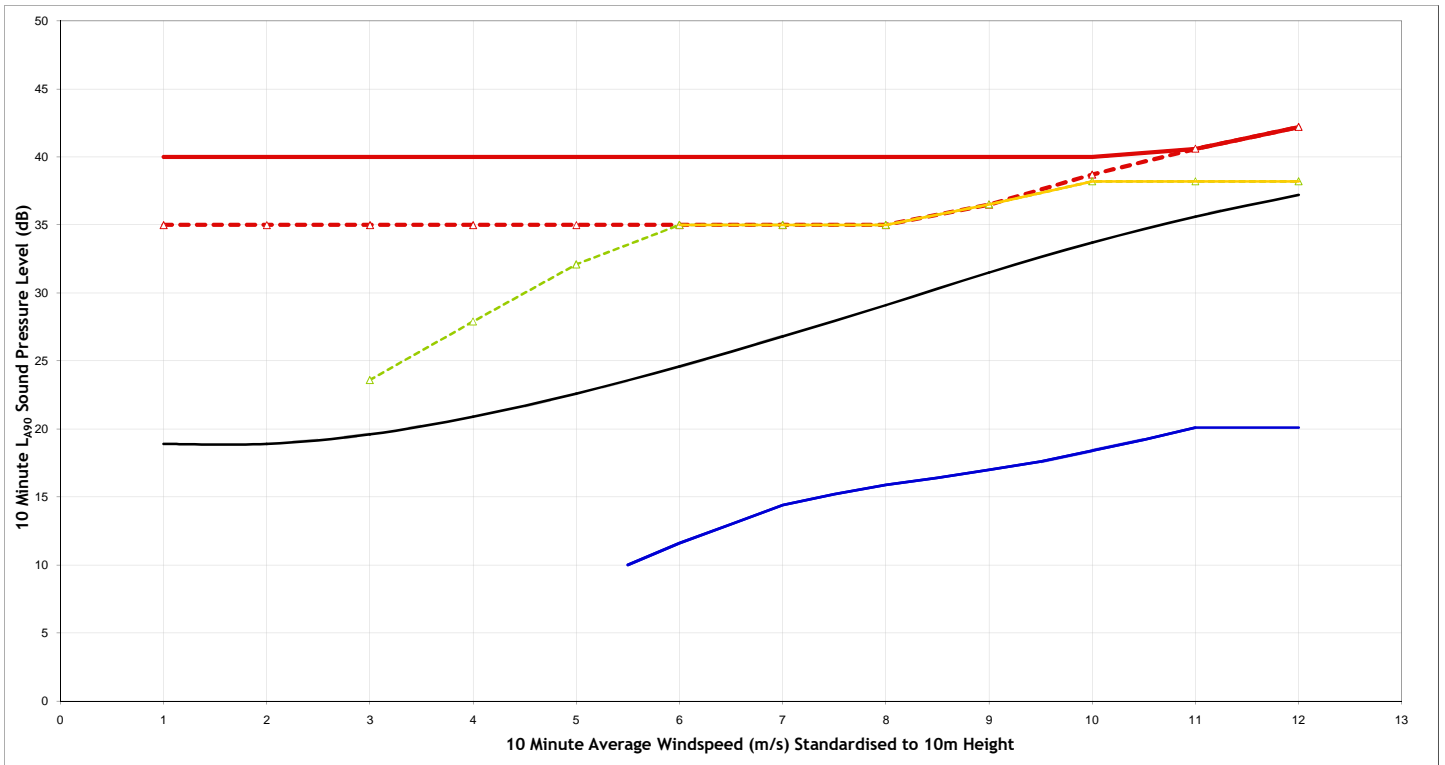
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

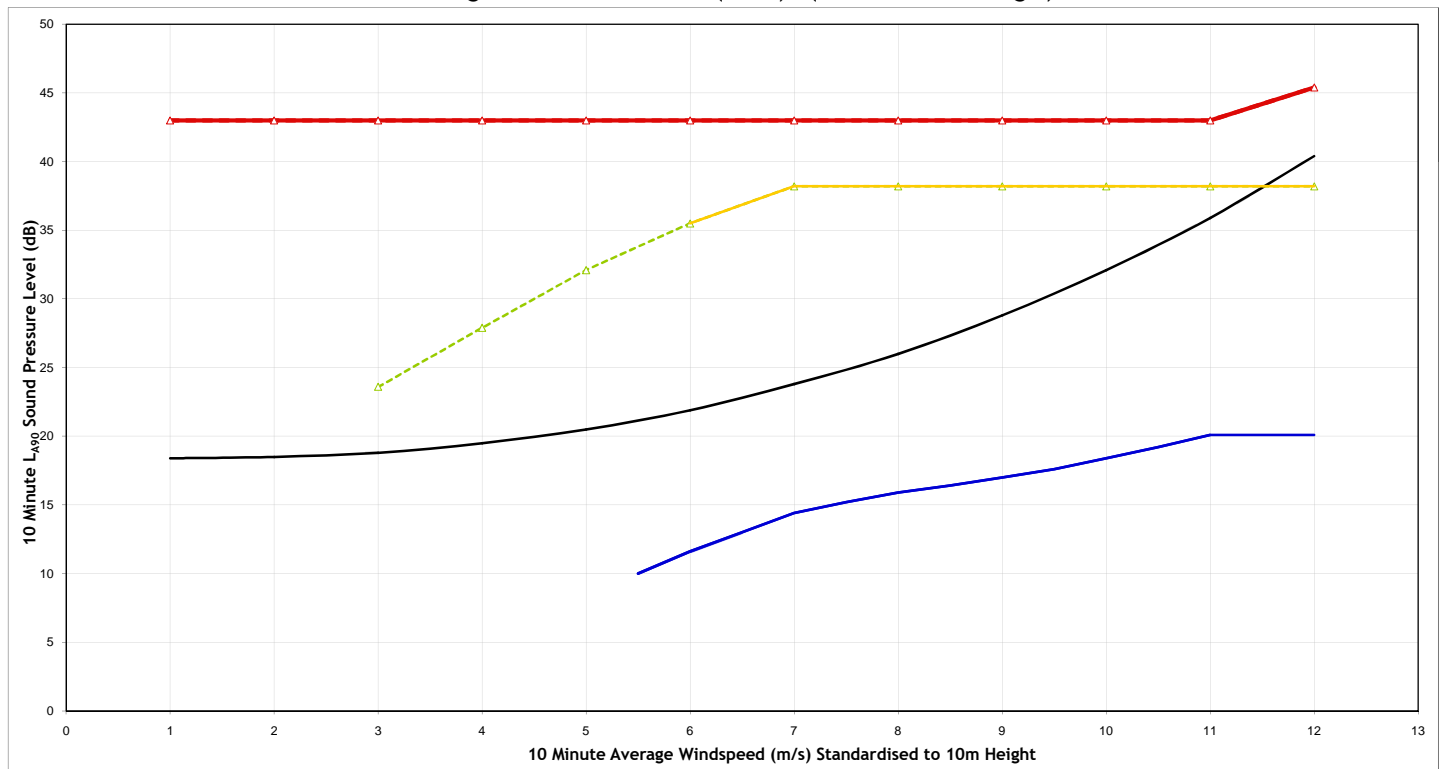
| | |
|---------------------------|------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Hamelea (NAL5) |
| Figure Number | A1.4e |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Whinnia Lee(NAL6) - (Area: South Newing 5)



Night Time - Whinnia Lee(NAL6) - (Area: South Newing 5)



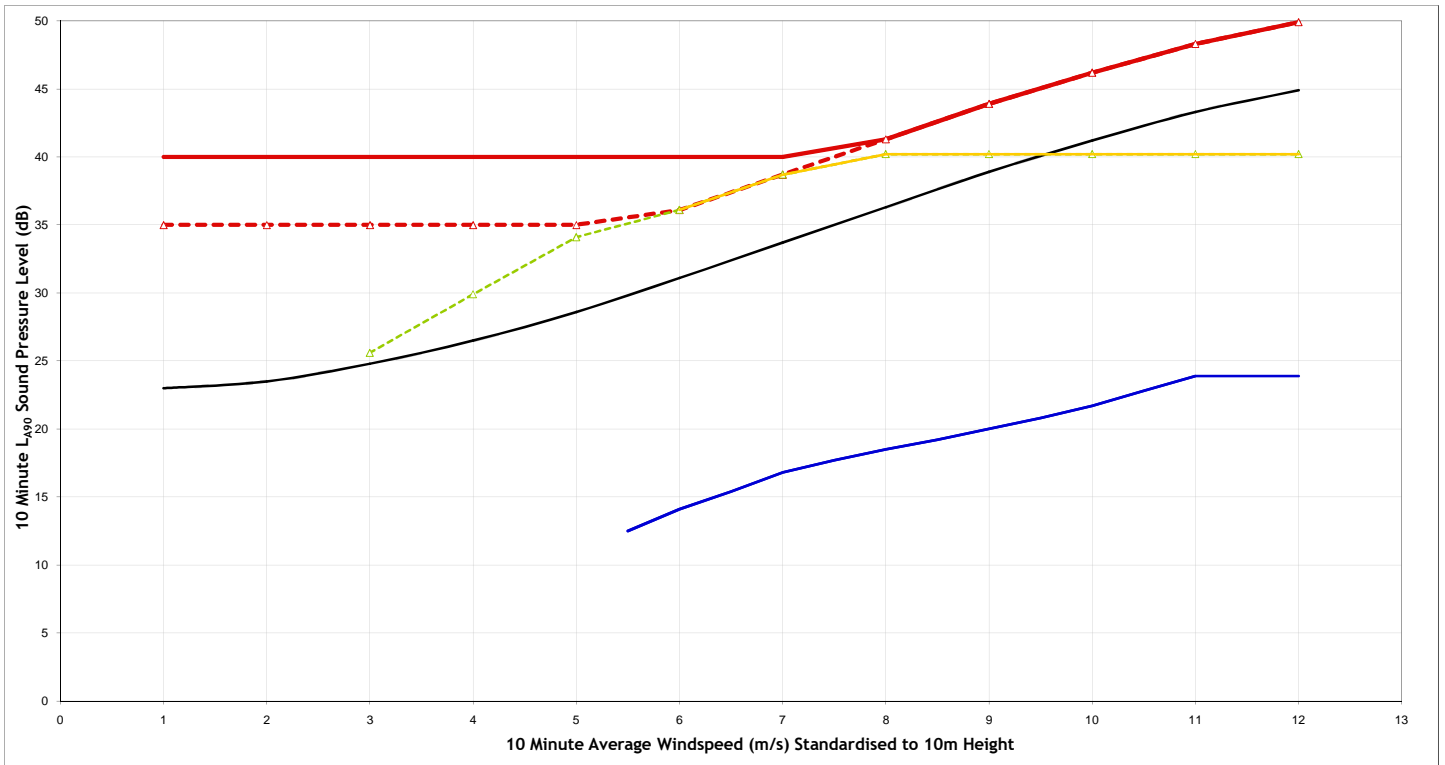
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

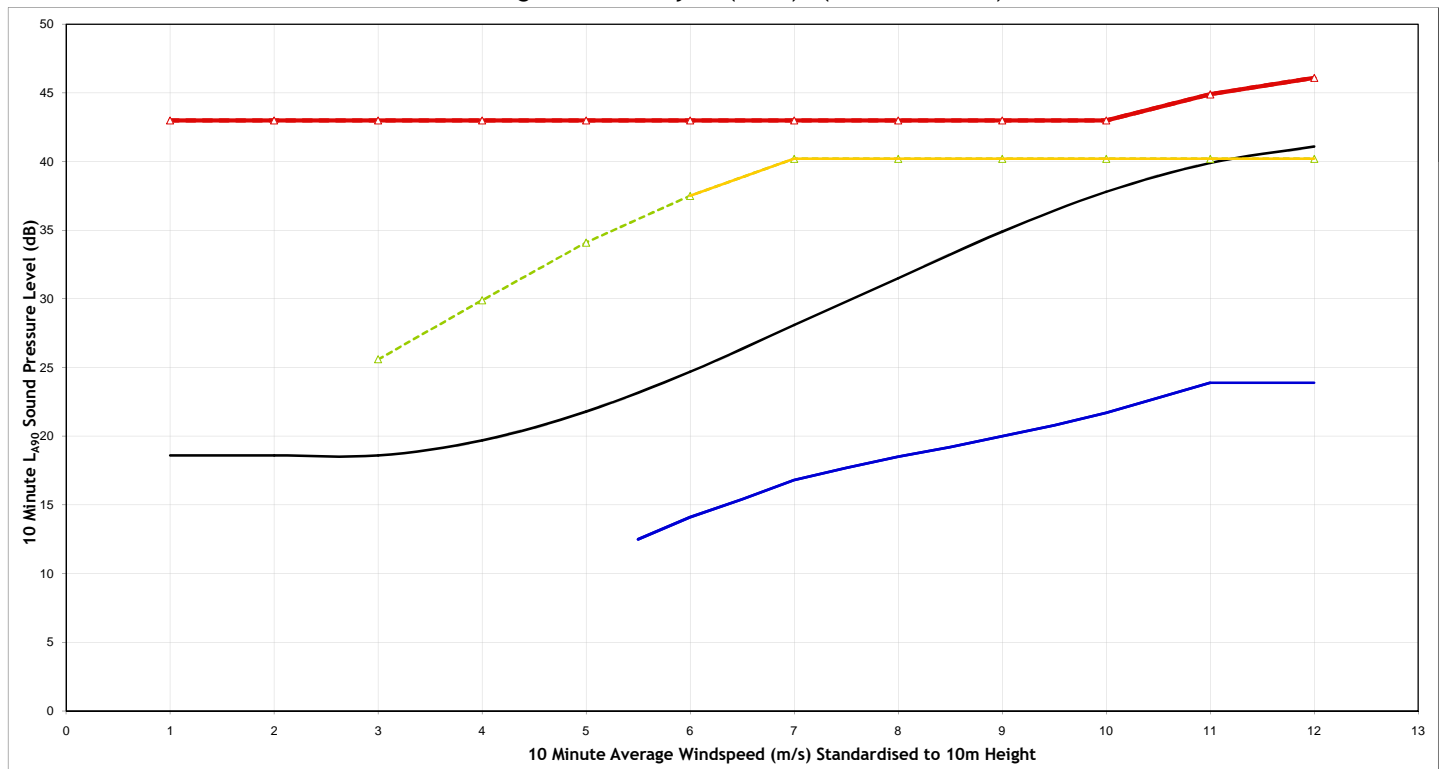
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Whinnia Lee (NAL6) |
| Figure Number | A1.4f |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Hollydell(NAL7) - (Area: Catfirth 9)



Night Time - Hollydell(NAL7) - (Area: Catfirth 9)



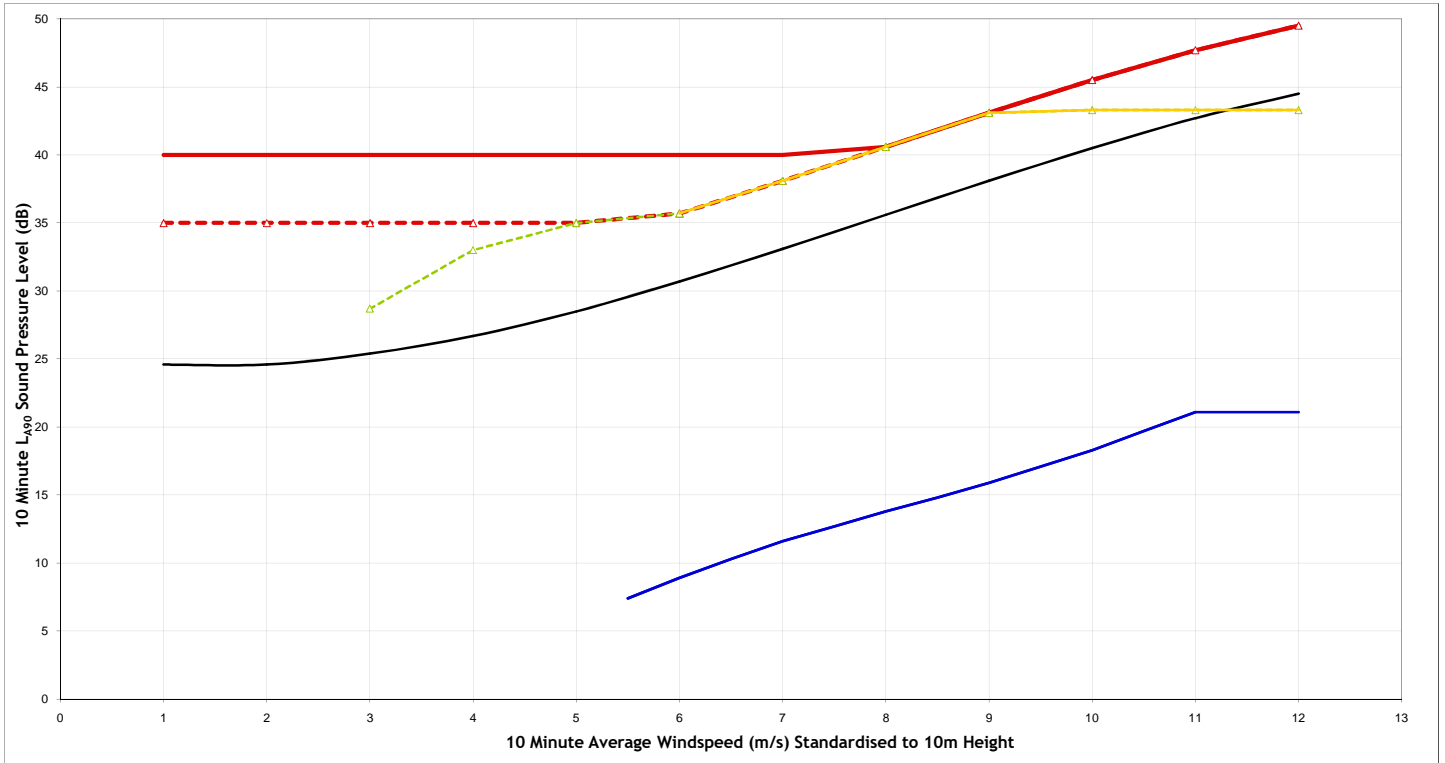
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

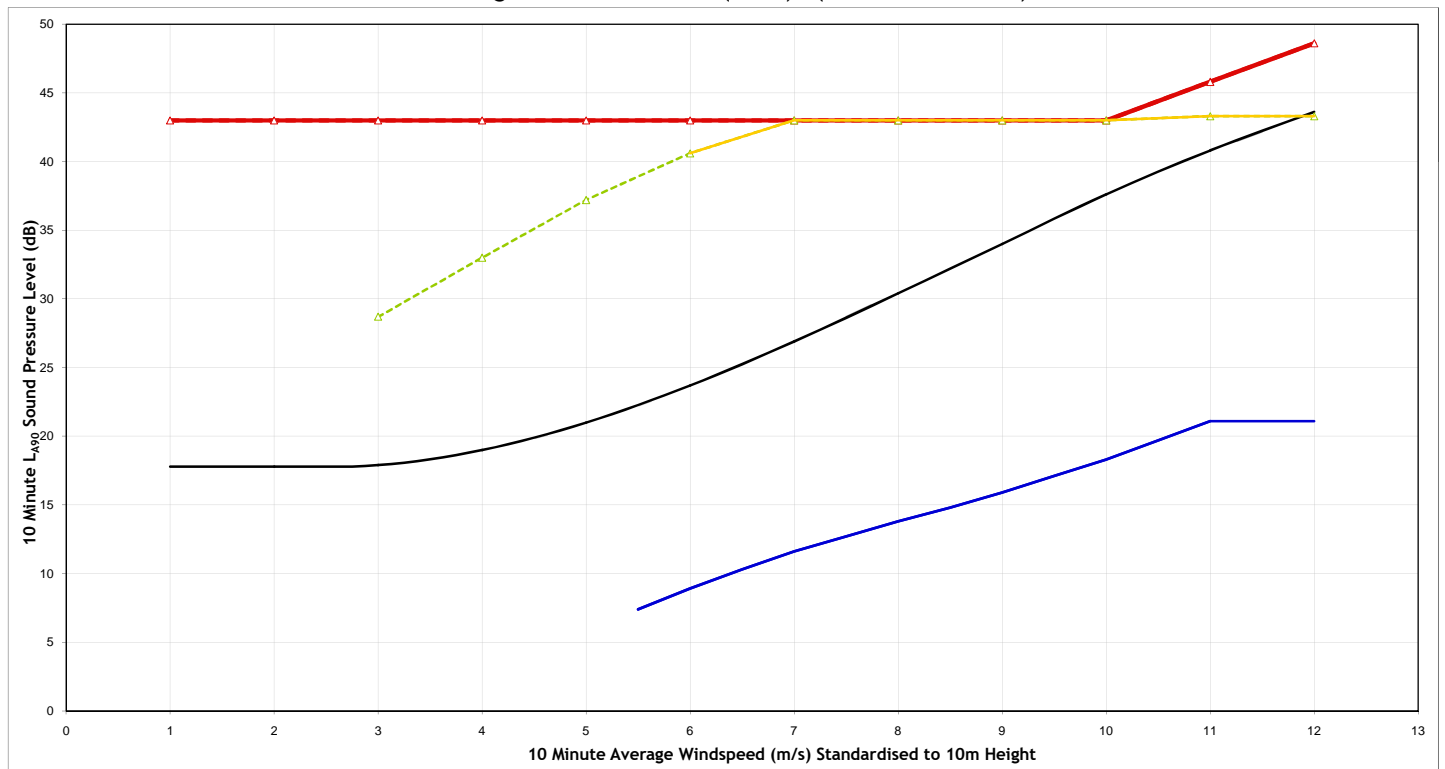
| | |
|--------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Hollydell (NAL7) |
| Figure Number | A1.4g |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Sandwater(NAL8) - (Area: Sandwater 1)



Night Time - Sandwater(NAL8) - (Area: Sandwater 1)



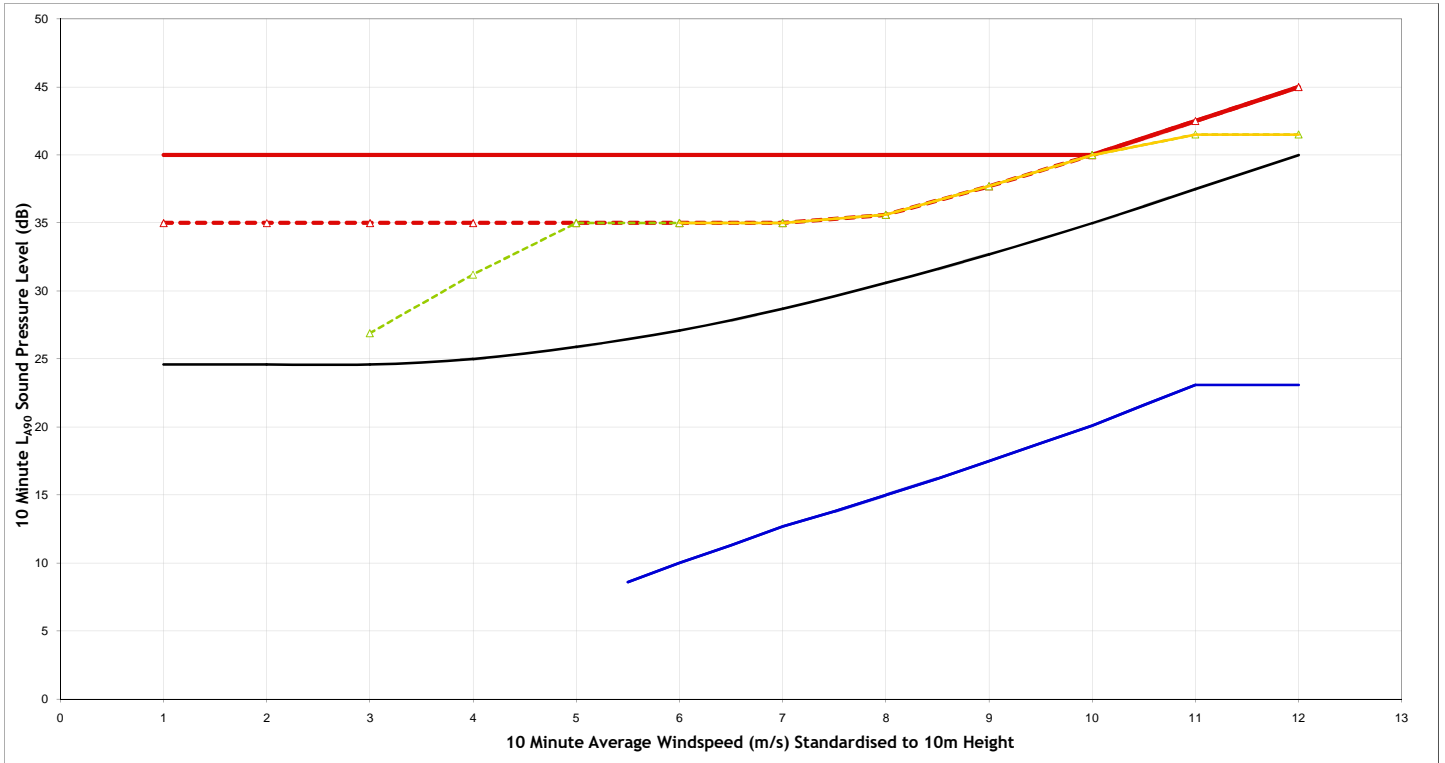
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

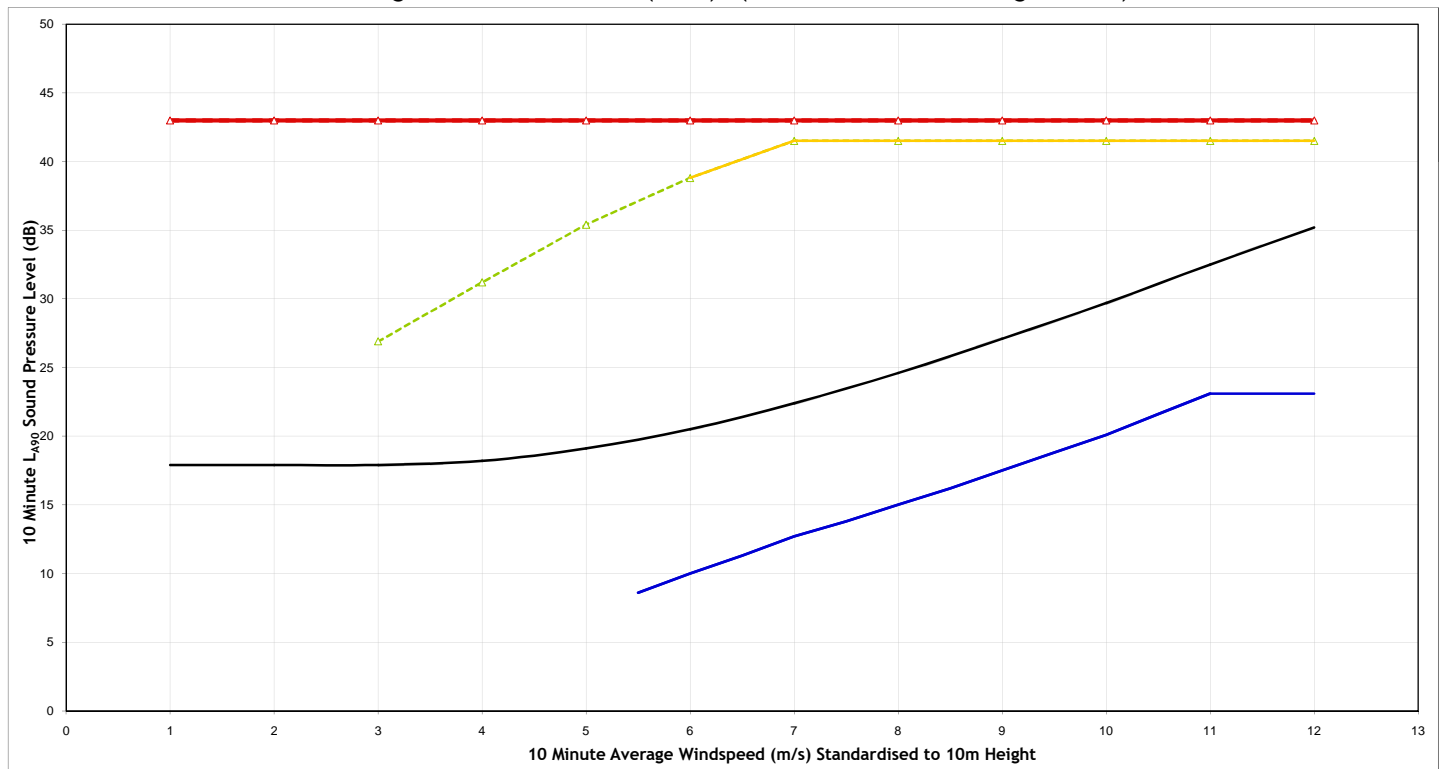
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Sandwater (NAL8) |
| Figure Number | A1.4h |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Setter House(NAL9) - (Area: Setter Weisdale Heglibister 1)



Night Time - Setter House(NAL9) - (Area: Setter Weisdale Heglibister 1)



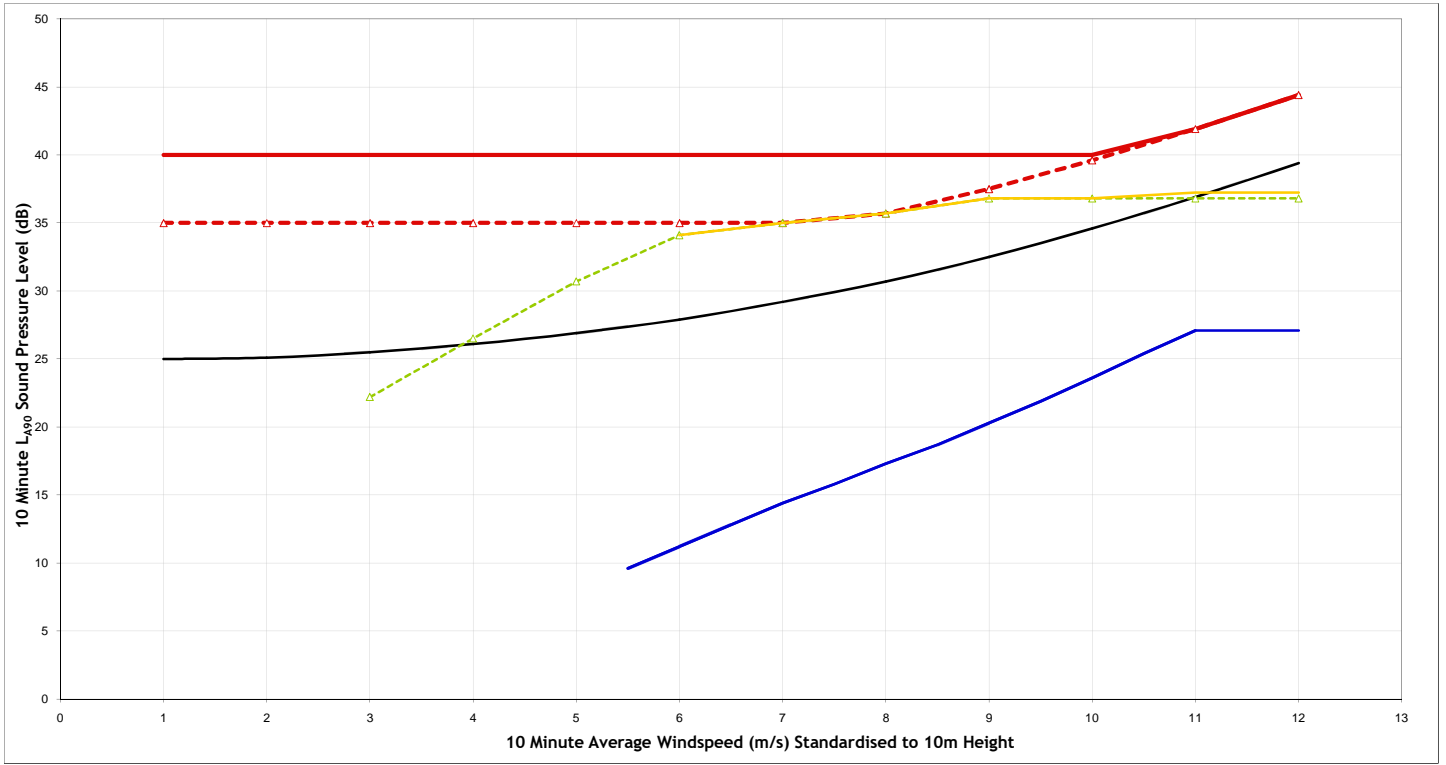
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

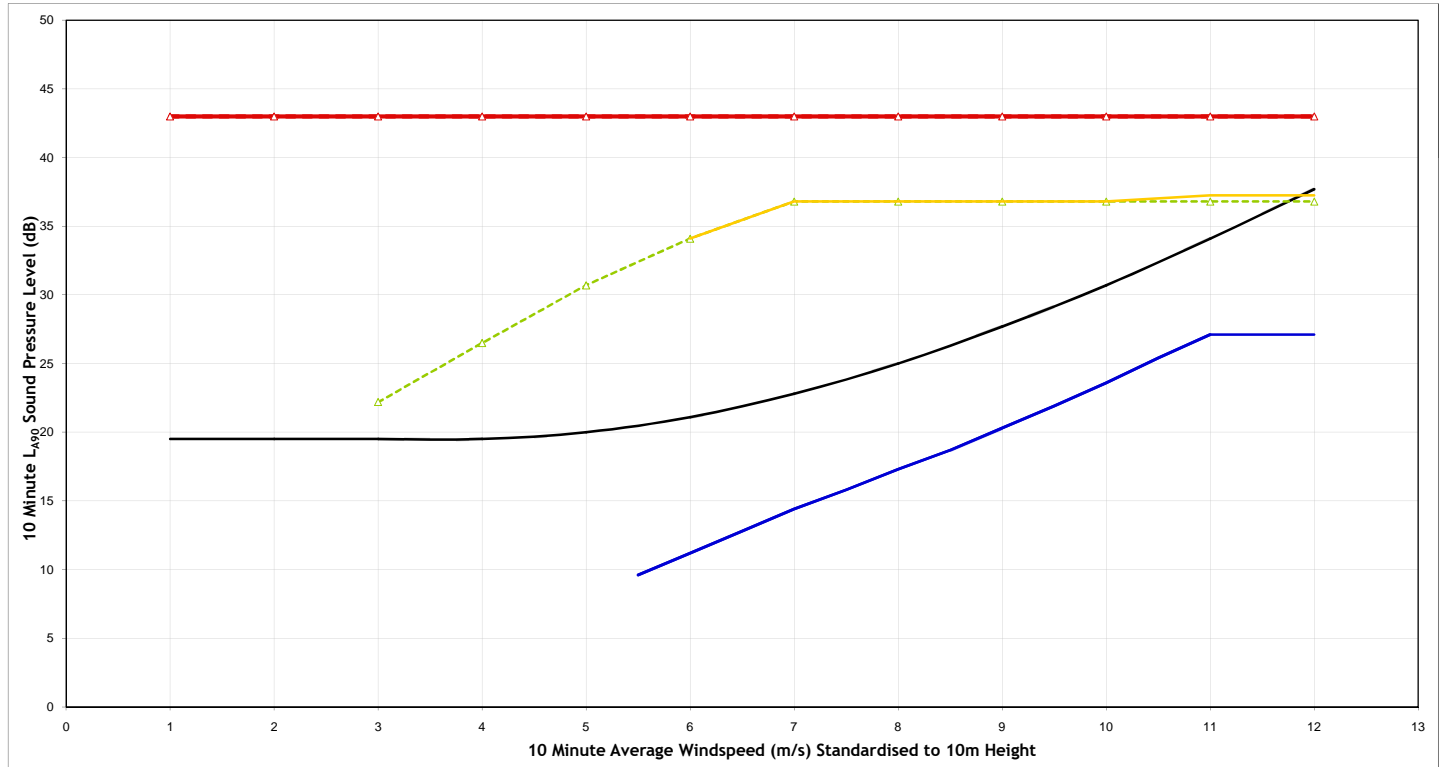
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|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Setter House (NAL9) |
| Figure Number | A1.4i |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Millhouse(NAL10) - (Area: Setter Weisdale Heglibister 23)



Night Time - Millhouse(NAL10) - (Area: Setter Weisdale Heglibister 23)



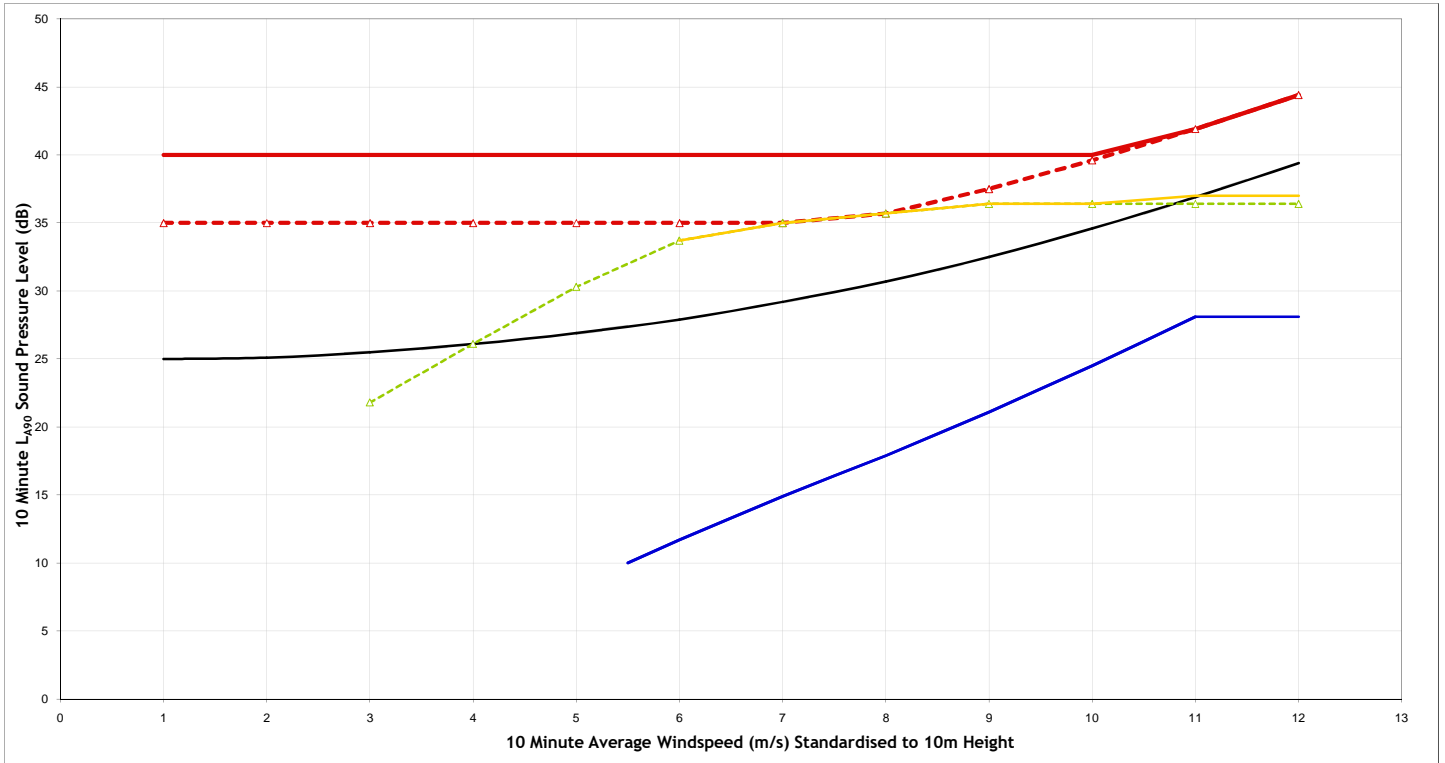
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

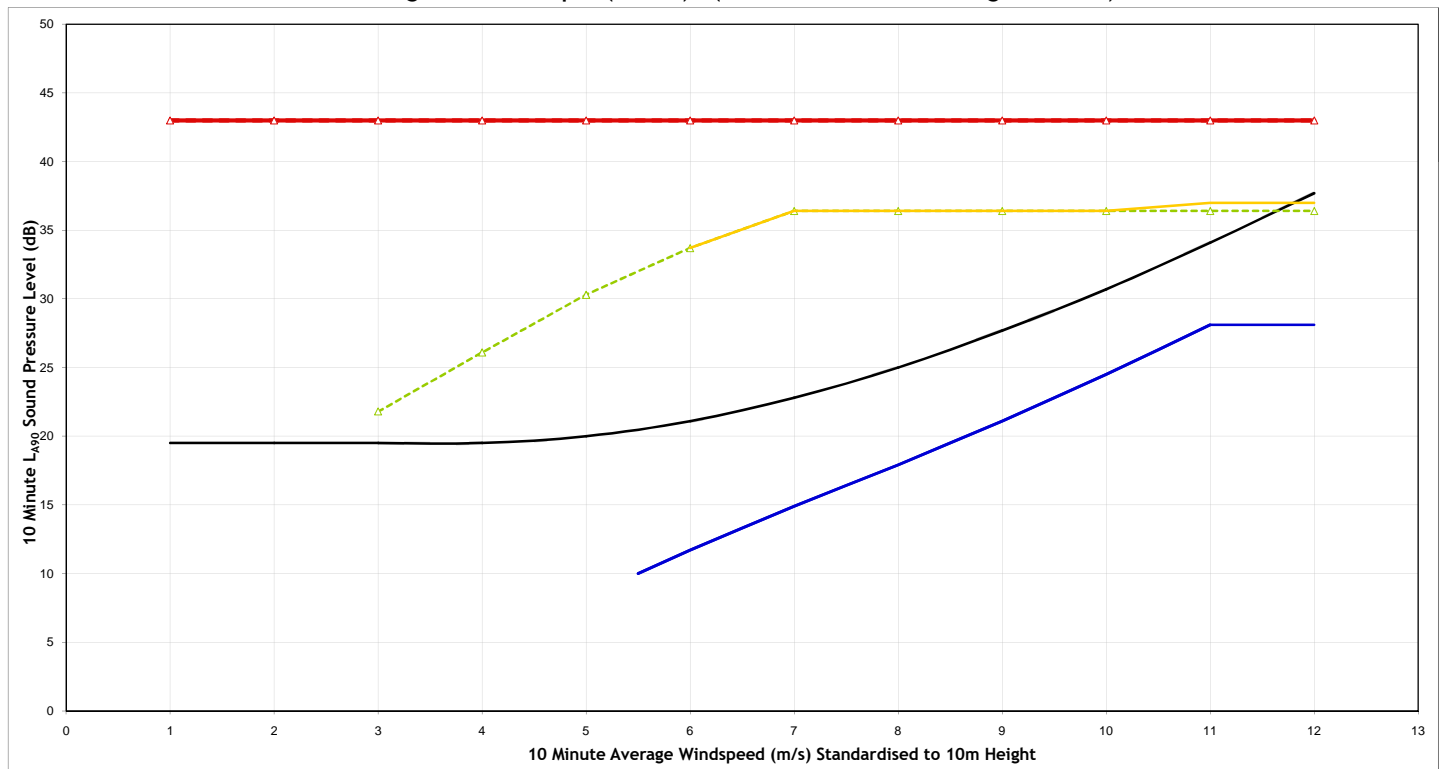
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Millhouse (NAL10) |
| Figure Number | A1.4j |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Koopins(NAL11) - (Area: Setter Weisdale Heglibister 38)



Night Time - Koopins(NAL11) - (Area: Setter Weisdale Heglibister 38)



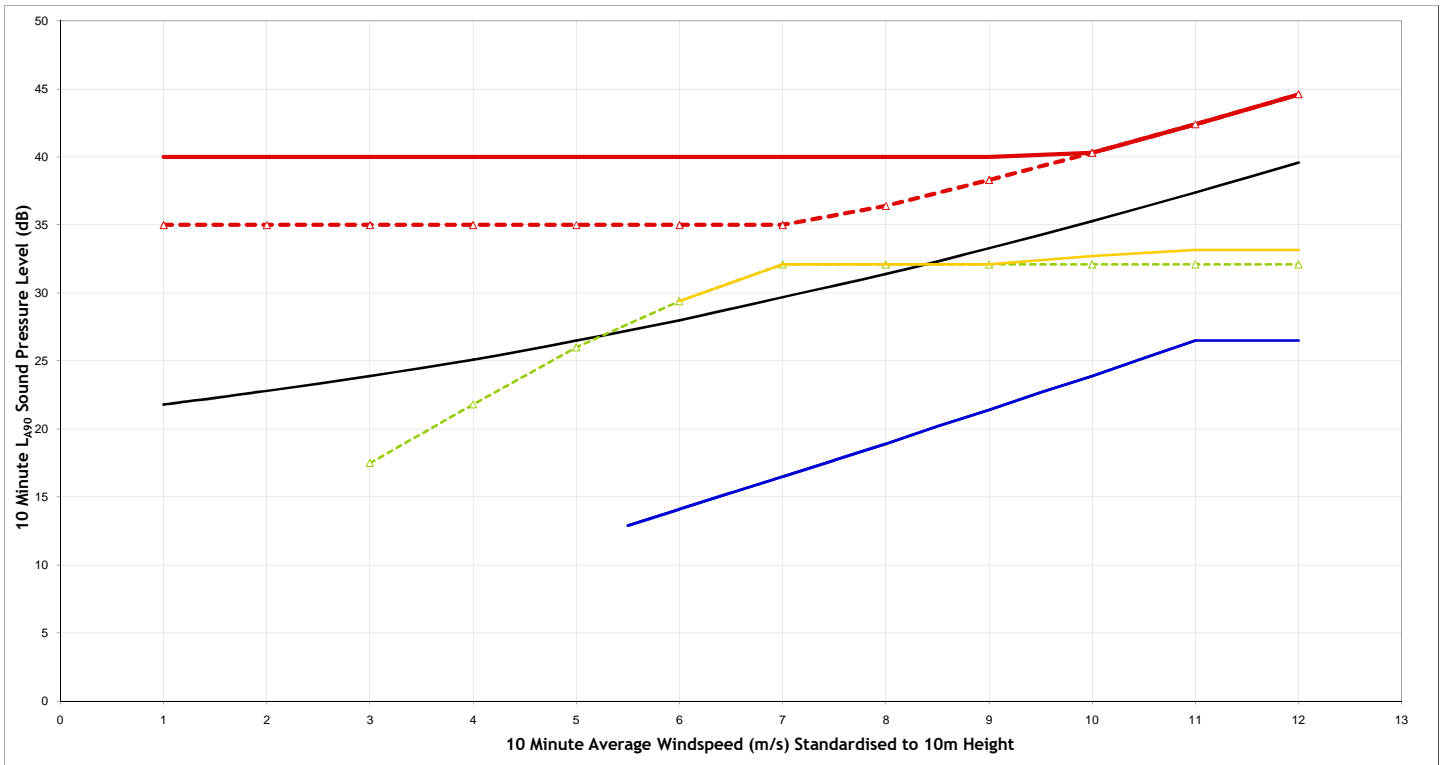
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

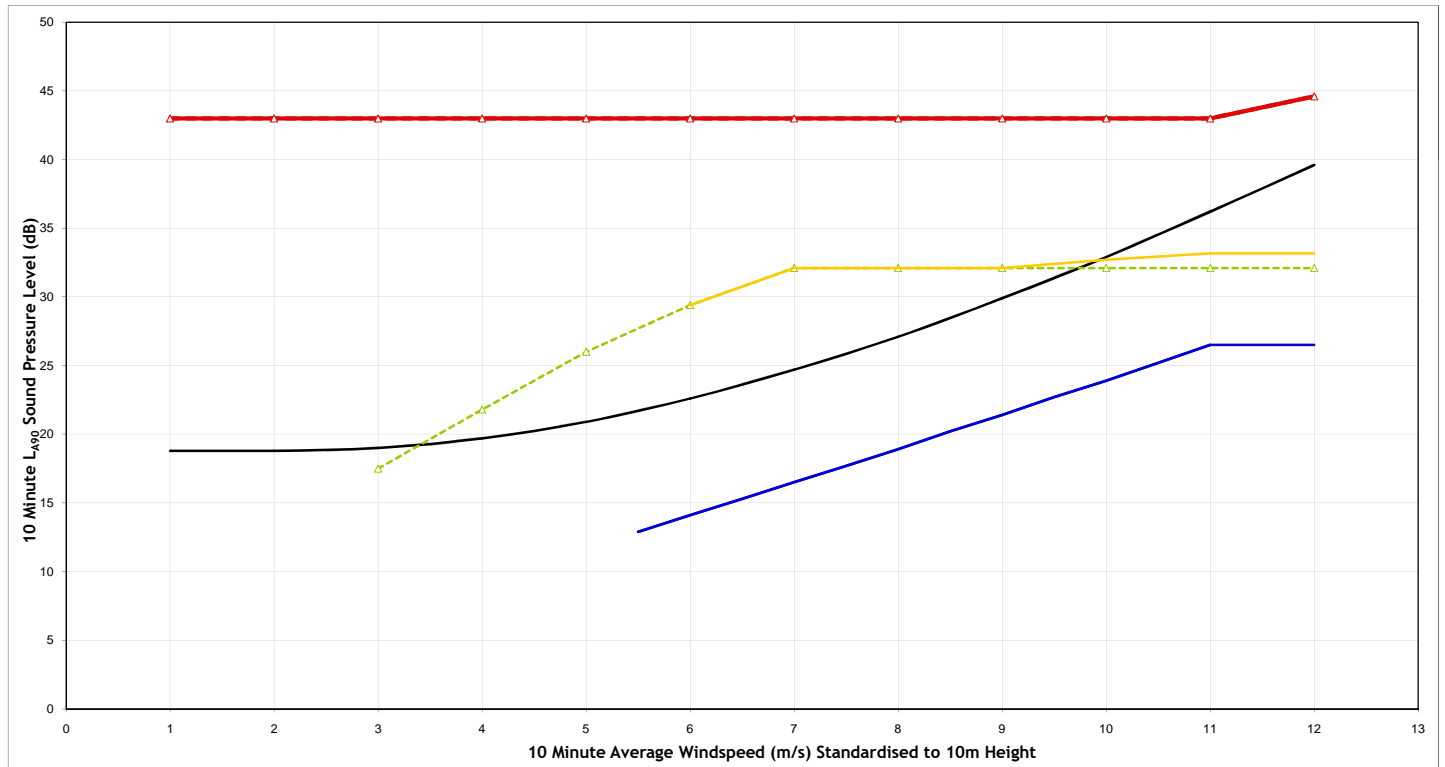
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Koopins (NAL11) |
| Figure Number | A1.4k |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Dykeside(NAL12) - (Area: Tresta 3)



Night Time - Dykeside(NAL12) - (Area: Tresta 3)



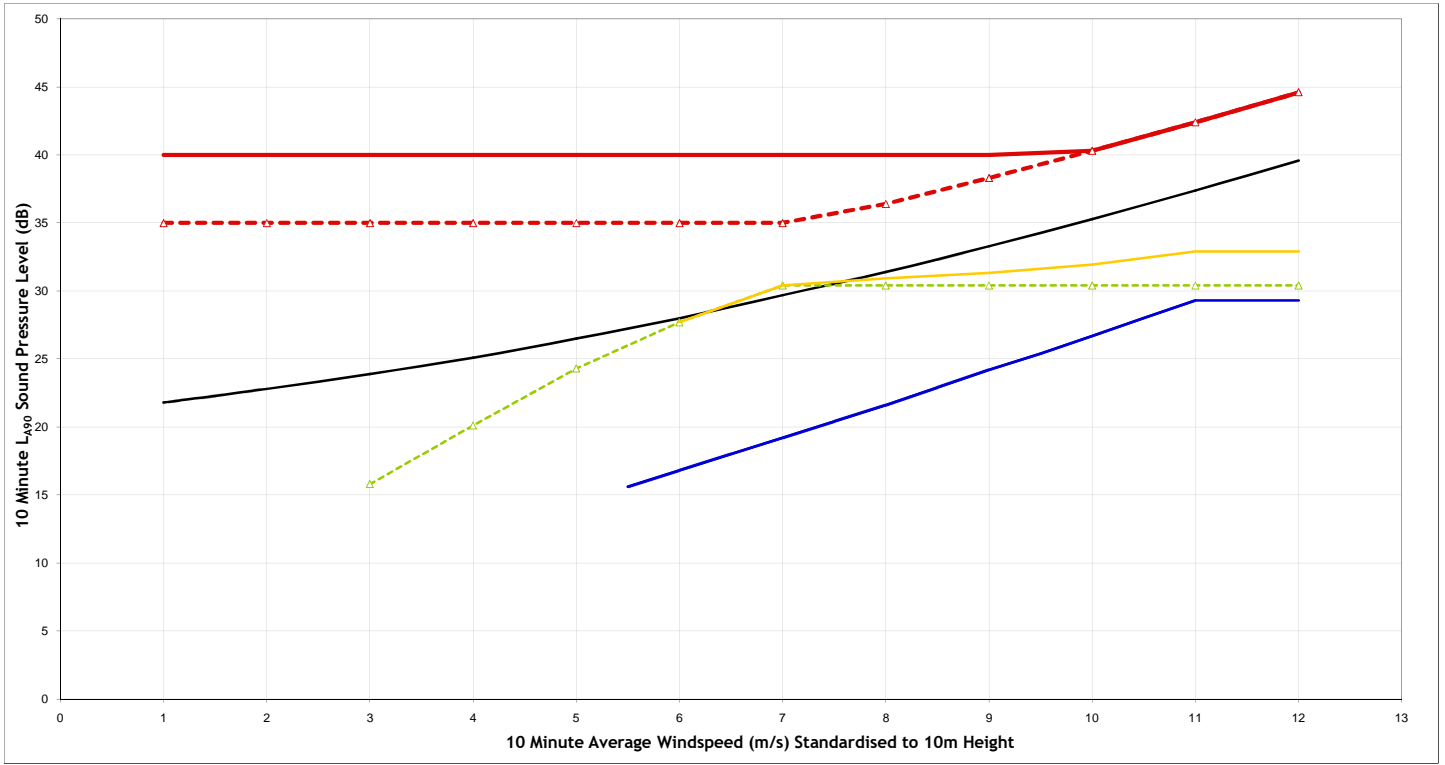
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

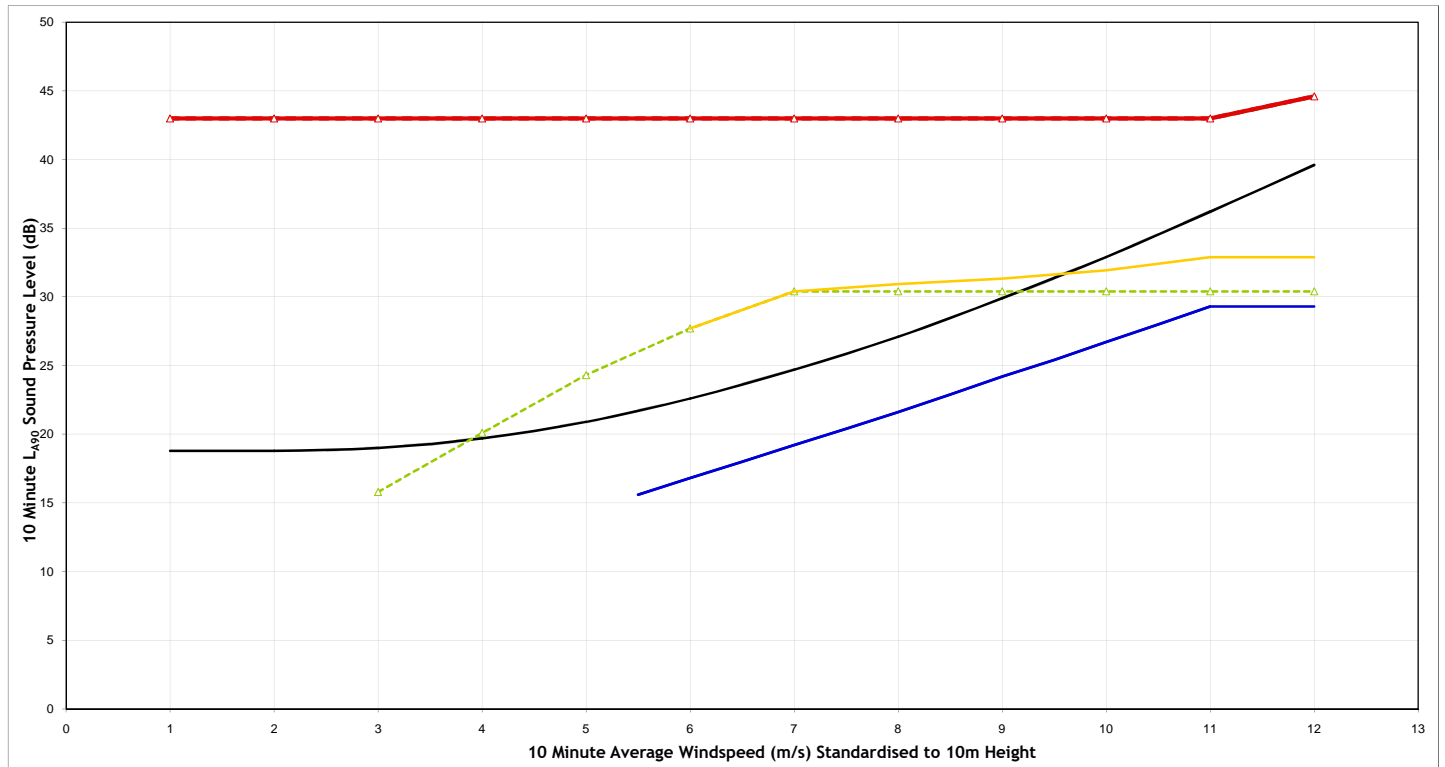
| | |
|--------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Dykeside (NAL12) |
| Figure Number | A1.4L |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Breckenlea(NAL13) - (Area: Tresta 17)



Night Time - Breckenlea(NAL13) - (Area: Tresta 17)



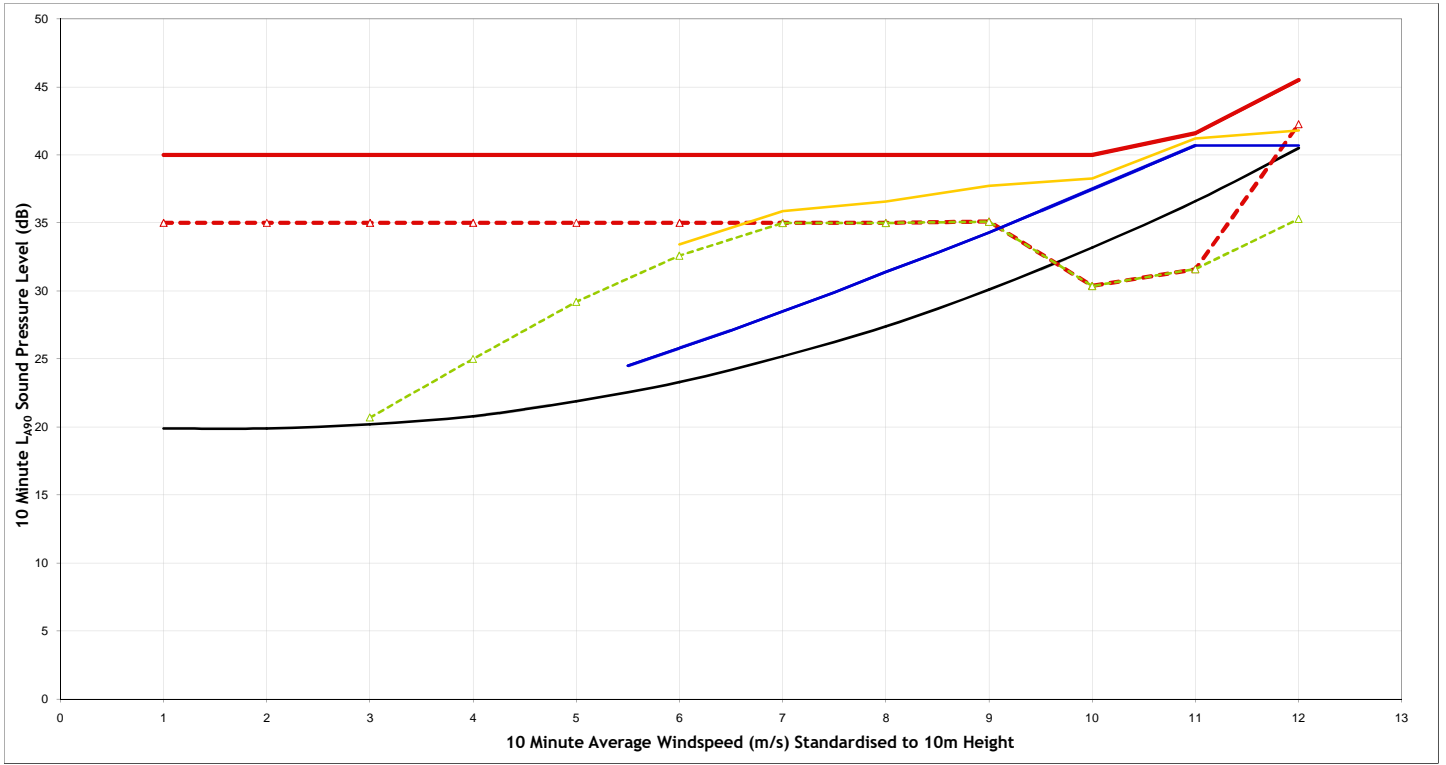
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

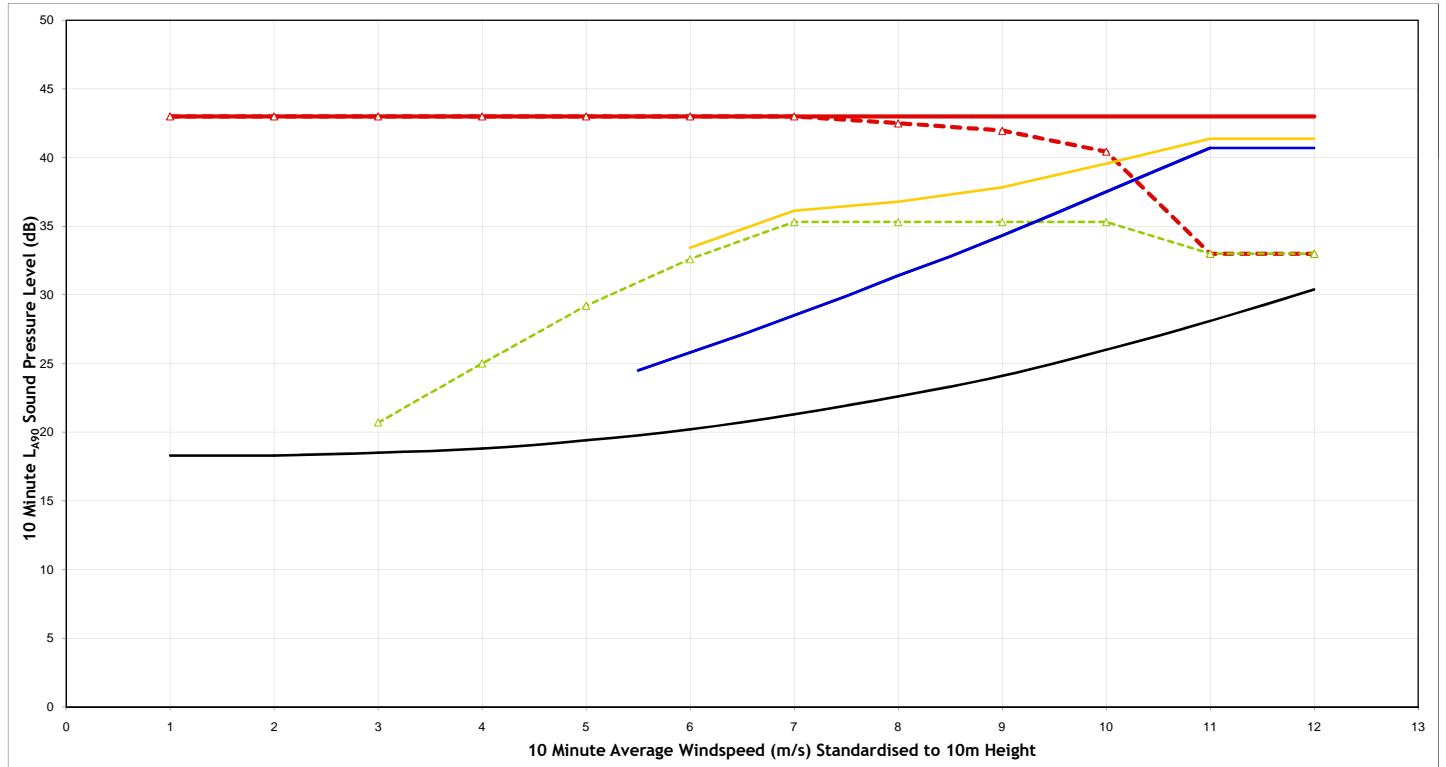
| | |
|--------------------|--|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Breckenlea (NAL13) |
| Figure Number | A1.4m |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Gruids(NAL14) - (Area: Houlland 7)



Night Time - Gruids(NAL14) - (Area: Houlland 7)



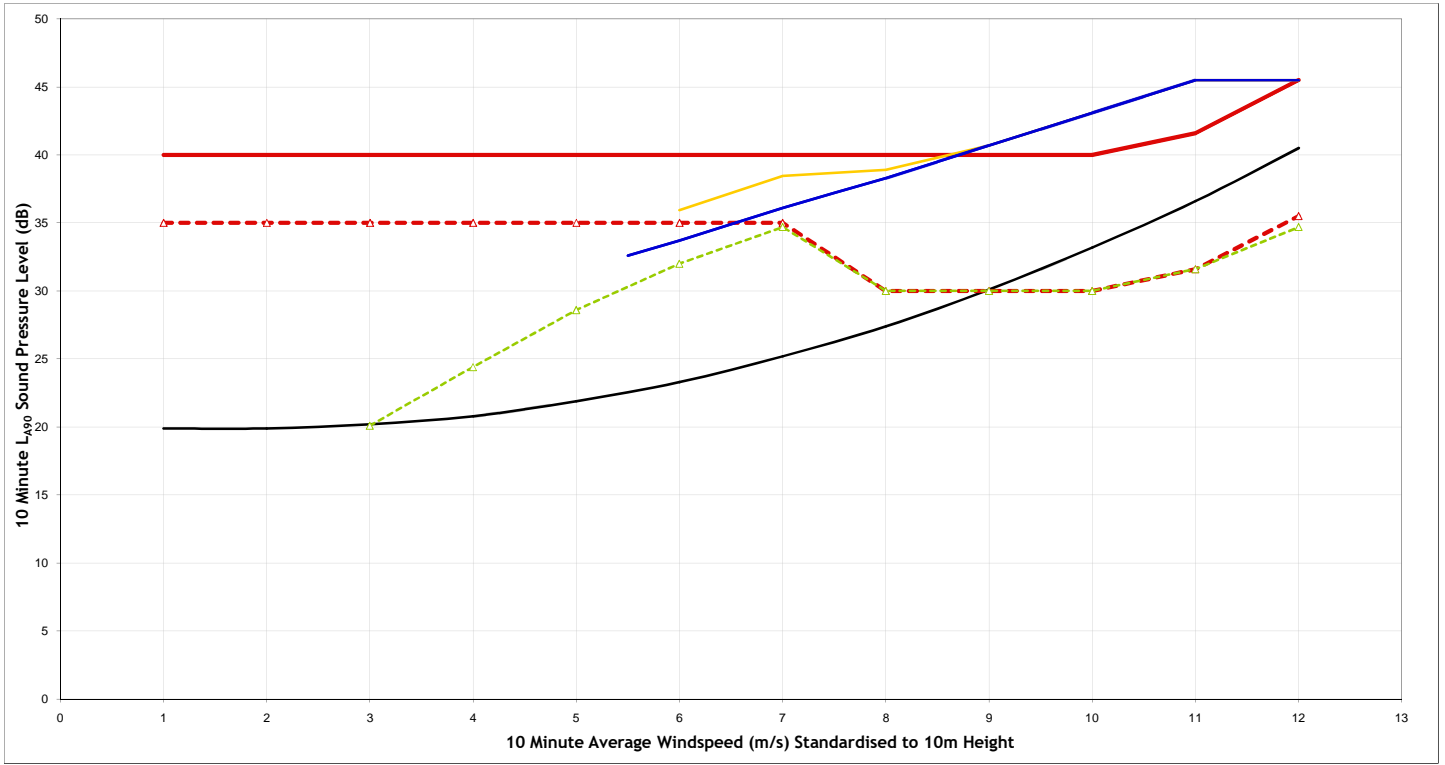
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

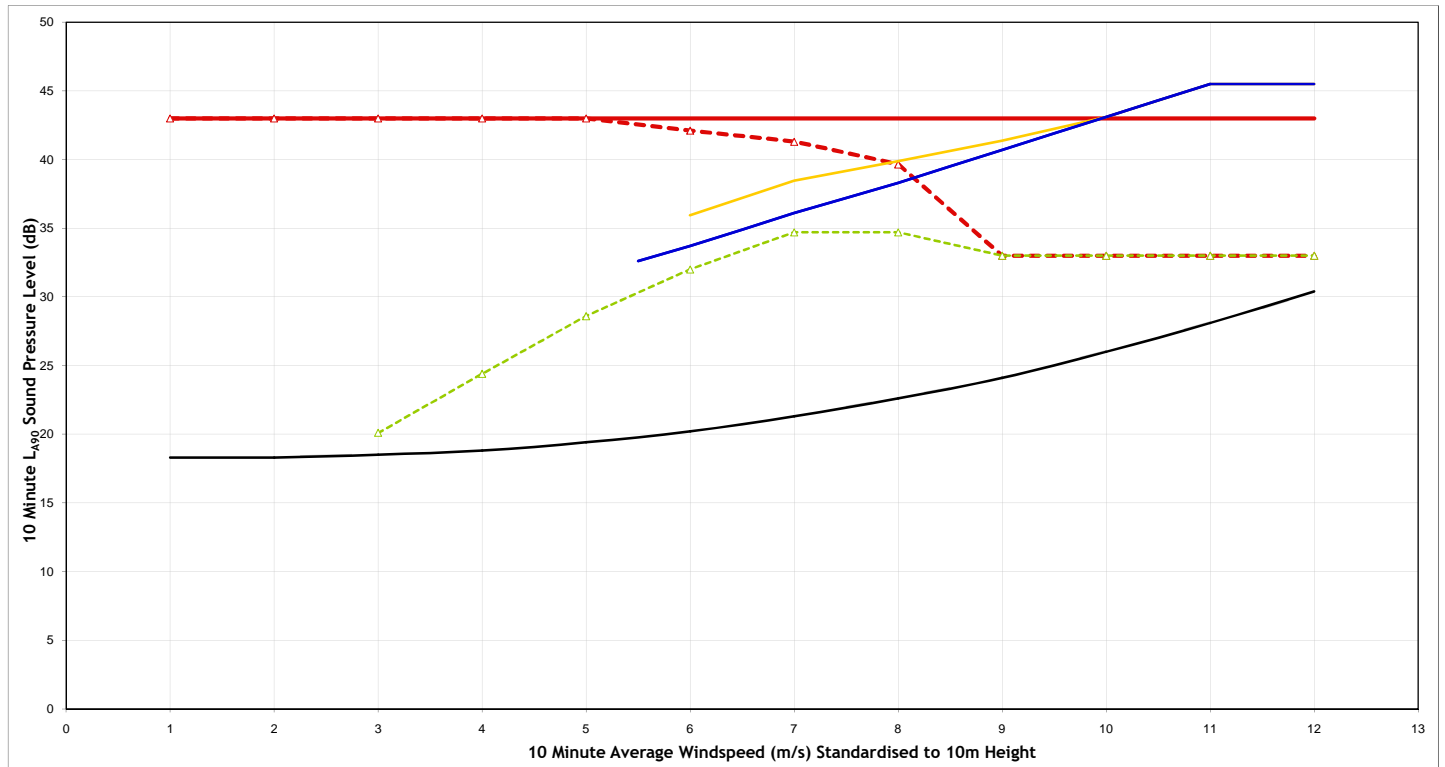
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Gruids (NAL14) |
| Figure Number | A1.4n |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Mid Town(NAL15) - (Area: Houlland 9)



Night Time - Mid Town(NAL15) - (Area: Houlland 9)



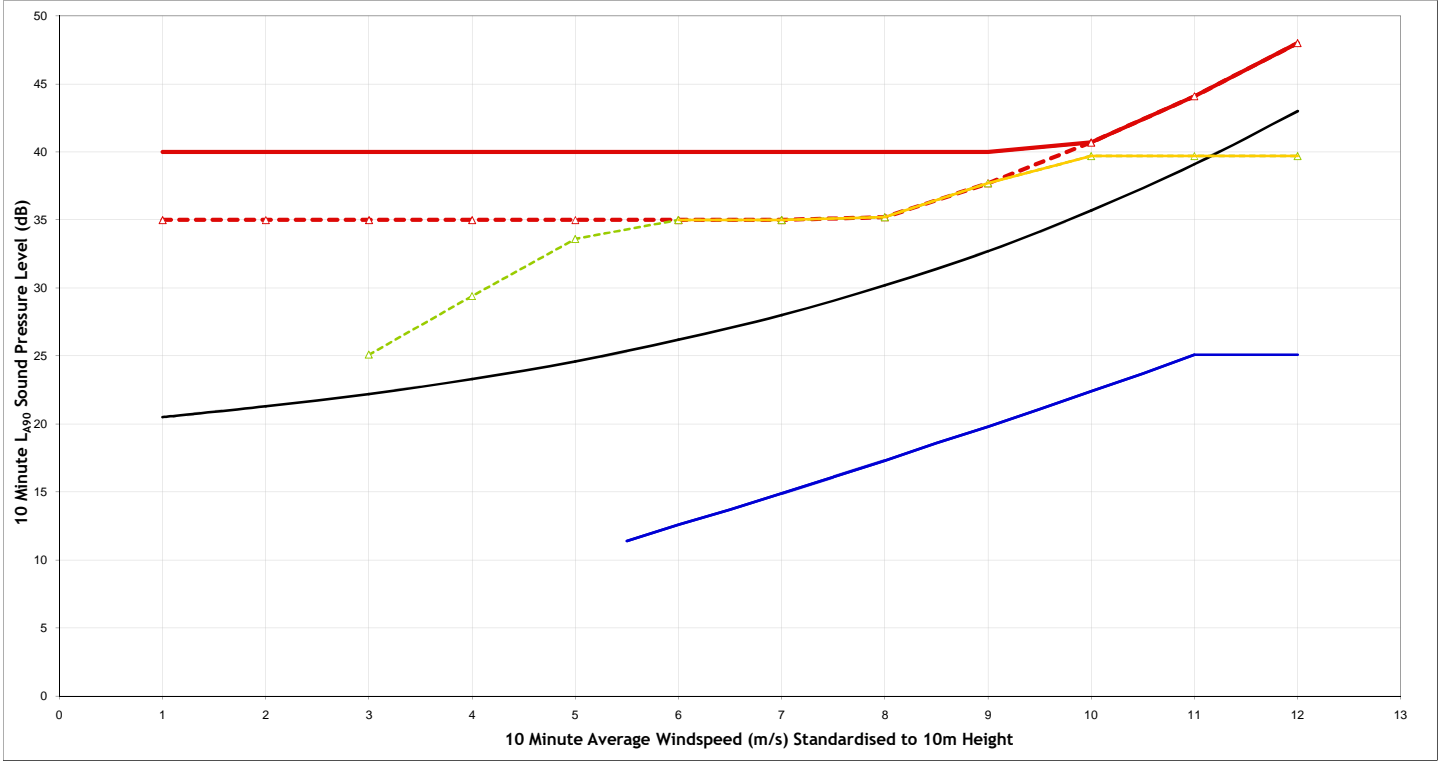
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

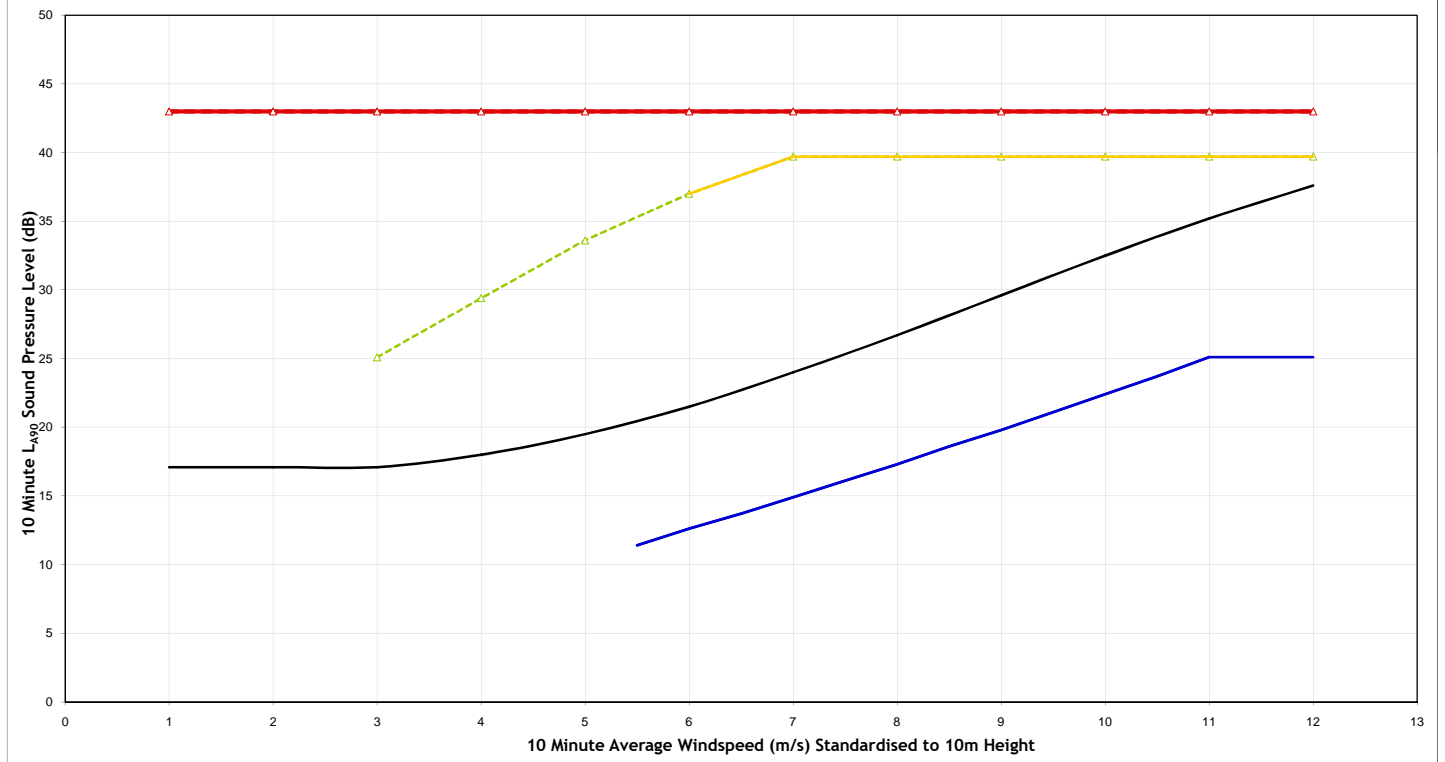
| | |
|---------------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Mid Town (NAL15) |
| Figure Number | A1.4o |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Valhalla(NAL16) - (Area: East Burrafirth & Aith 1)



Night Time - Valhalla(NAL16) - (Area: East Burrafirth & Aith 1)



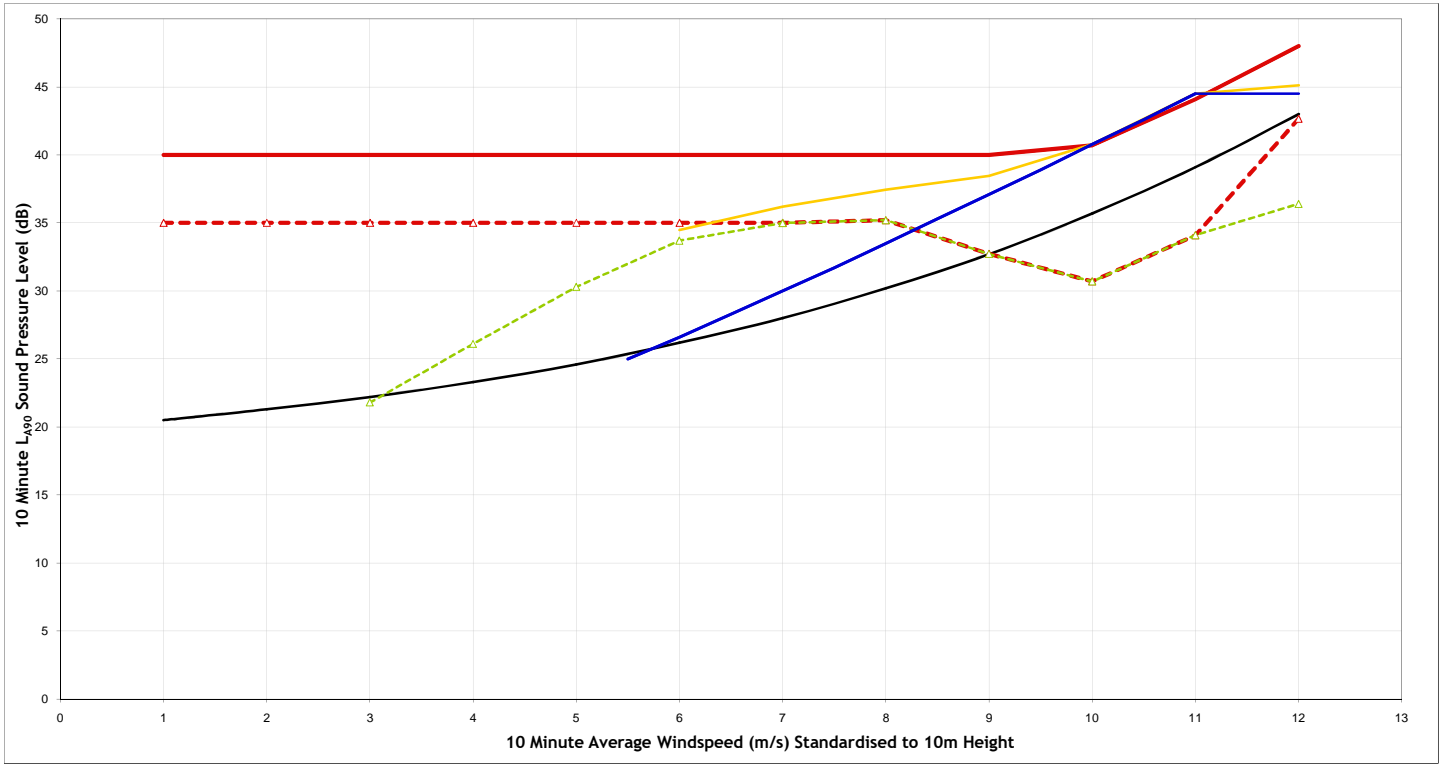
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

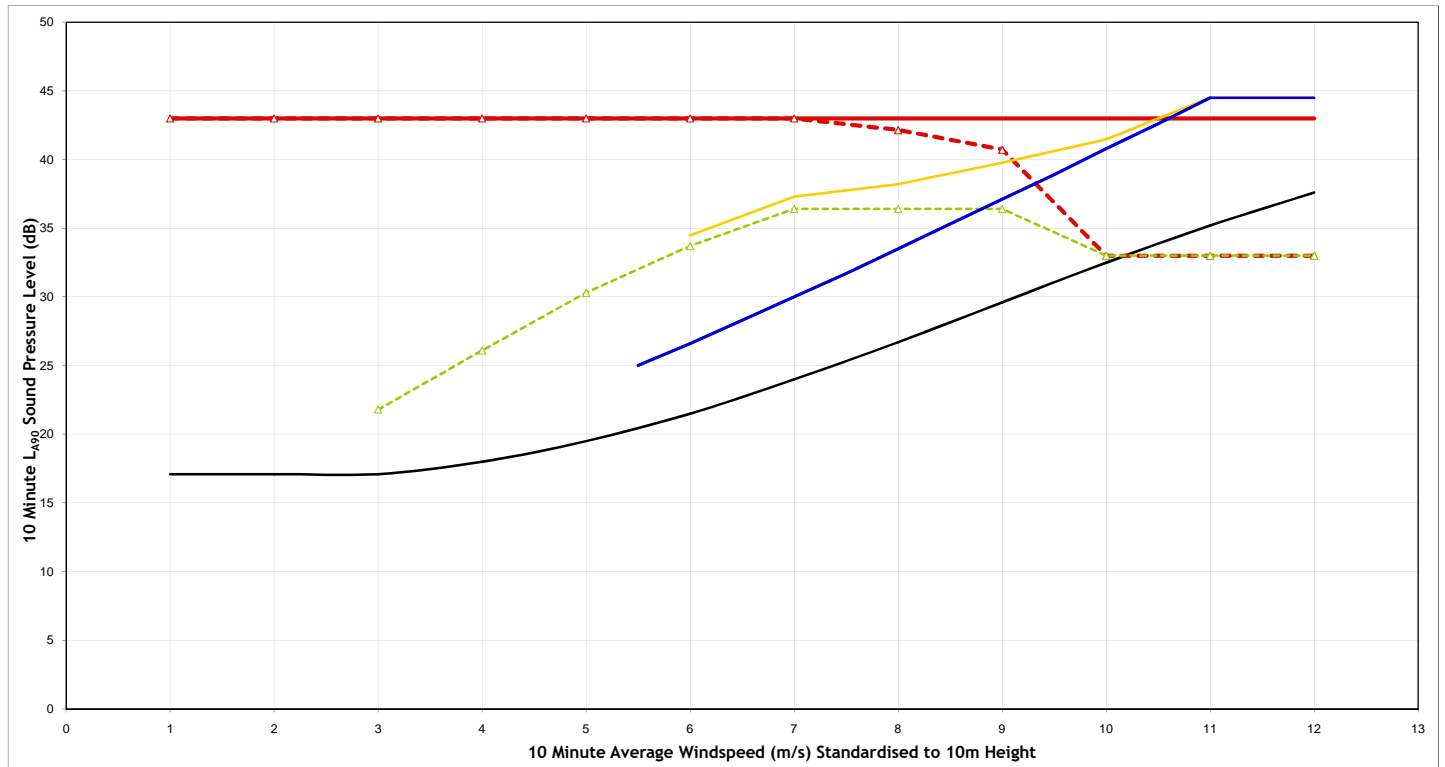
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Valhalla (NAL16) |
| Figure Number | A1.4p |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - 12 Whitelaw Road(NAL17) - (Area: East Burrafirth & Aith 3)



Night Time - 12 Whitelaw Road(NAL17) - (Area: East Burrafirth & Aith 3)



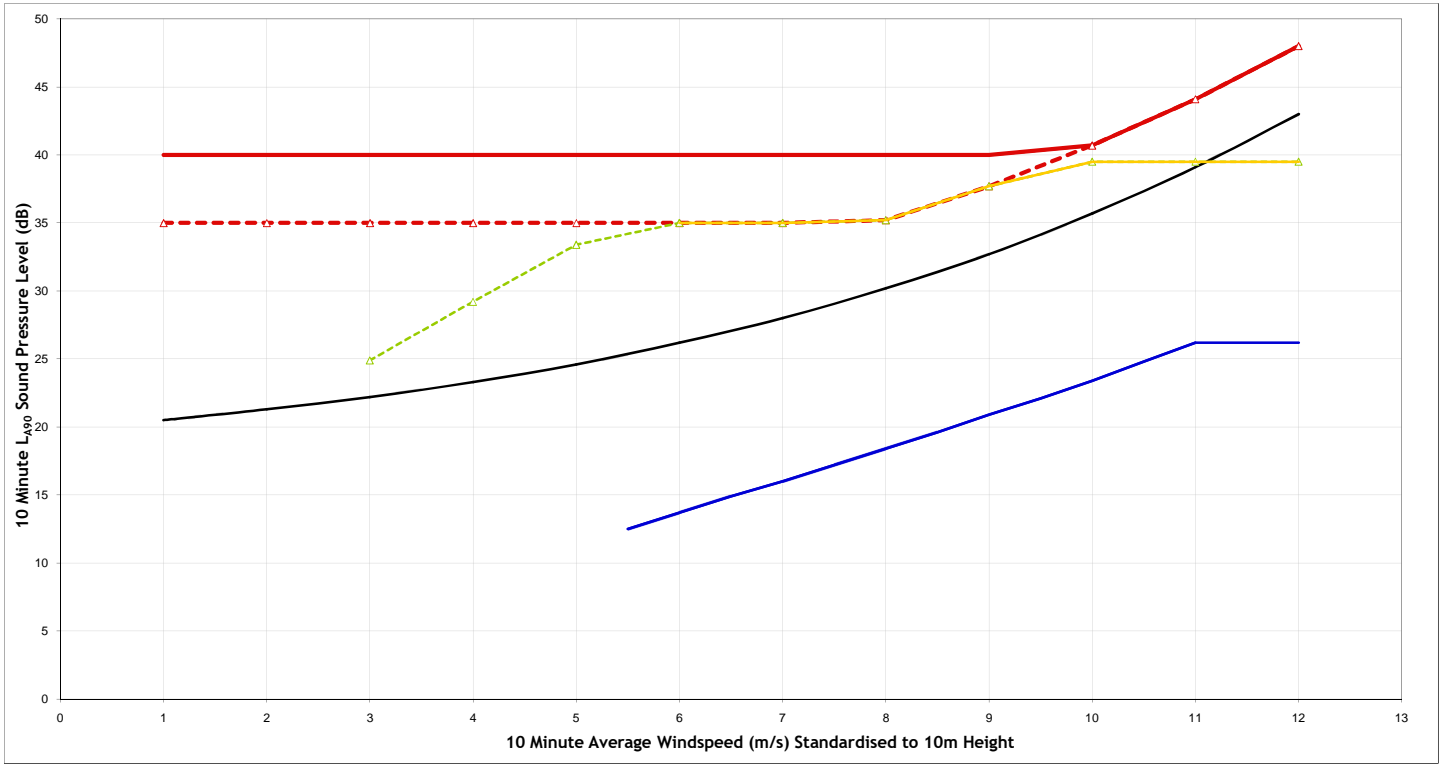
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

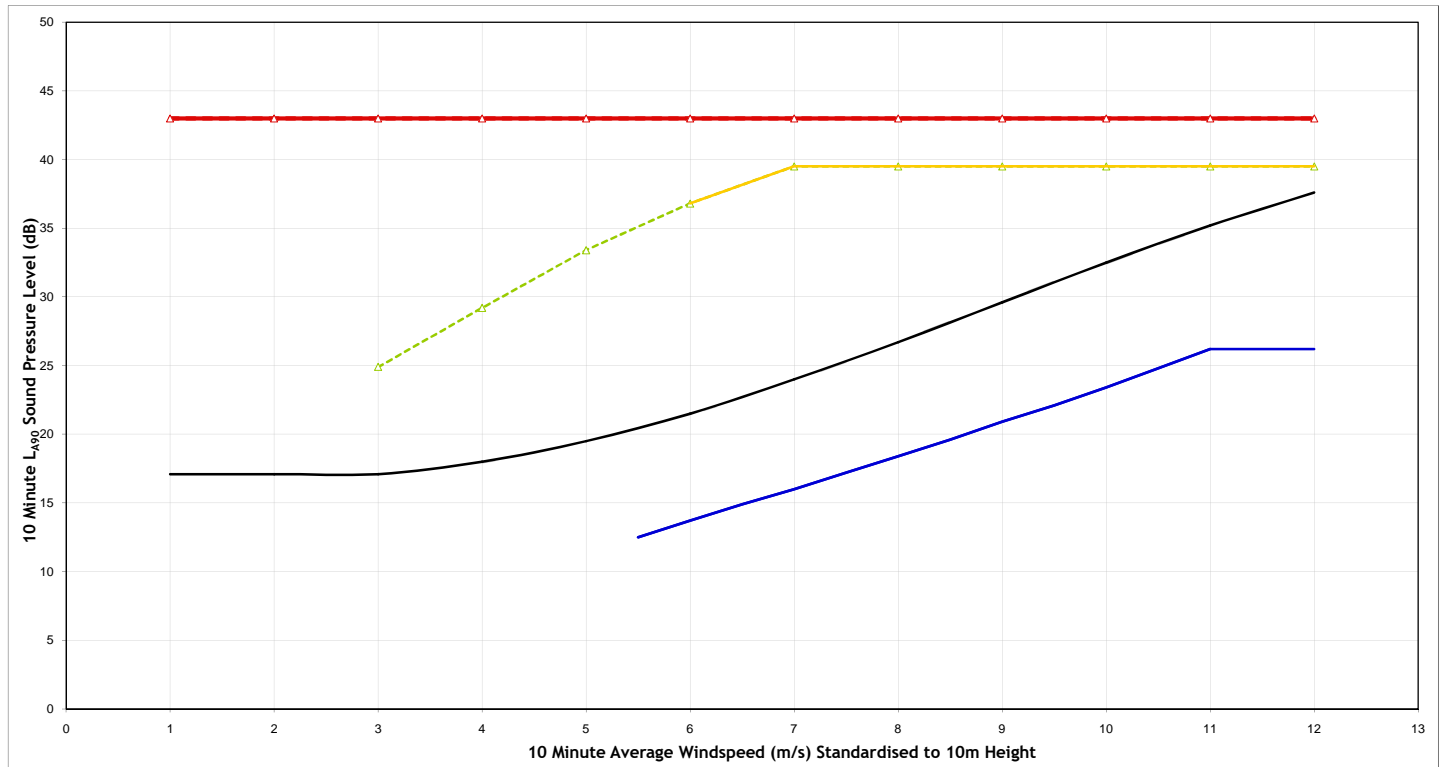
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | 12 Whitelaw Road (NAL17) |
| Figure Number | A1.4q |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Roadside(NAL18) - (Area: East Burrafirth & Aith 55)



Night Time - Roadside(NAL18) - (Area: East Burrafirth & Aith 55)



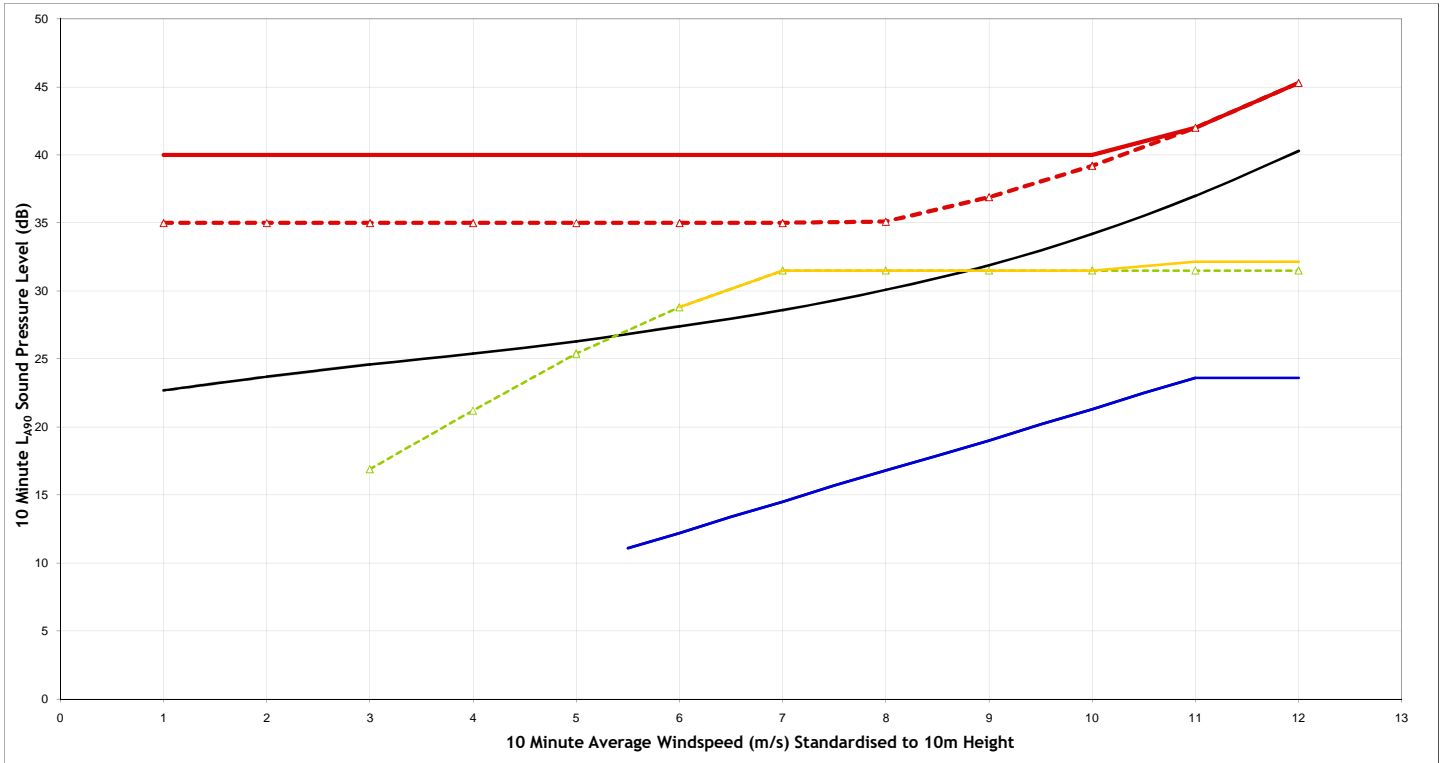
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

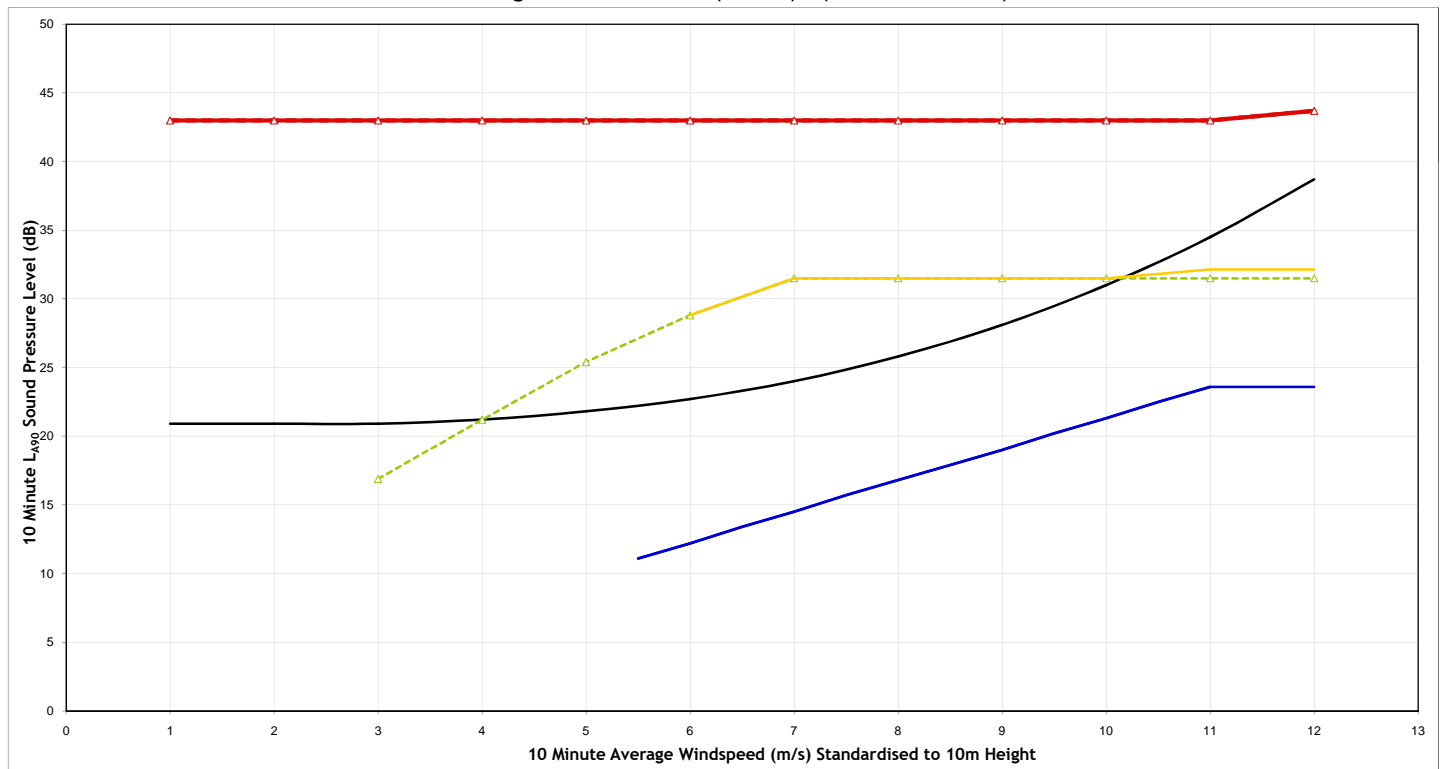
| | |
|--------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Roadside (NAL18) |
| Figure Number | A1.4r |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Hoddins(NAL19) - (Area: Gonfirth 3)



Night Time - Hoddins(NAL19) - (Area: Gonfirth 3)



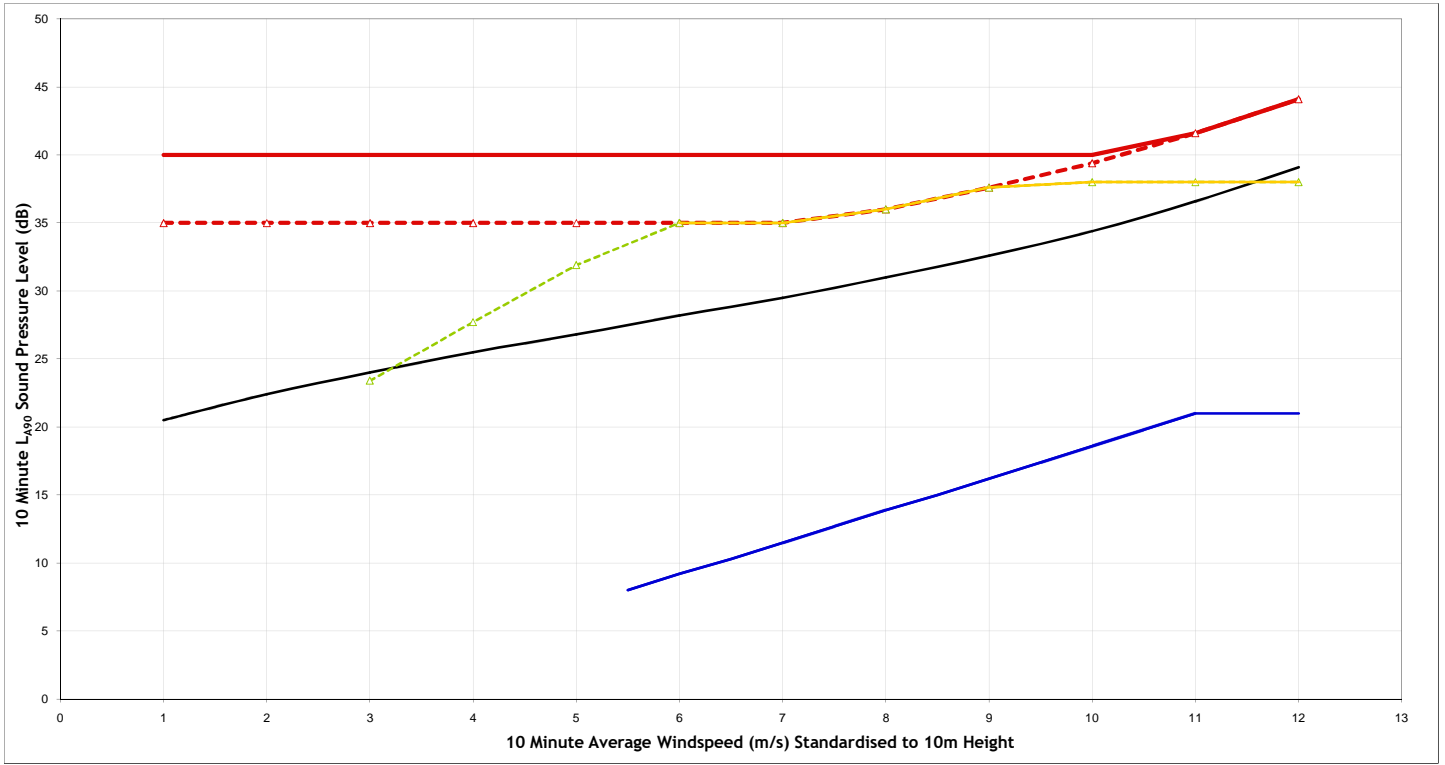
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

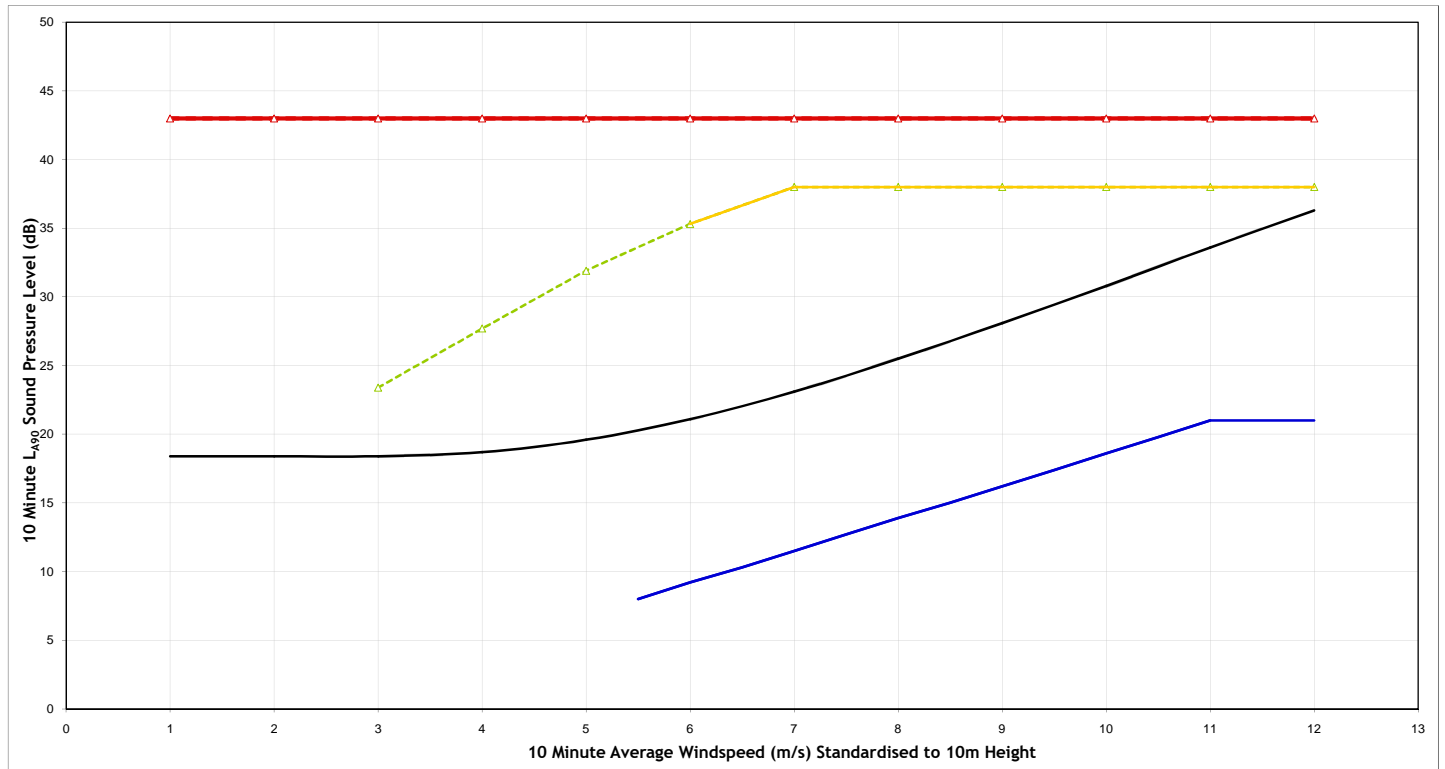
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Hoddins (NAL19) |
| Figure Number | A1.4s |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Rocklea(NAL20) - (Area: Voe 2)



Night Time - Rocklea(NAL20) - (Area: Voe 2)



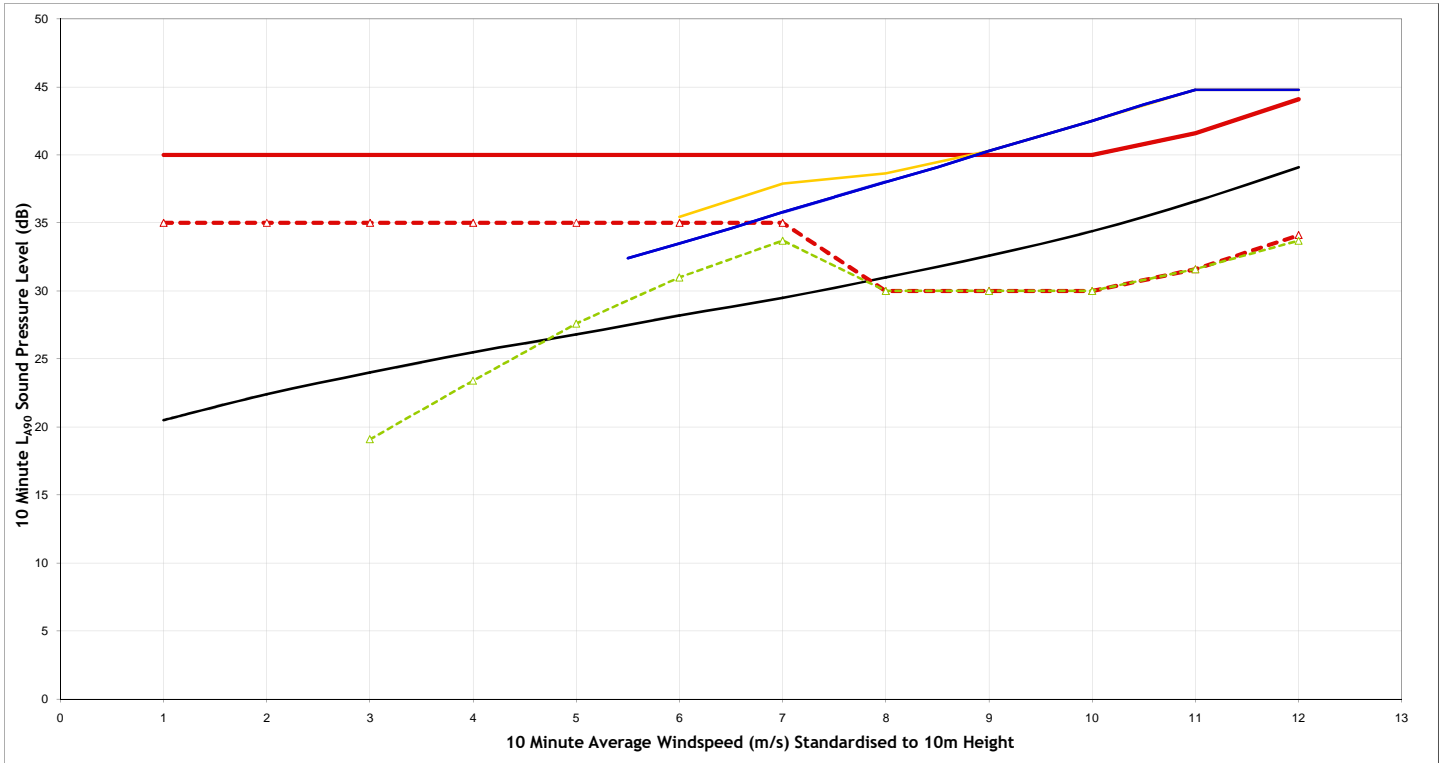
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

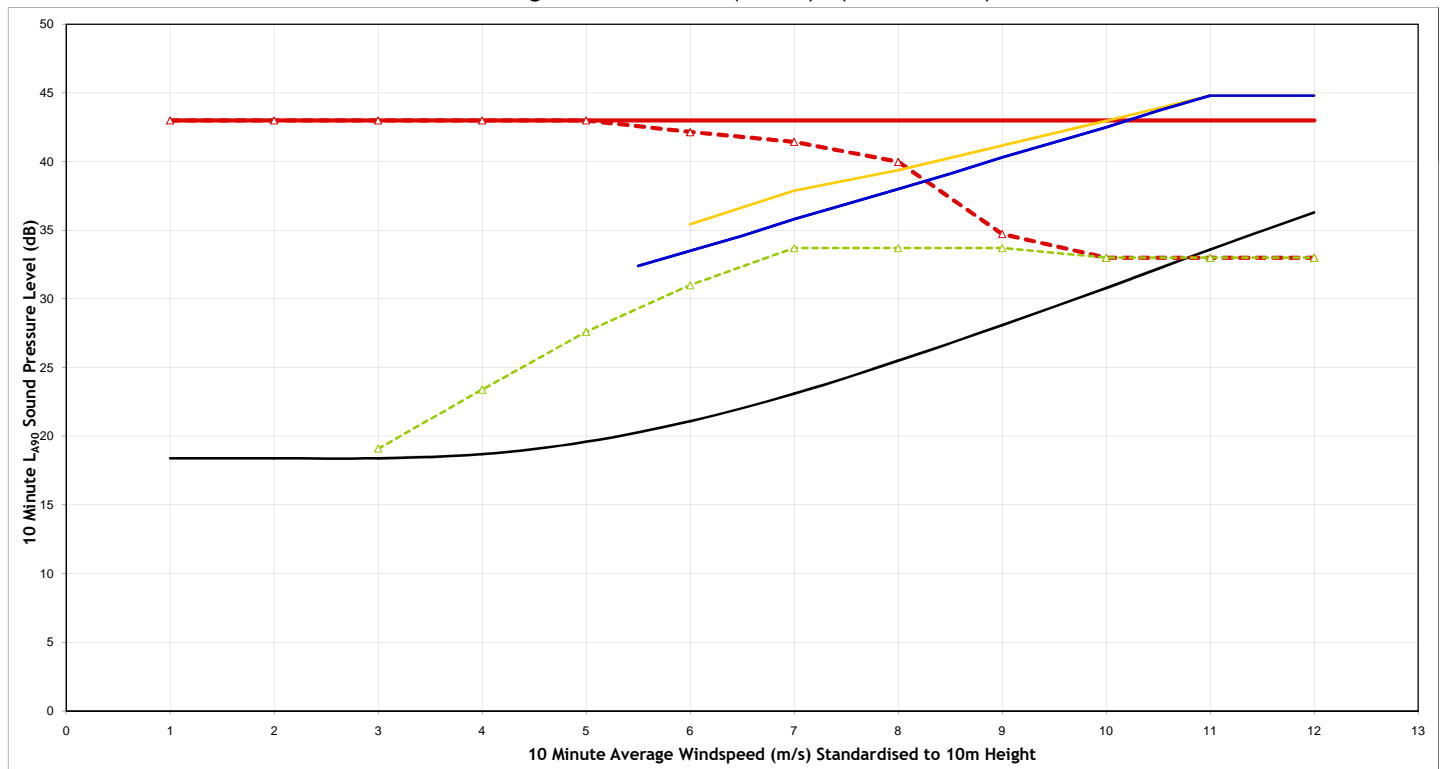
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Rocklea (NAL20) |
| Figure Number | A1.4t |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Norbrek(NAL21) - (Area: Voe 25)



Night Time - Norbrek(NAL21) - (Area: Voe 25)



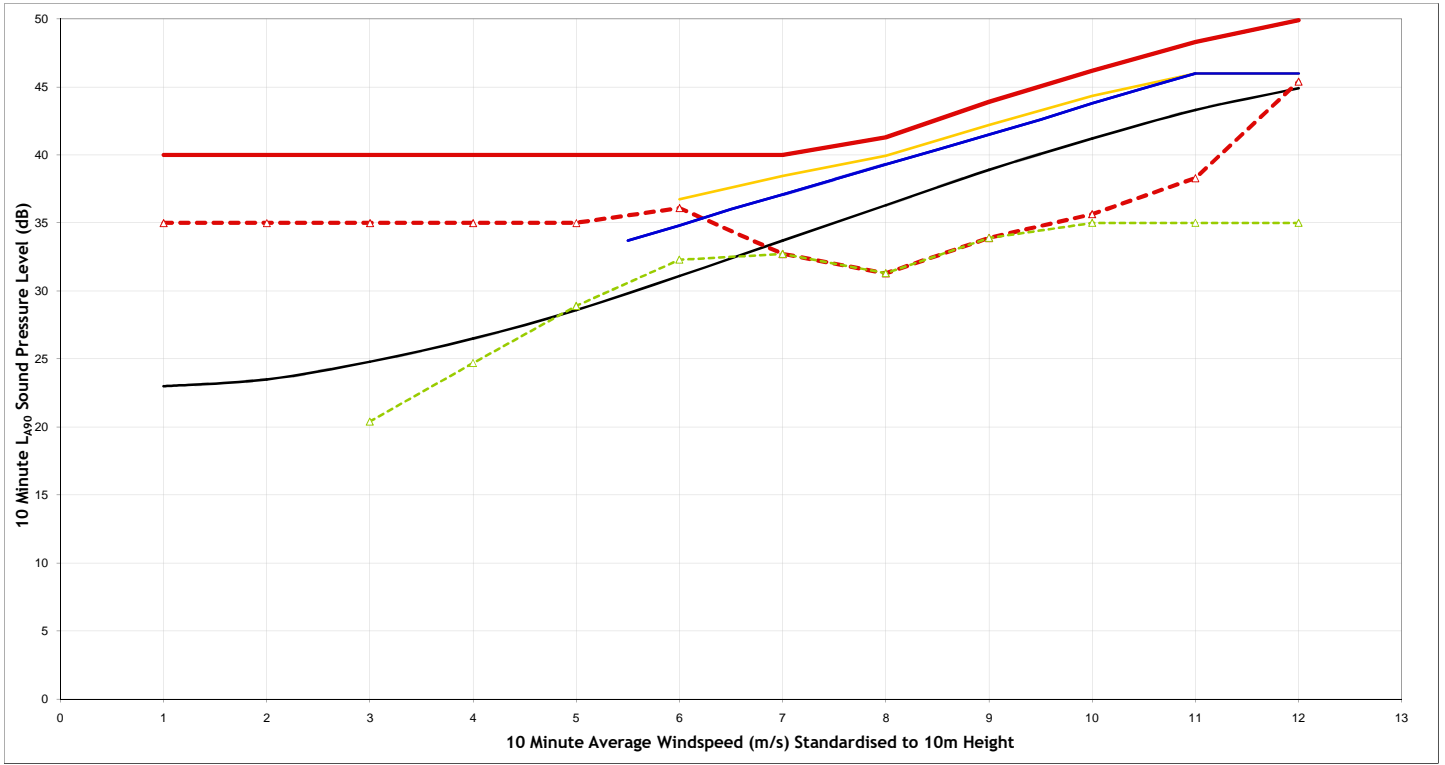
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

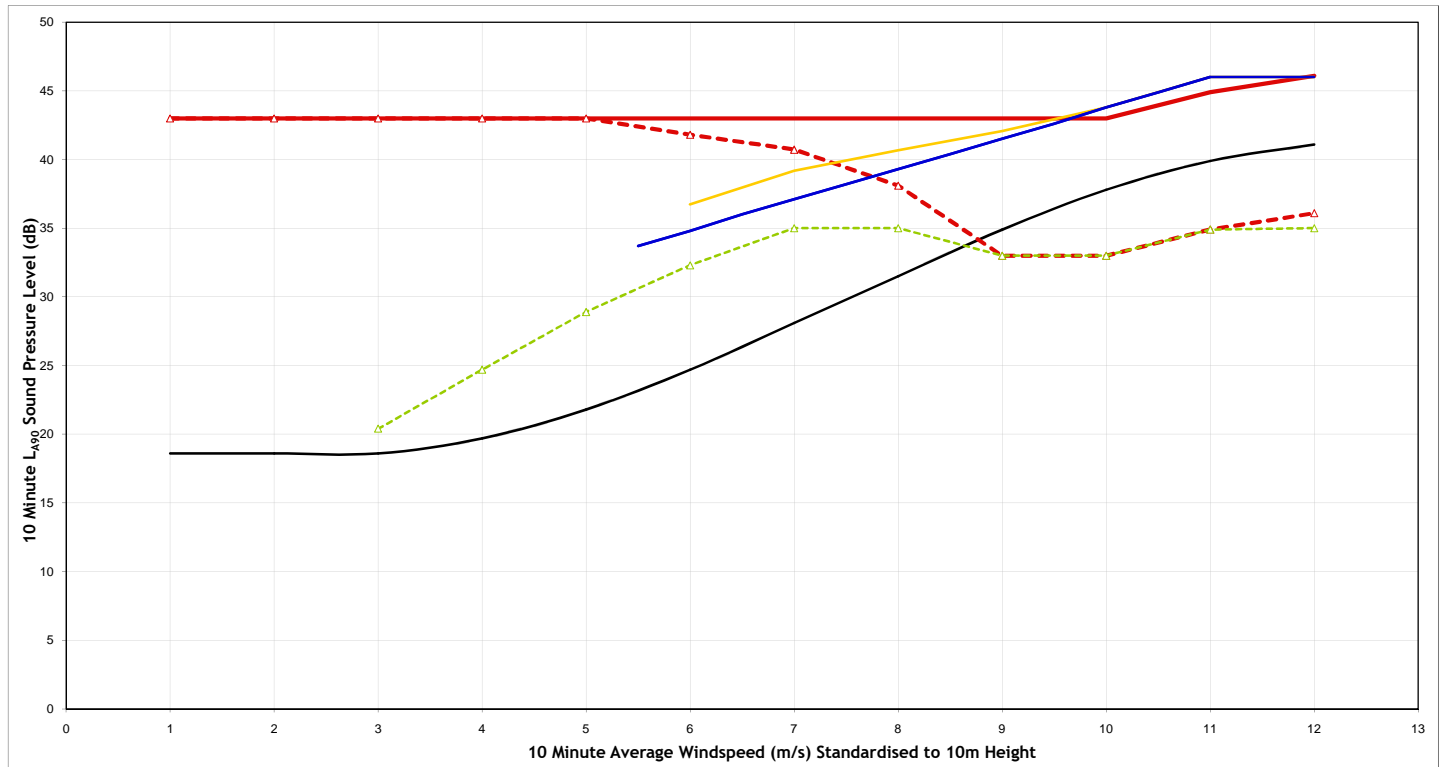
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Norbrek (NAL21) |
| Figure Number | A1.4u |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Muness(NAL22) - (Area: Cumulative 3)



Night Time - Muness(NAL22) - (Area: Cumulative 3)



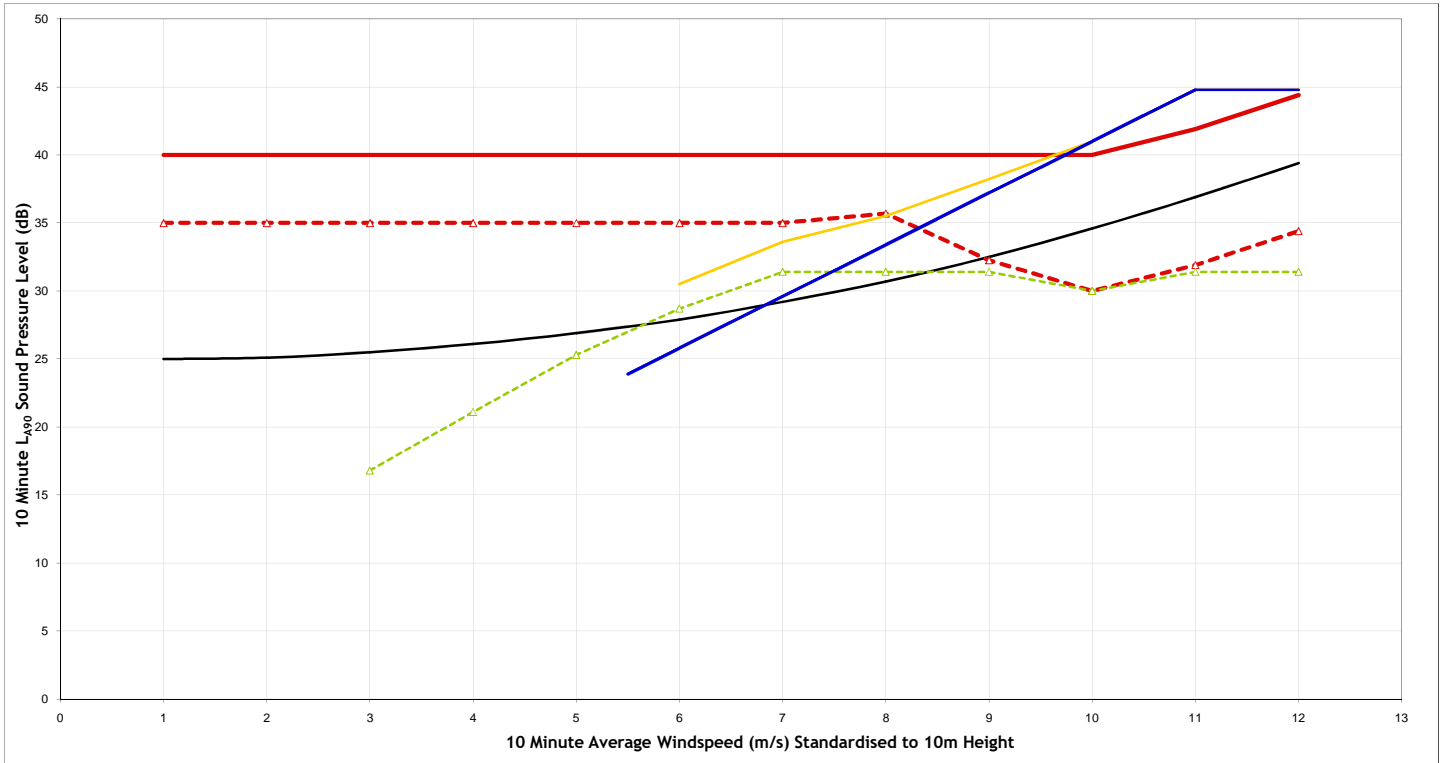
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

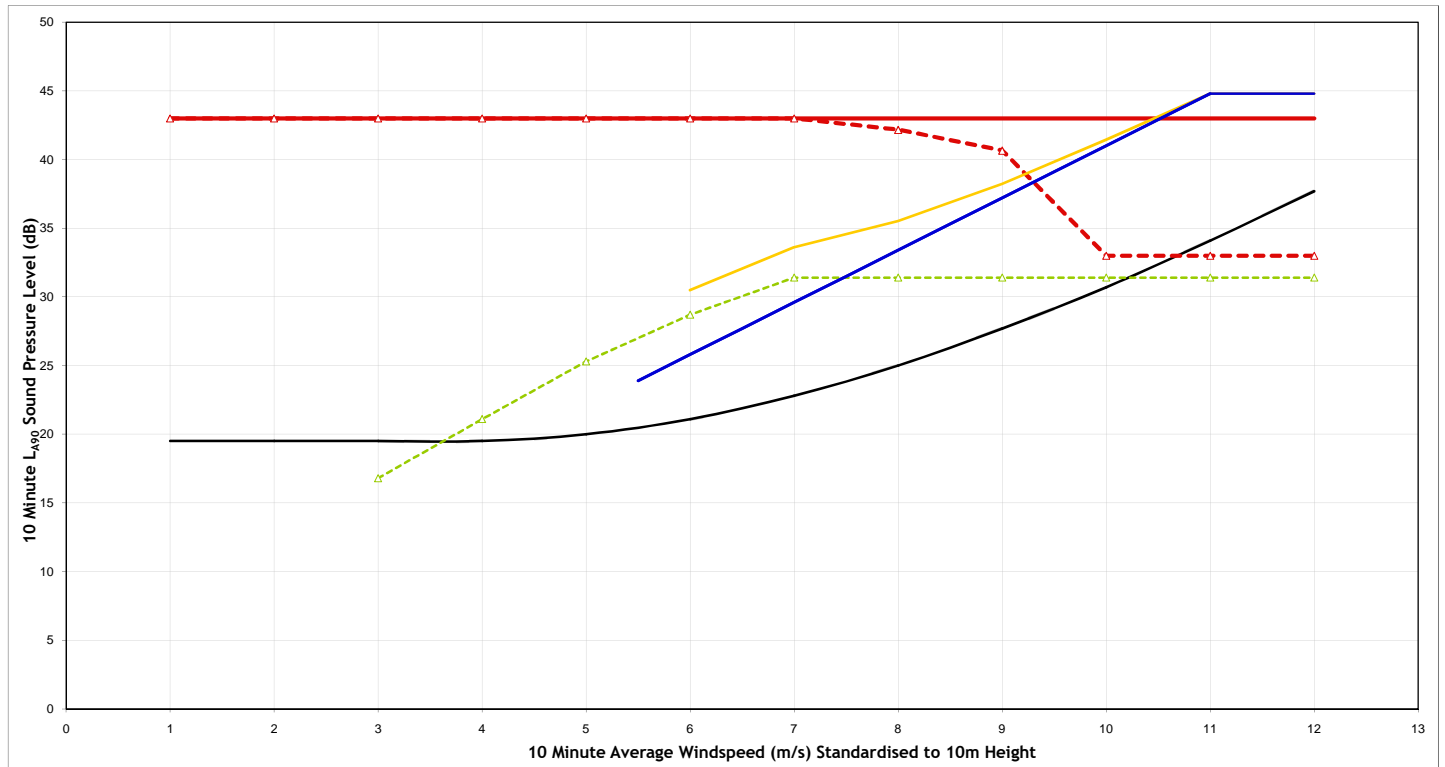
| | |
|--------------------|------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Muness (NAL22) |
| Figure Number | A1.4v |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Parkhead(NAL23) - (Area: Cumulative 4)



Night Time - Parkhead(NAL23) - (Area: Cumulative 4)



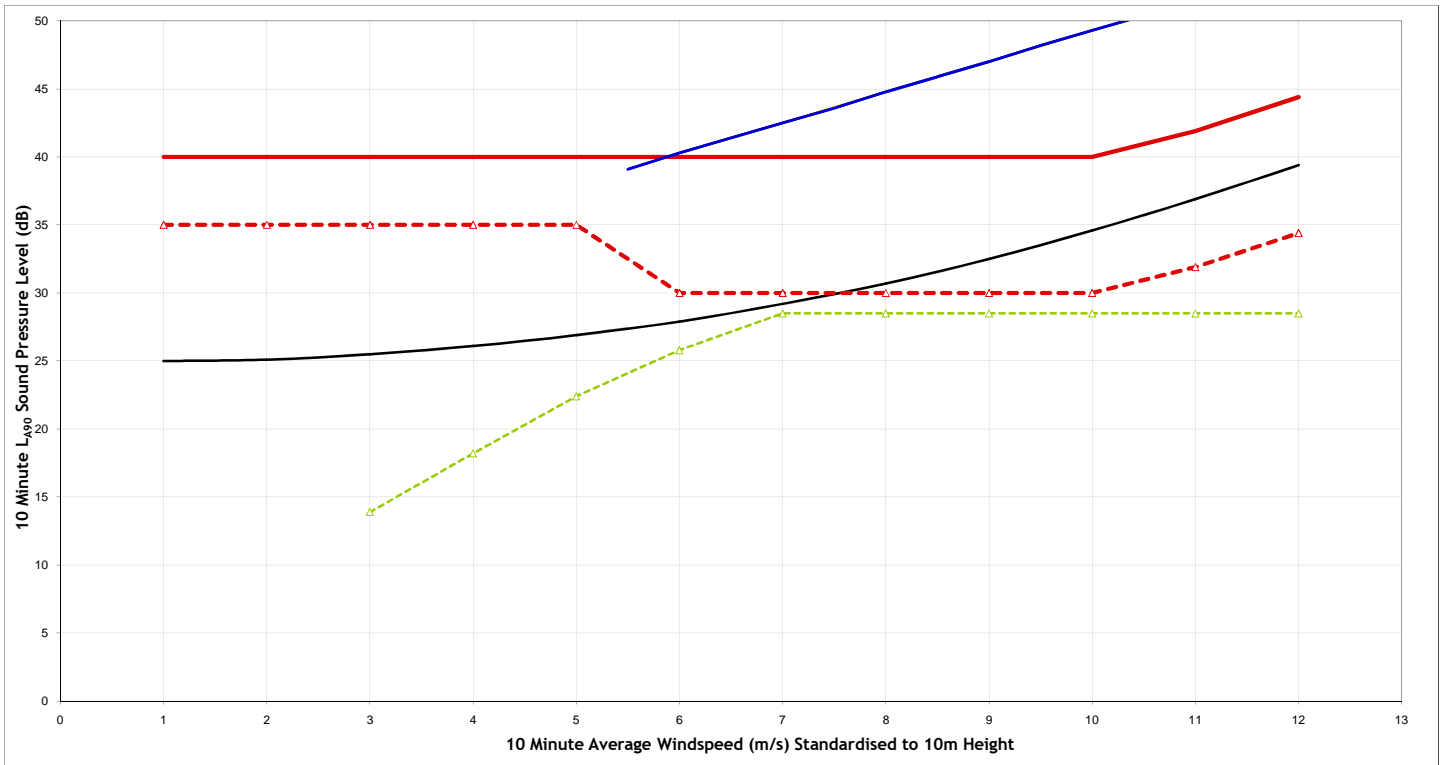
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

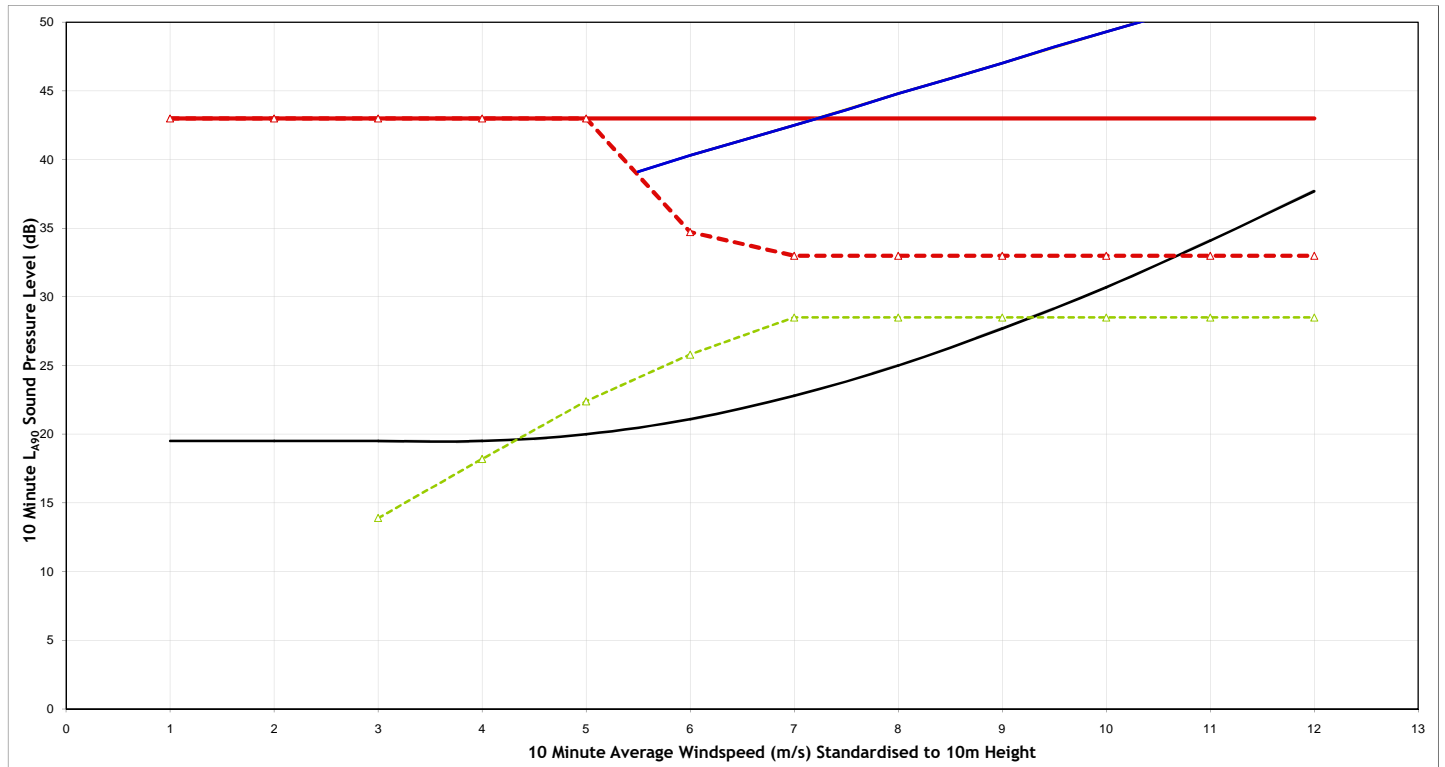
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Parkhead (NAL23) |
| Figure Number | A1.4w |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Moars Park(NAL24) - (Area: Cumulative 5)



Night Time - Moars Park(NAL24) - (Area: Cumulative 5)



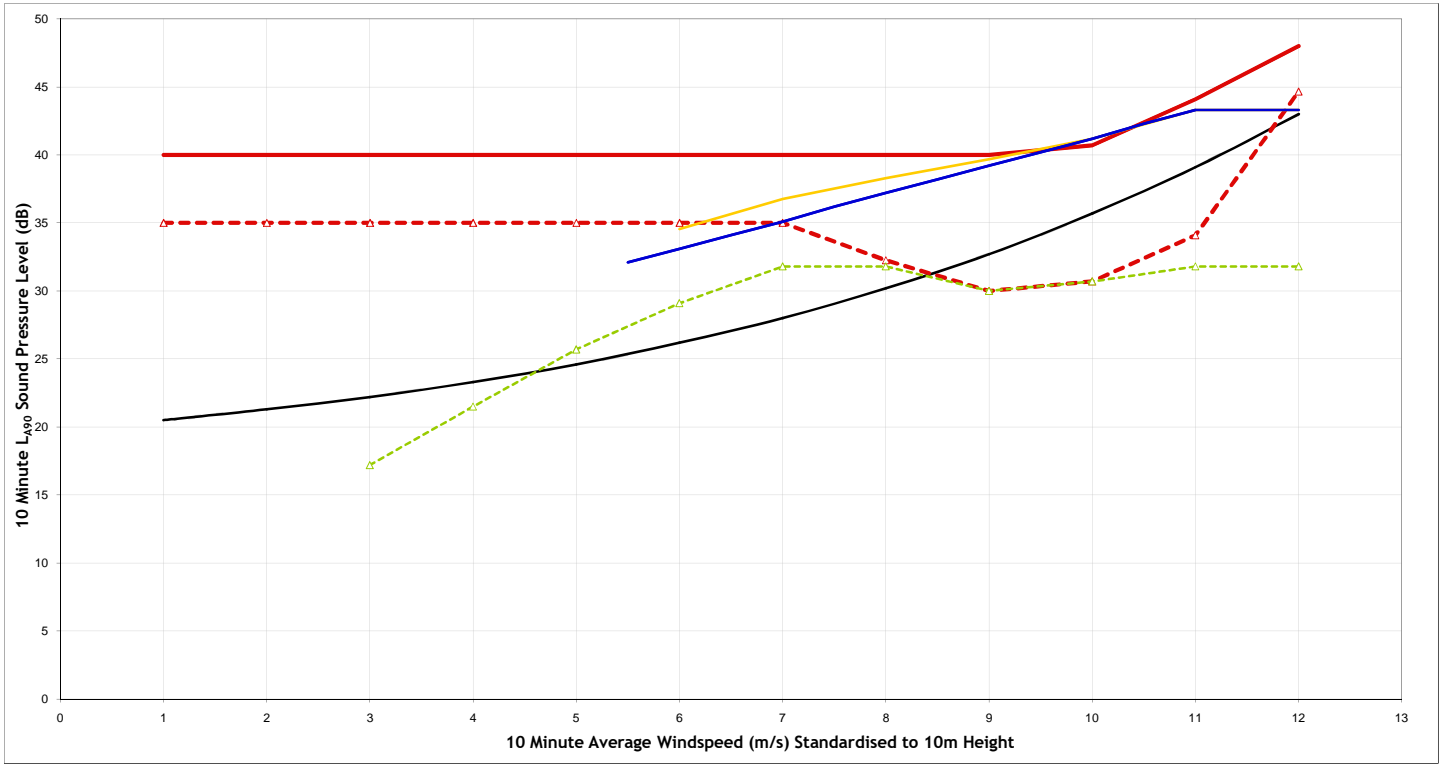
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

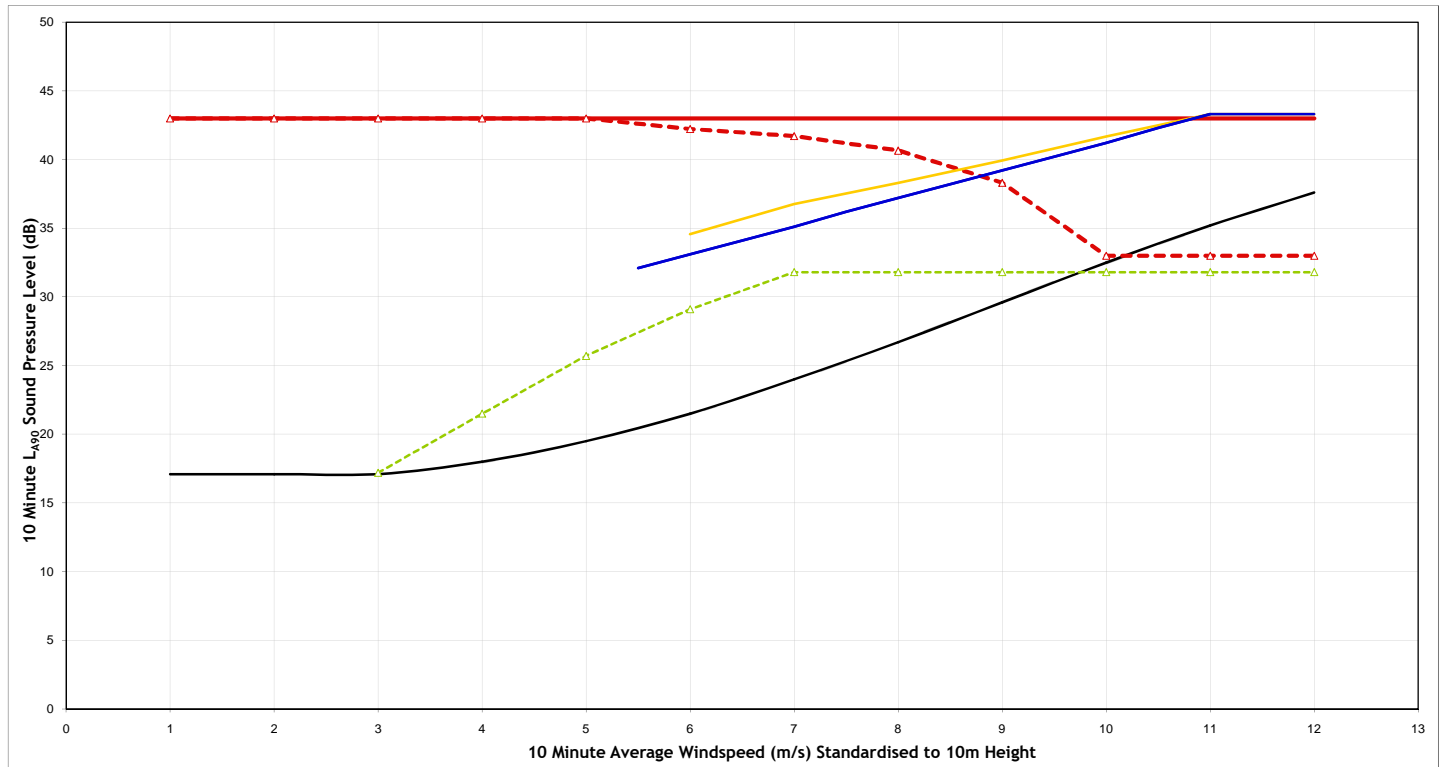
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Moars Park (NAL24) |
| Figure Number | A1.4x |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - The Mark(NAL25) - (Area: Cumulative 13)



Night Time - The Mark(NAL25) - (Area: Cumulative 13)



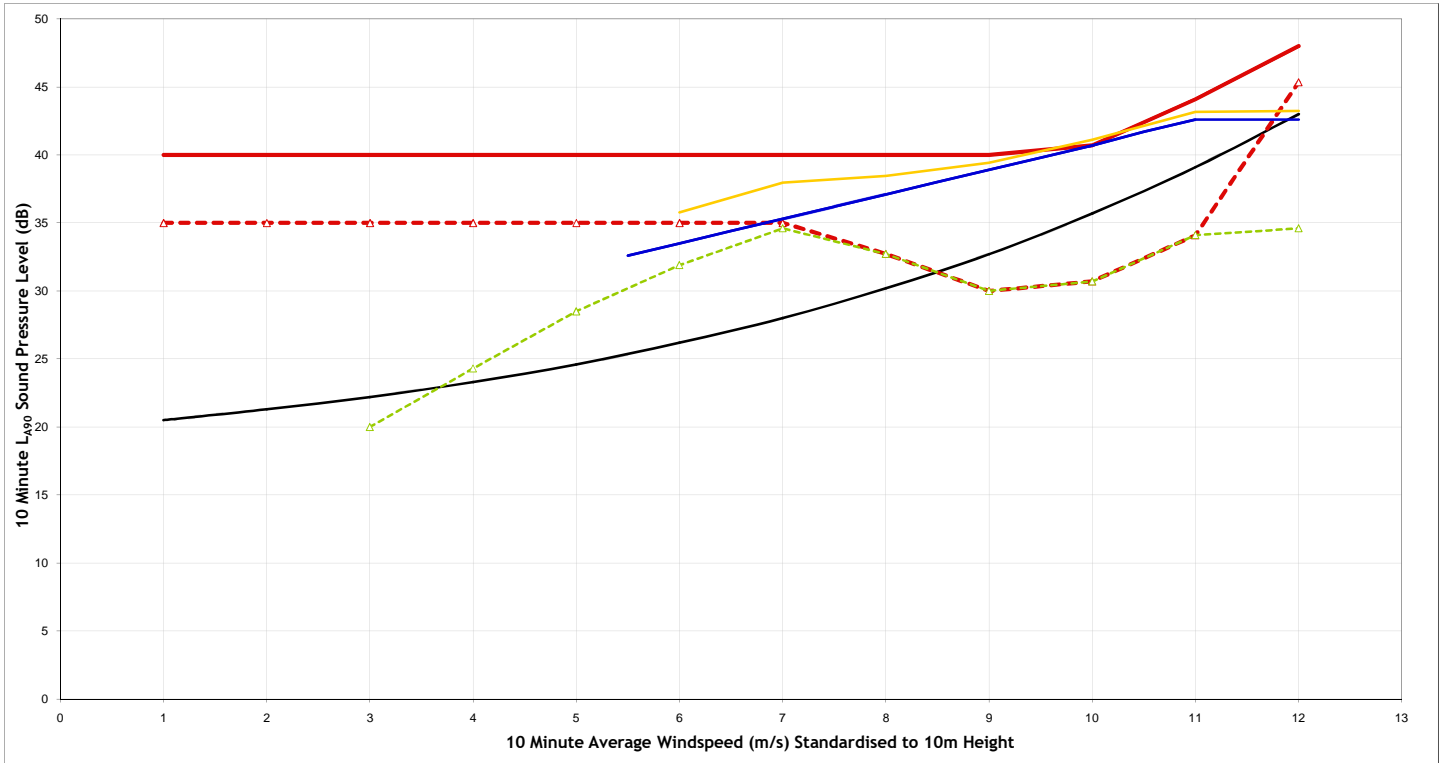
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

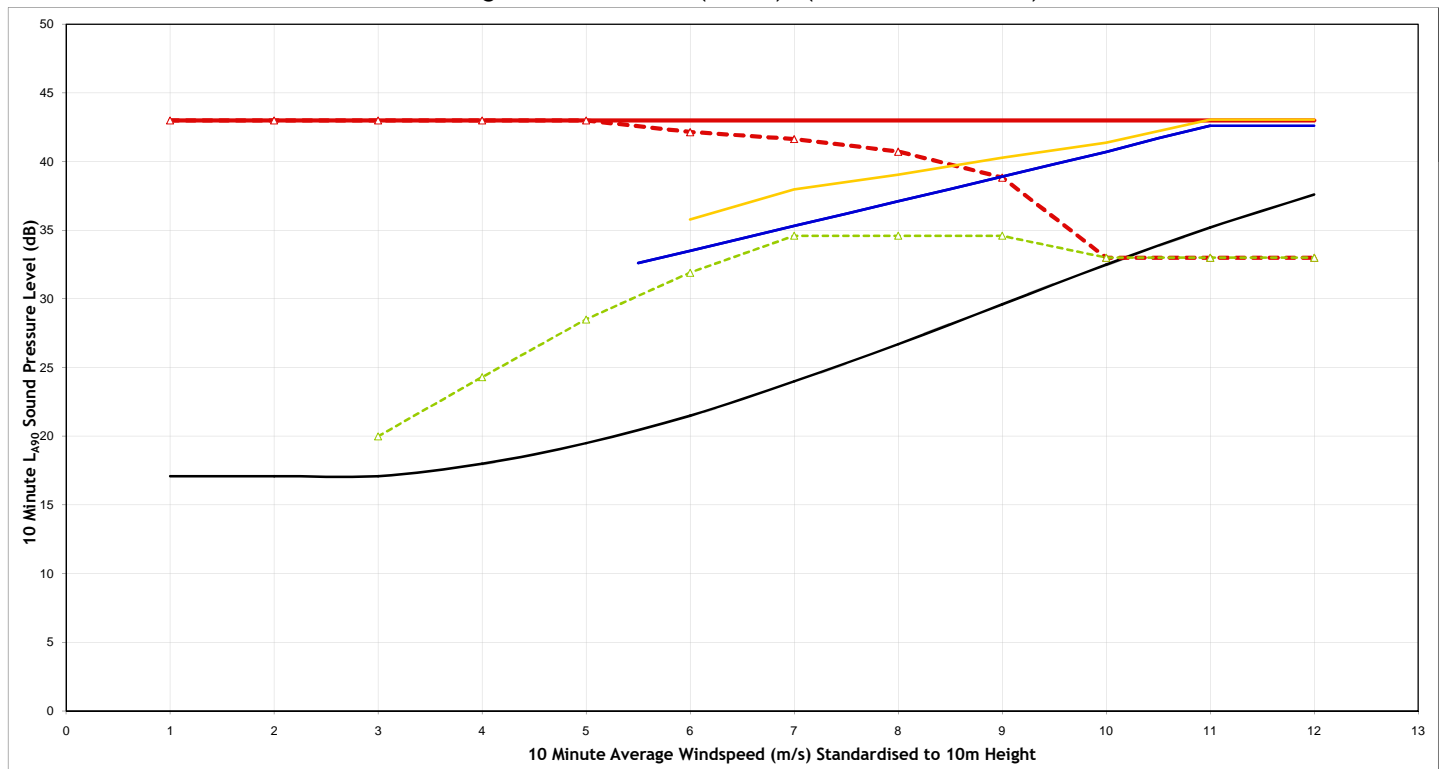
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | The Mark (NAL25) |
| Figure Number | A1.4y |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Lonabrek(NAL26) - (Area: Cumulative 14)



Night Time - Lonabrek(NAL26) - (Area: Cumulative 14)



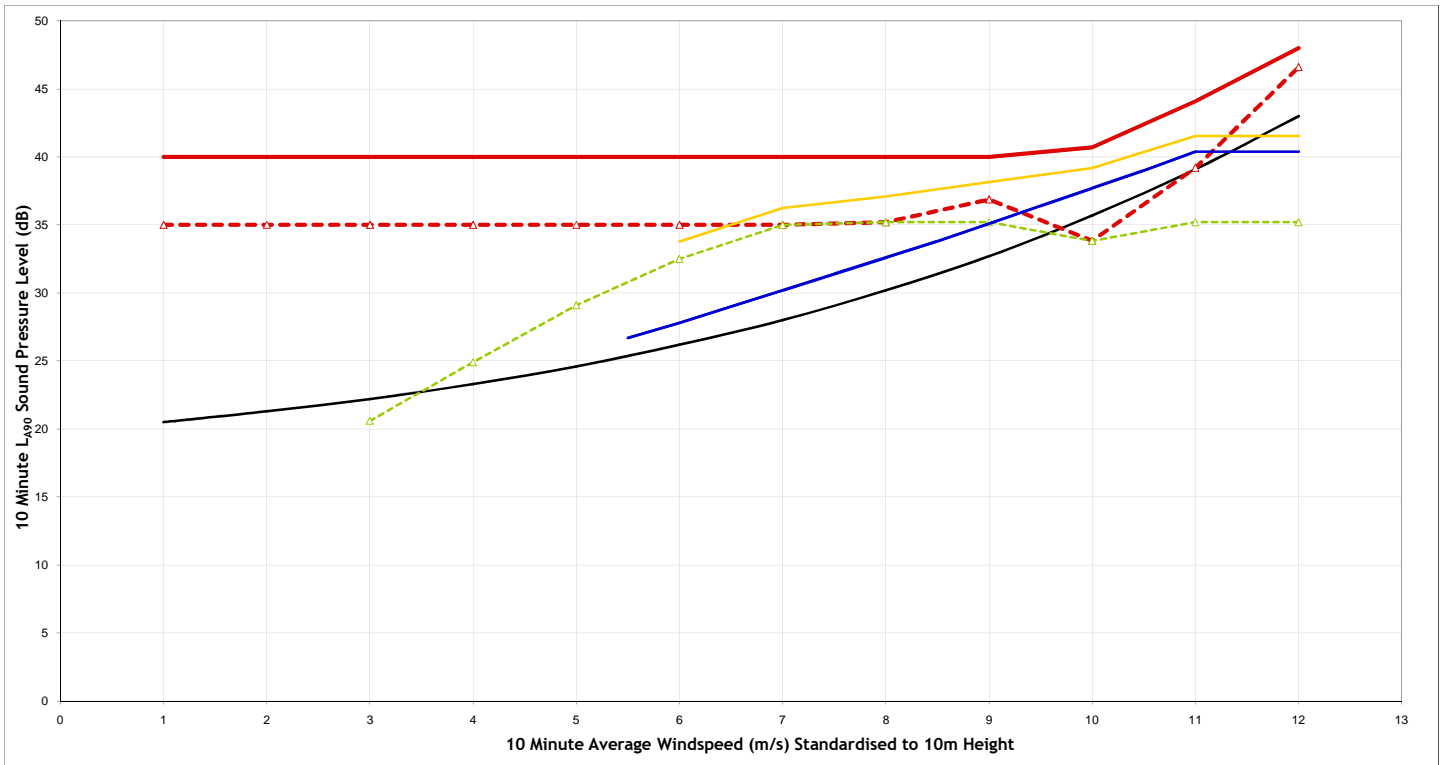
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

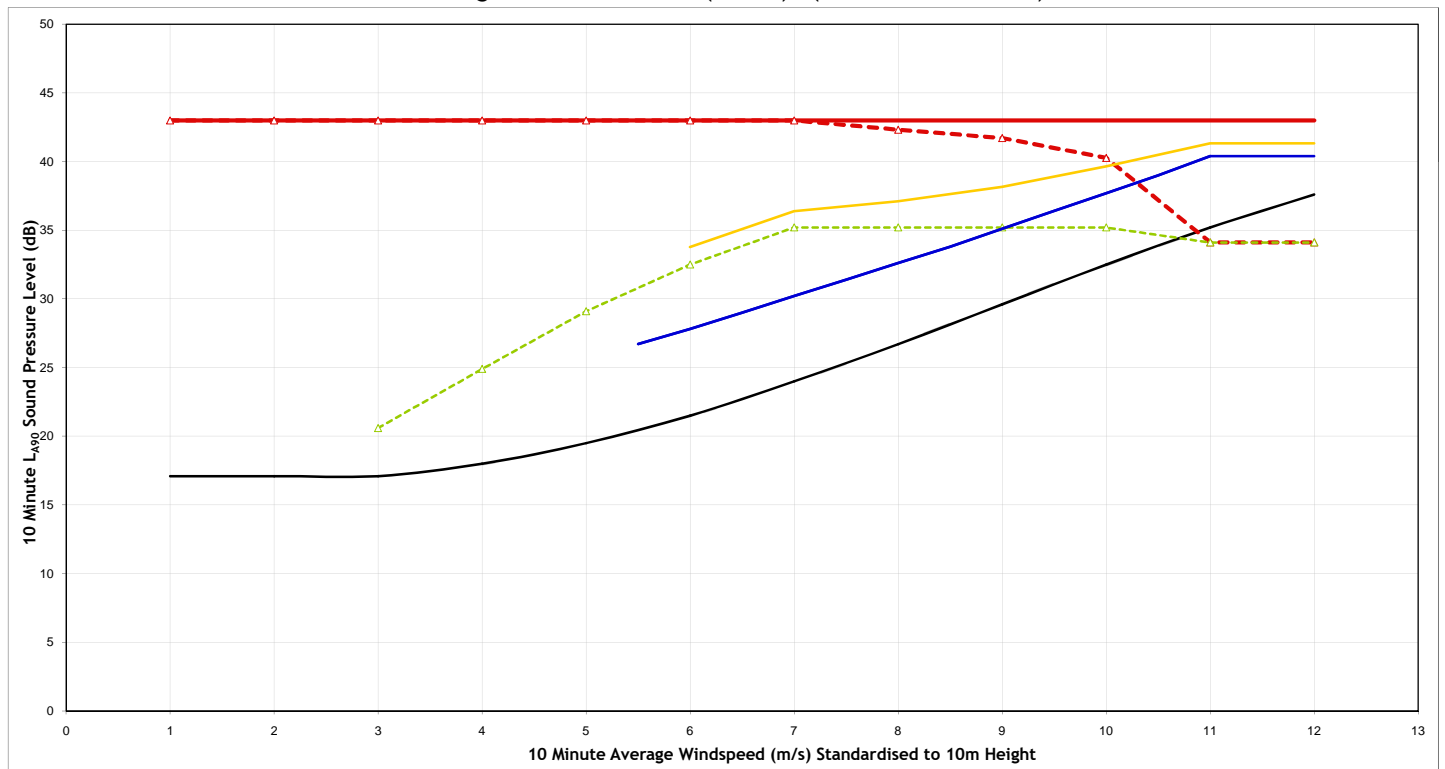
| | |
|--------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Lonabrek (NAL26) |
| Figure Number | A1.4z |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Adnashoor(NAL27) - (Area: Cumulative 12)



Night Time - Adnashoor(NAL27) - (Area: Cumulative 12)



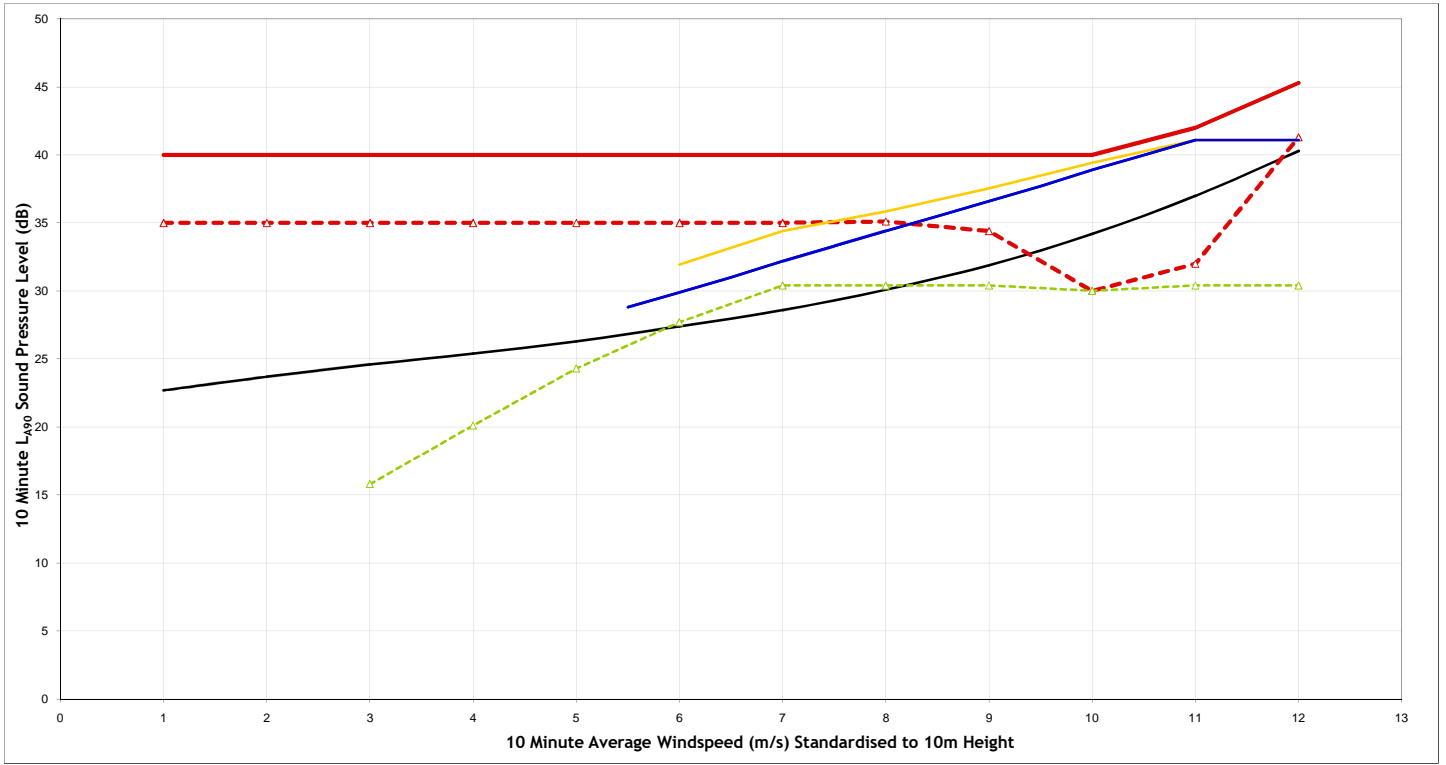
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

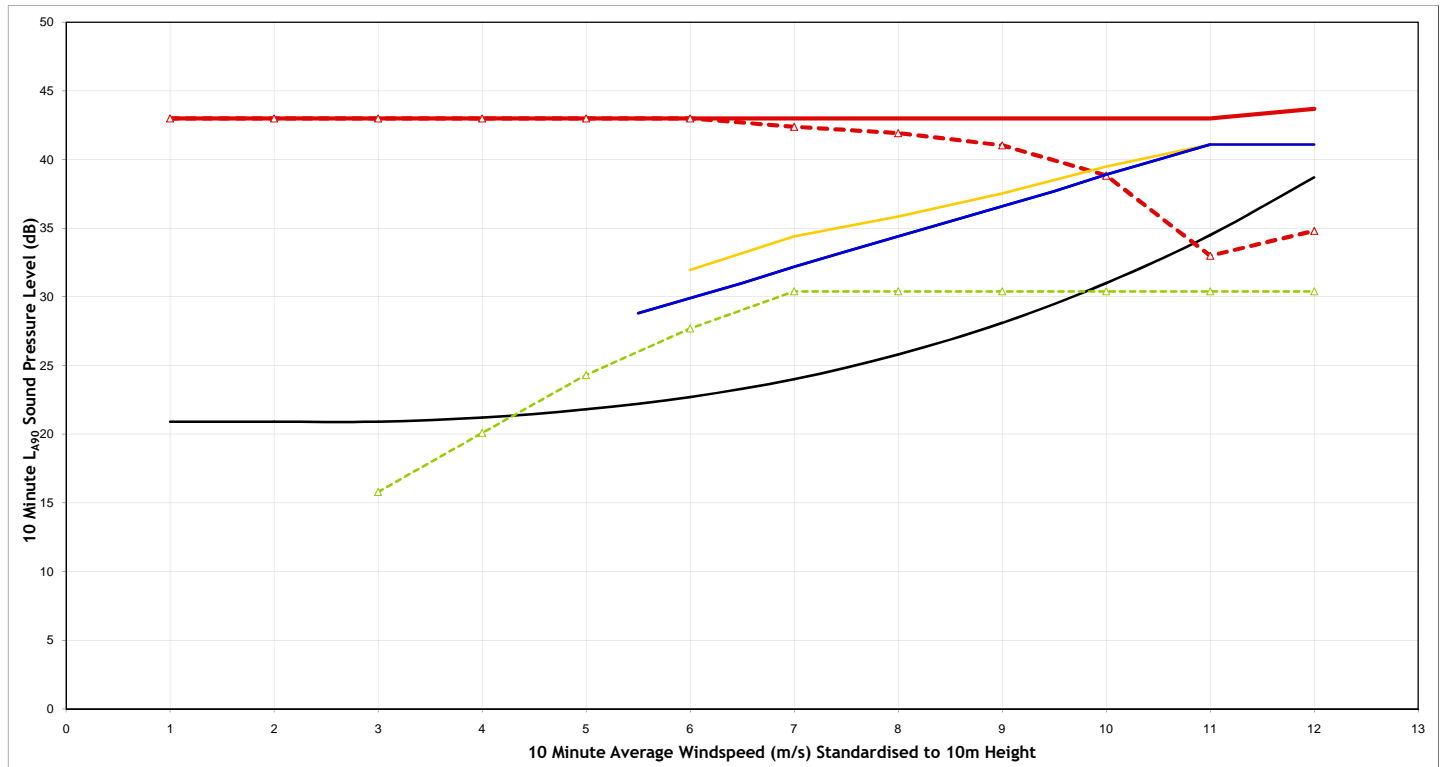
| | |
|--------------------|---------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Adnashoor (NAL27) |
| Figure Number | A1.4aa |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - South Voxter(NAL28) - (Area: Cumulative 15)



Night Time - South Voxter(NAL28) - (Area: Cumulative 15)



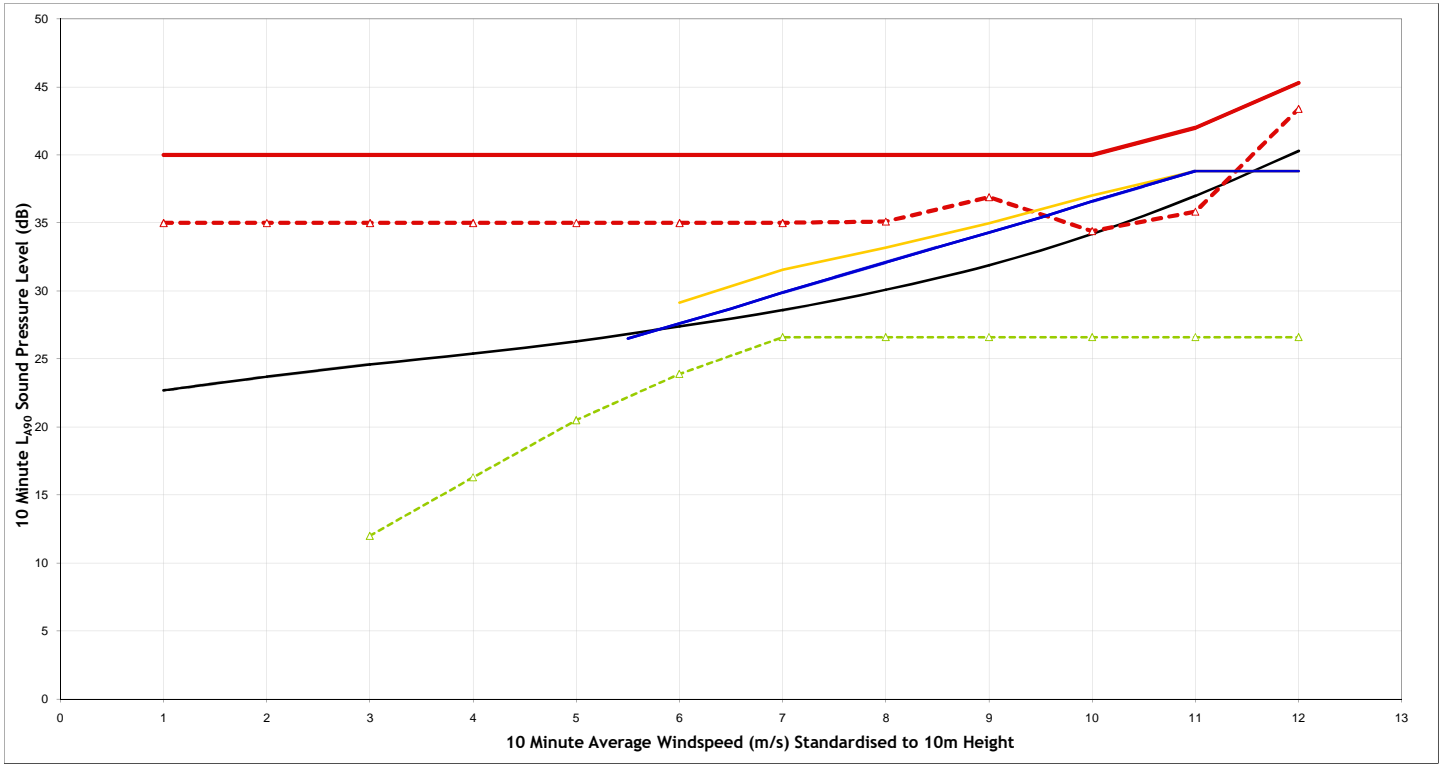
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

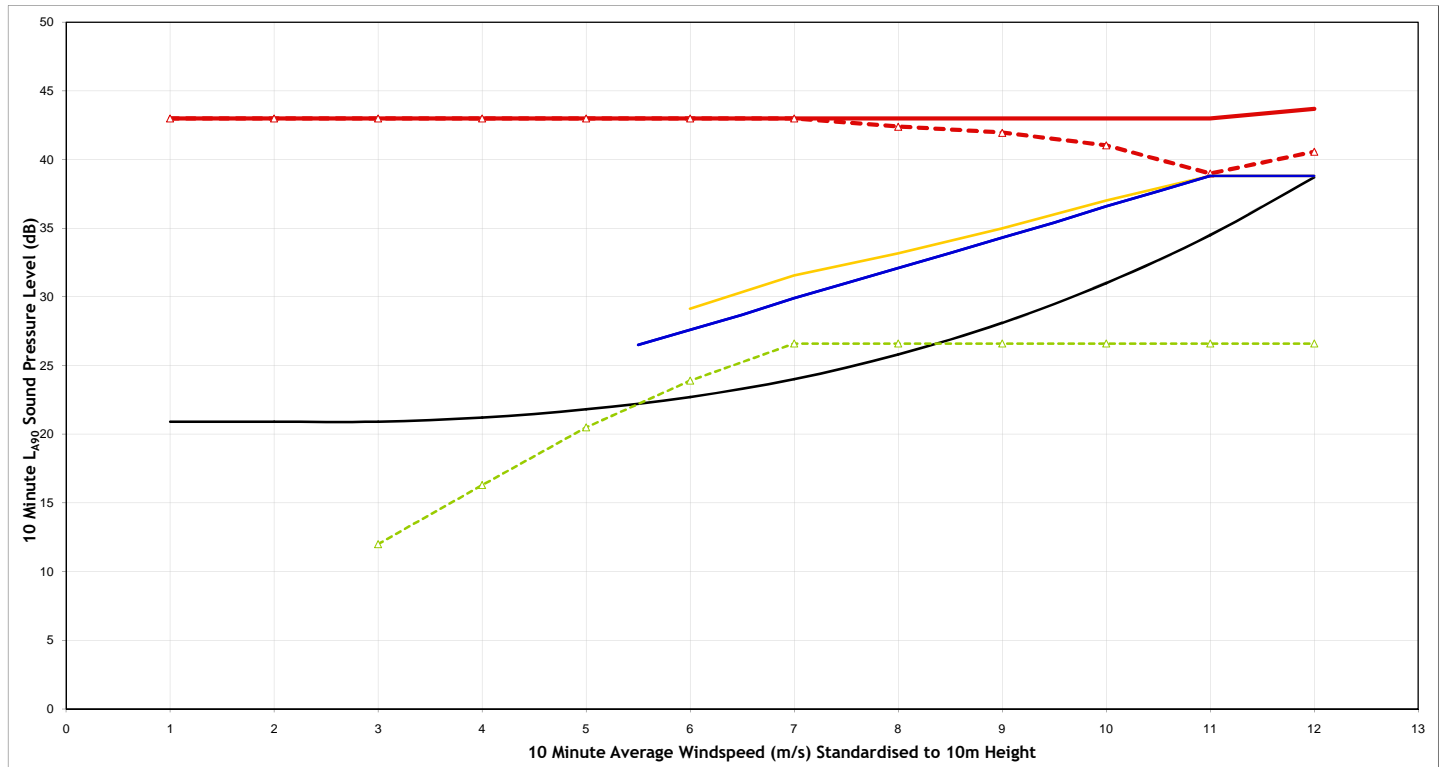
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | South Voxter (NAL28) |
| Figure Number | A1.4ab |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - East Lynn(NAL29) - (Area: Cumulative 16)



Night Time - East Lynn(NAL29) - (Area: Cumulative 16)



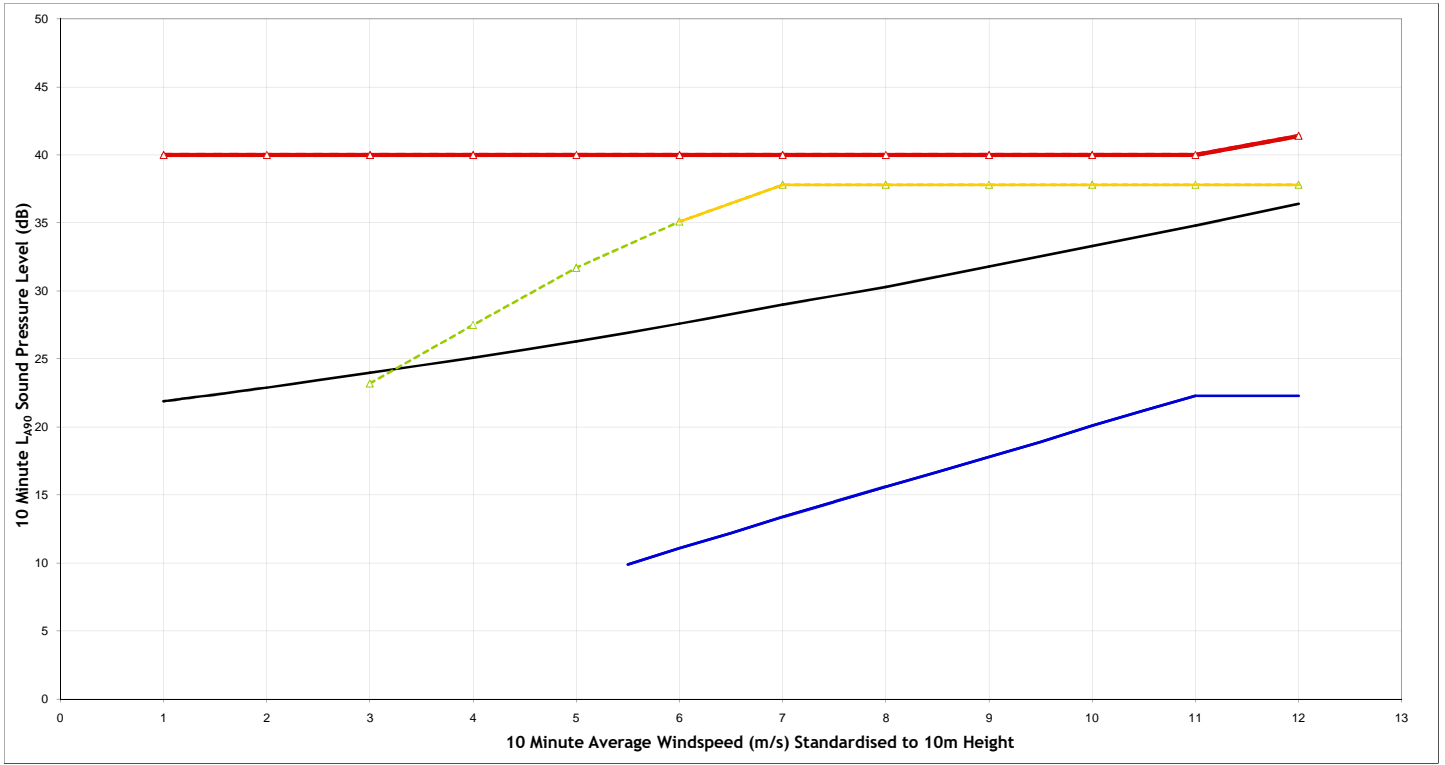
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

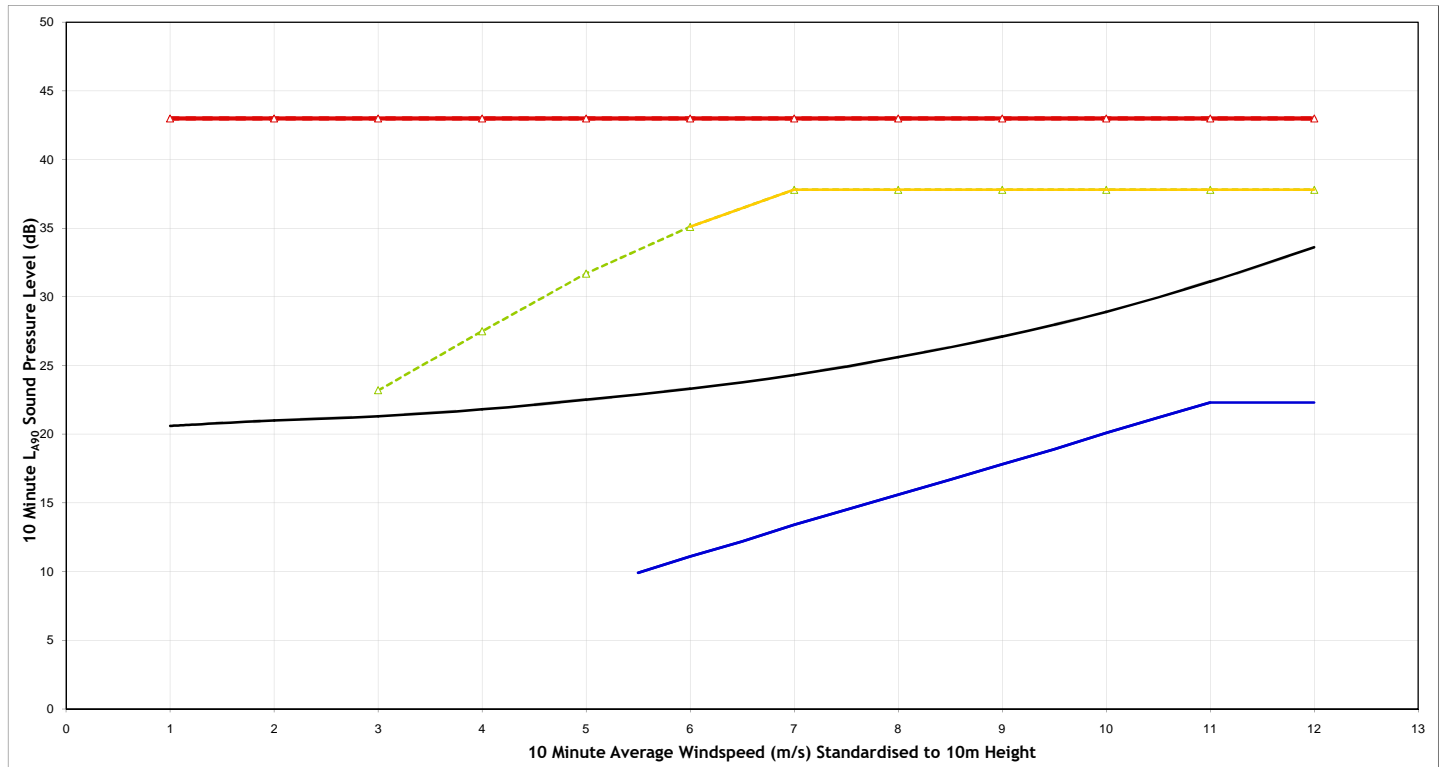
| | |
|--------------------|---------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment East Lynn (NAL29) |
| Figure Number | A1.4ac |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Glenlea(NAL1) - (Area: Laxo 1)



Night Time - Glenlea(NAL1) - (Area: Laxo 1)



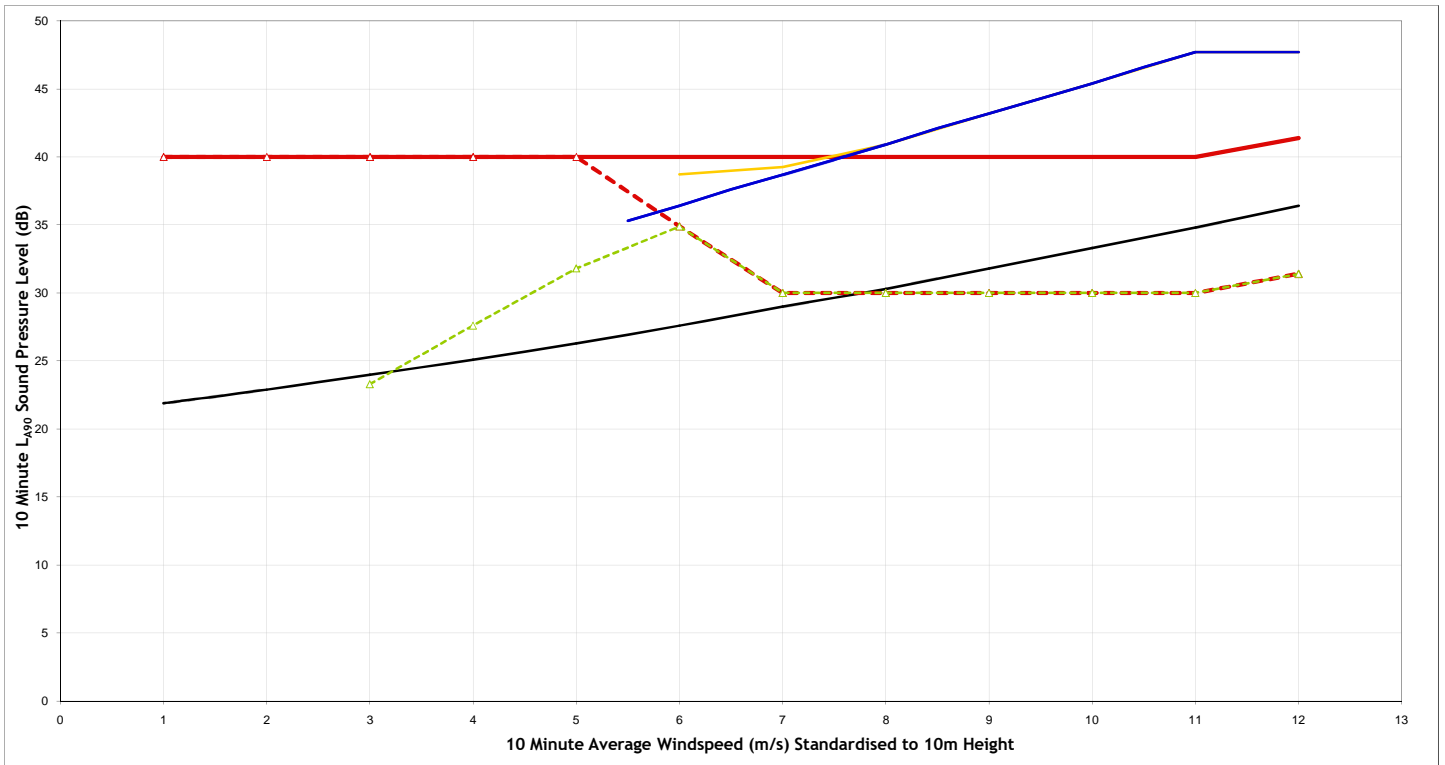
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

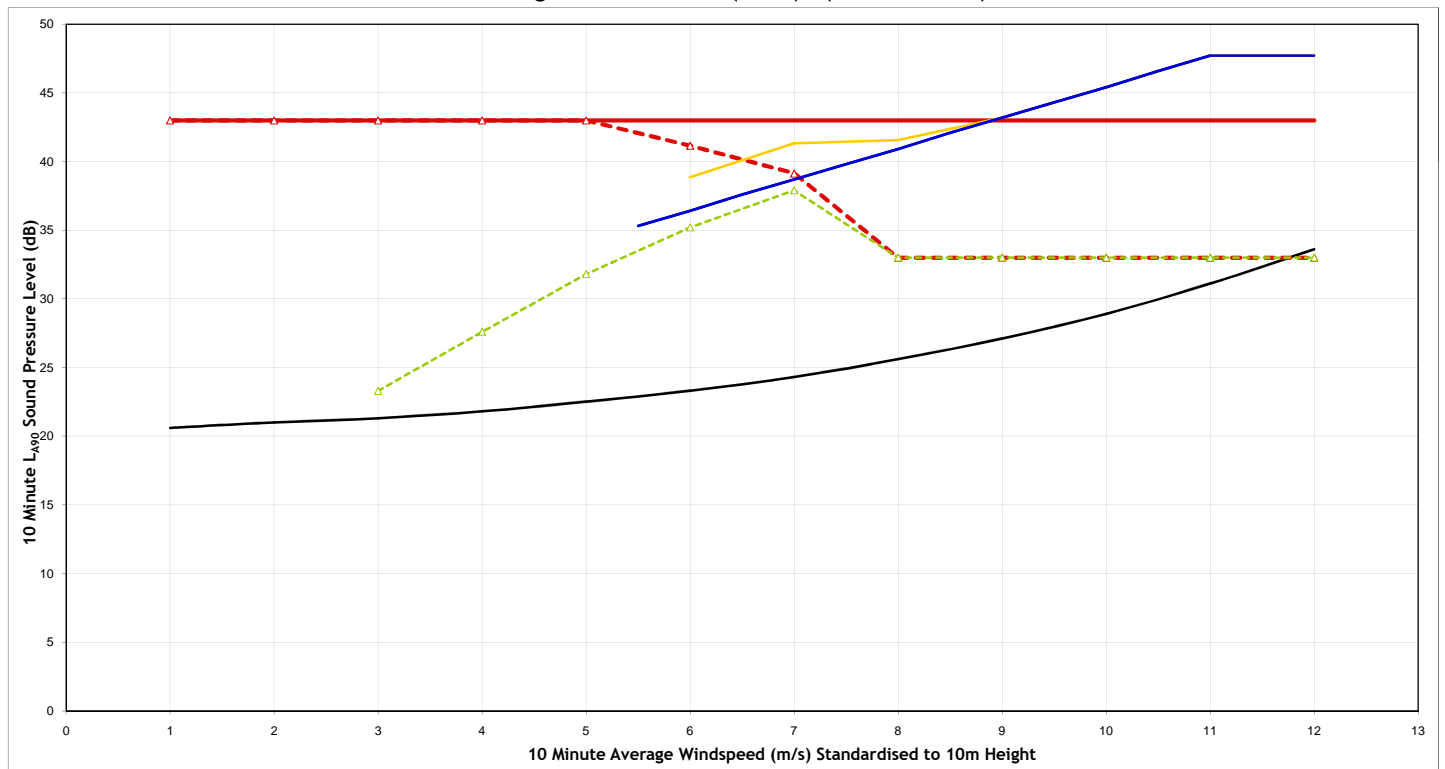
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Glenlea (NAL1) |
| Figure Number | A1.5a |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Tararet(NAL2) - (Area: Laxo 10)



Night Time - Tararet(NAL2) - (Area: Laxo 10)



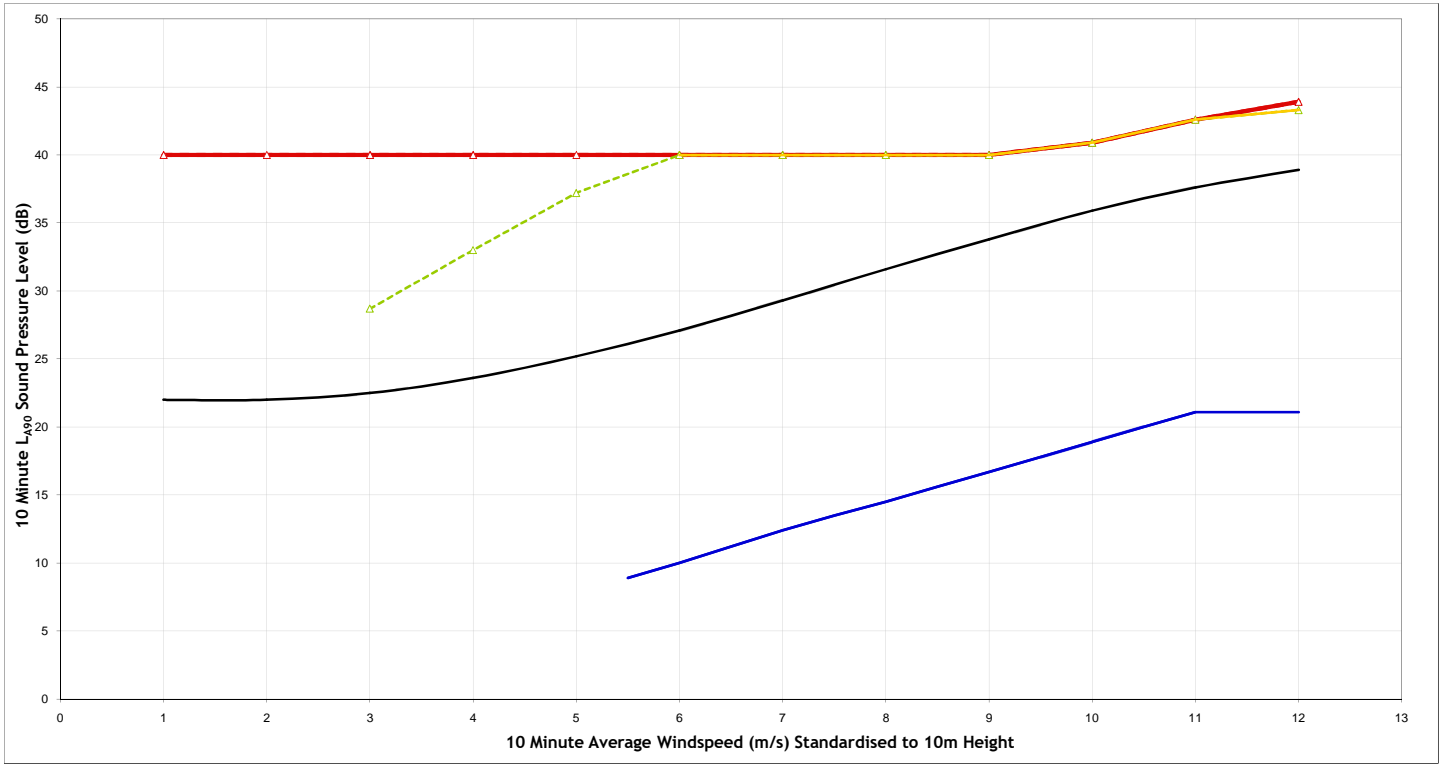
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

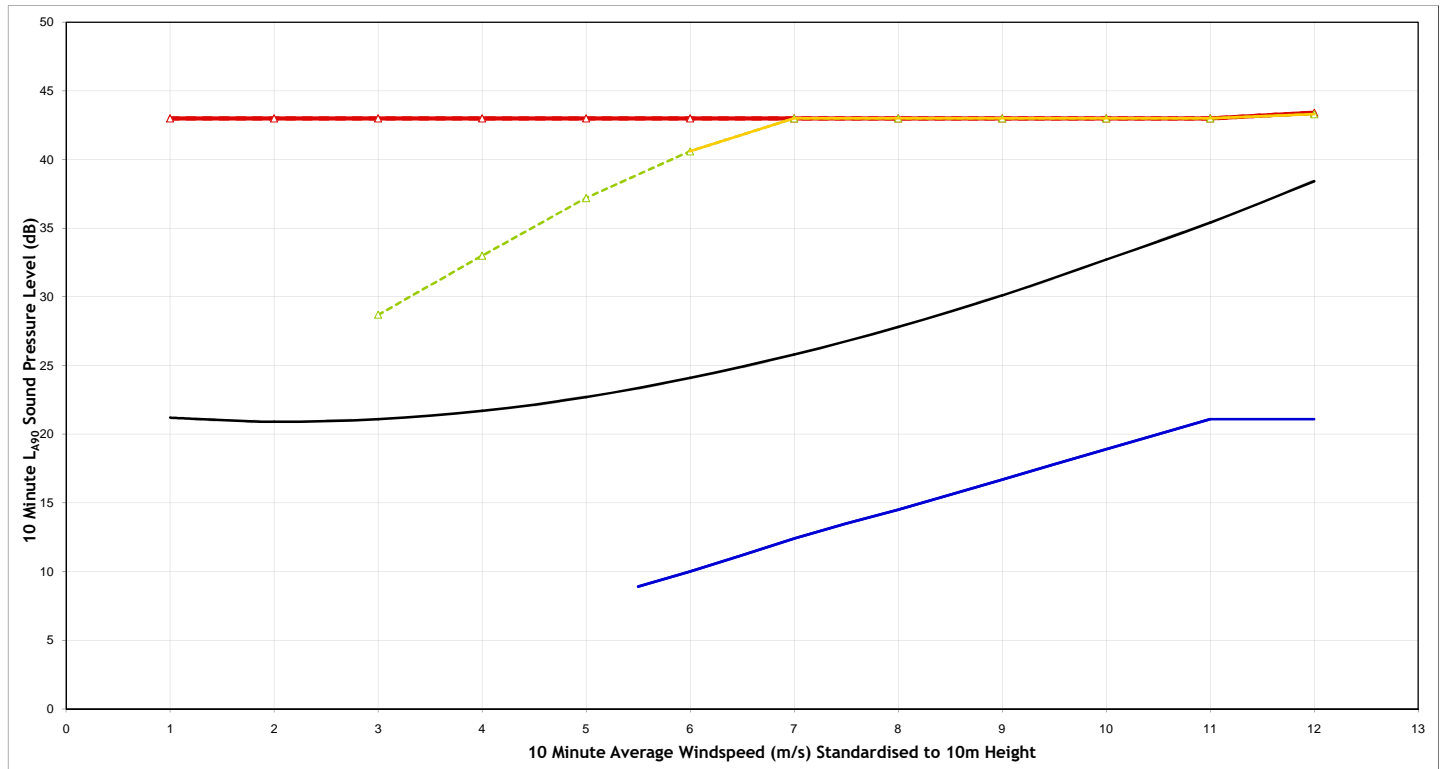
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Tararet (NAL2) |
| Figure Number | A1.5b |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Grunnafirth(NAL3) - (Area: Dury 3)



Night Time - Grunnafirth(NAL3) - (Area: Dury 3)



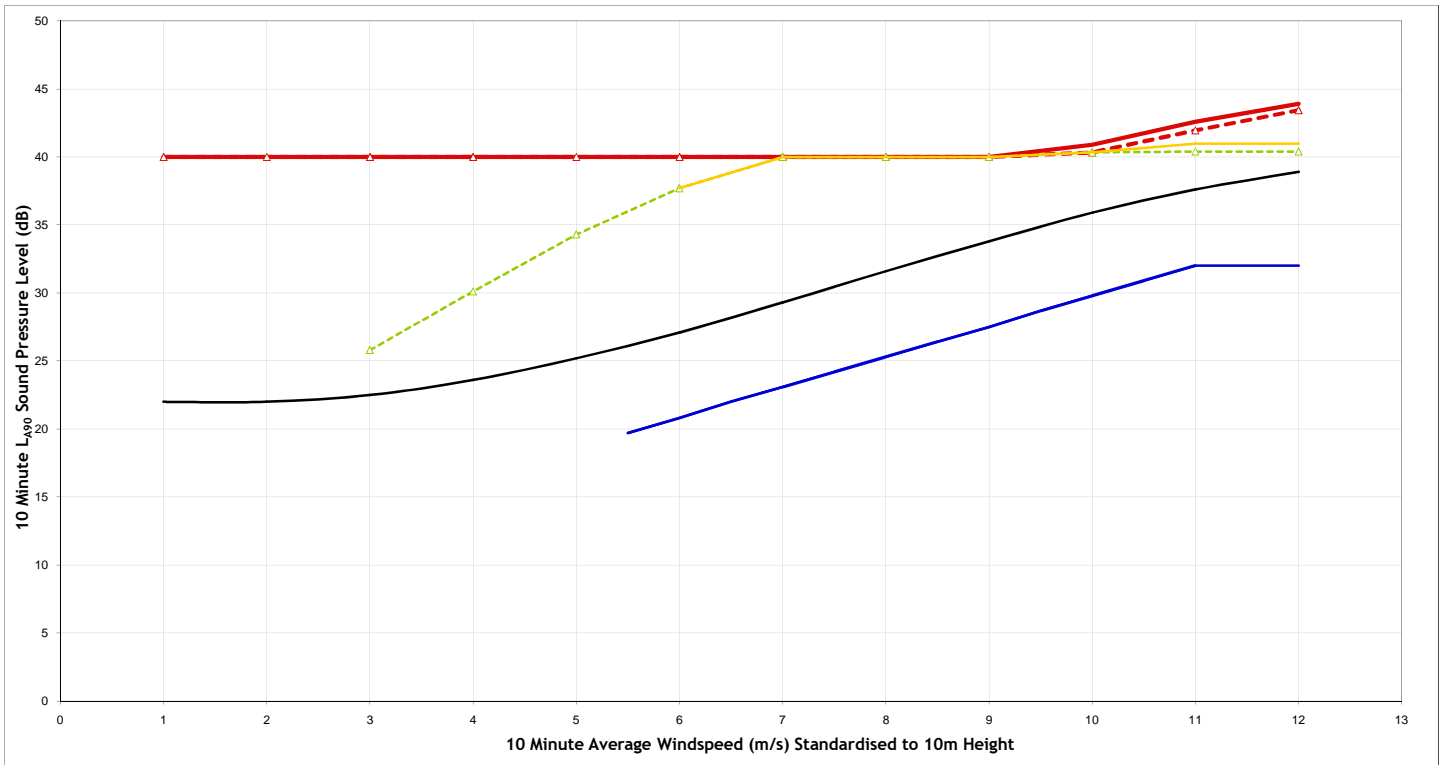
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

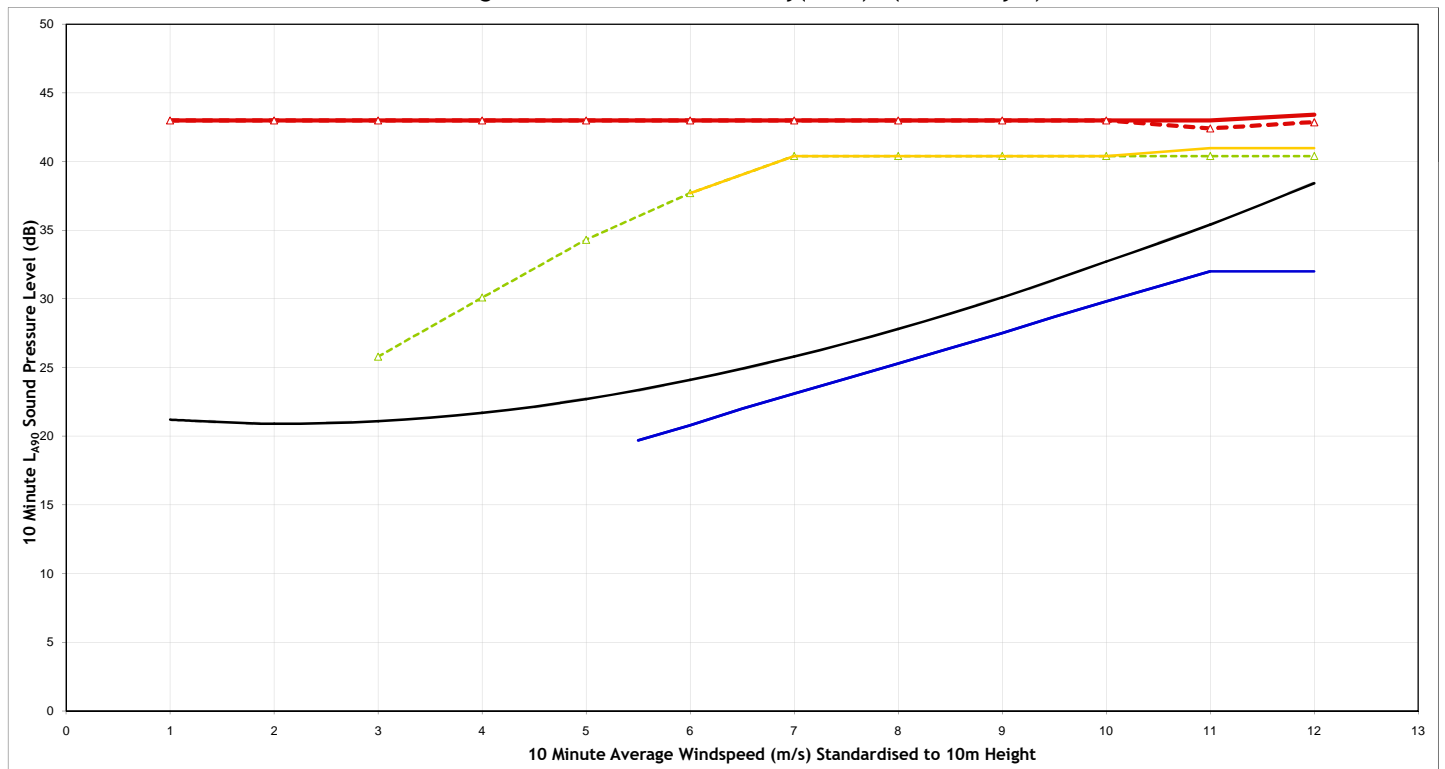
| | |
|---------------------------|--|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Grunnafirth (NAL3) |
| Figure Number | A1.5c |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - New House at Dury(NAL4) - (Area: Dury 6)



Night Time - New House at Dury(NAL4) - (Area: Dury 6)



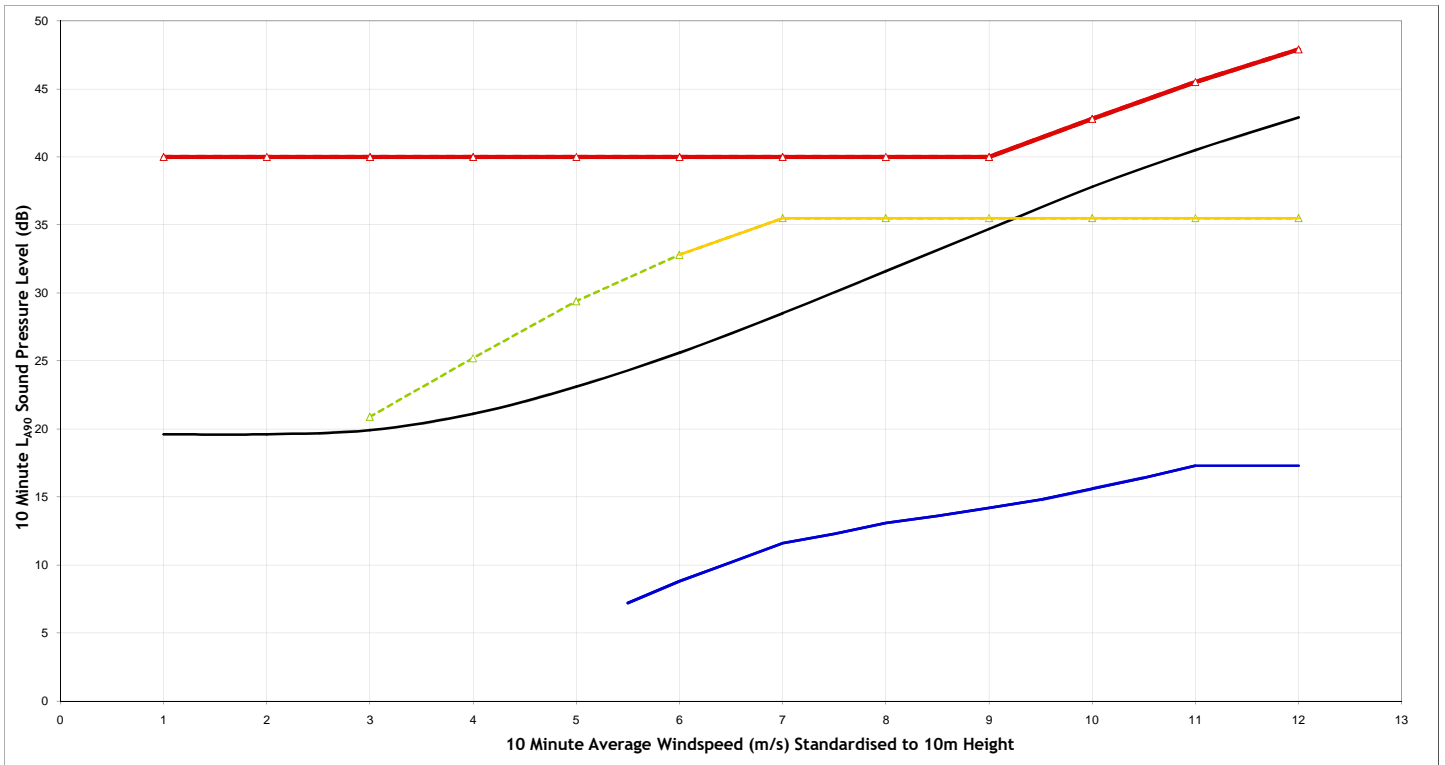
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

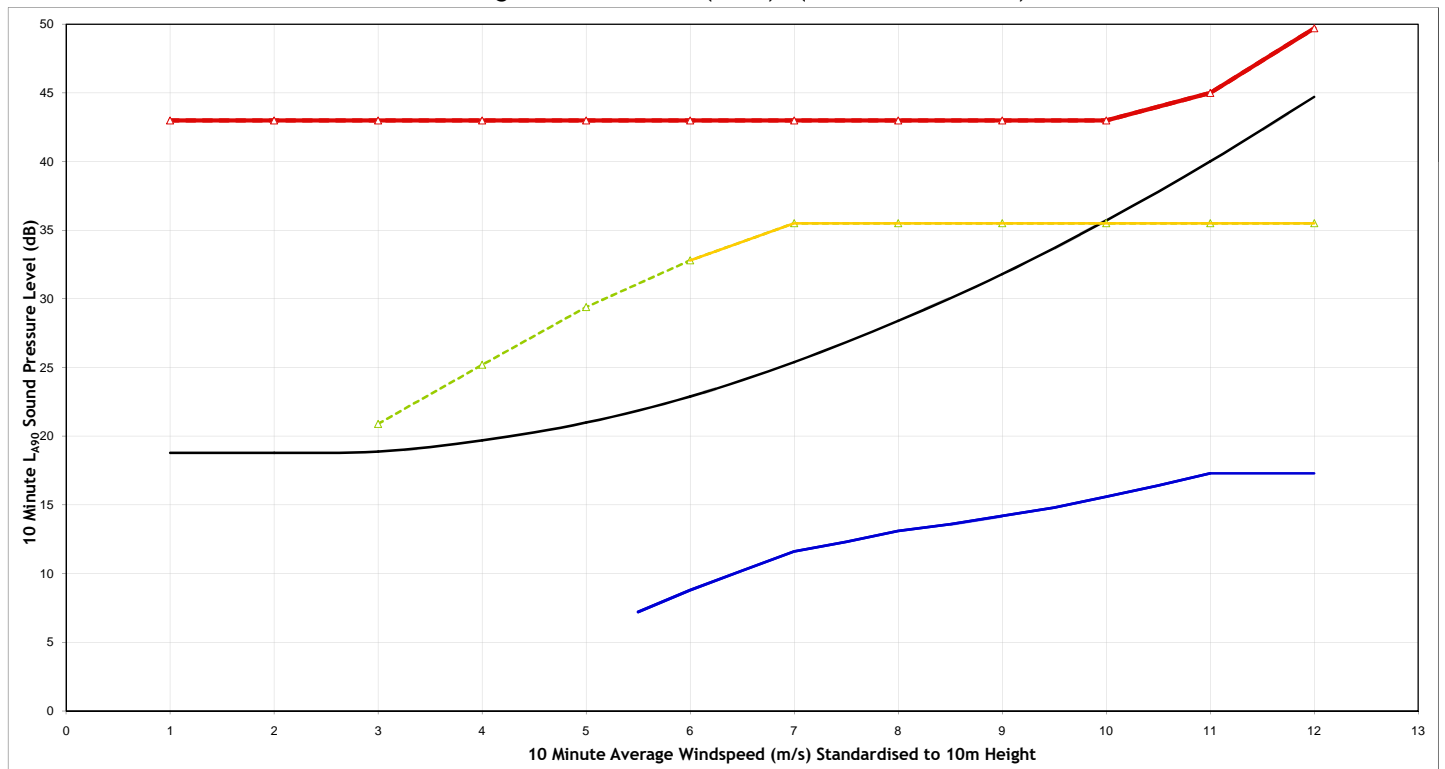
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | New House at Dury (NAL4) |
| Figure Number | A1.5d |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Hamelea(NAL5) - (Area: Brettabister 1)



Night Time - Hamelea(NAL5) - (Area: Brettabister 1)



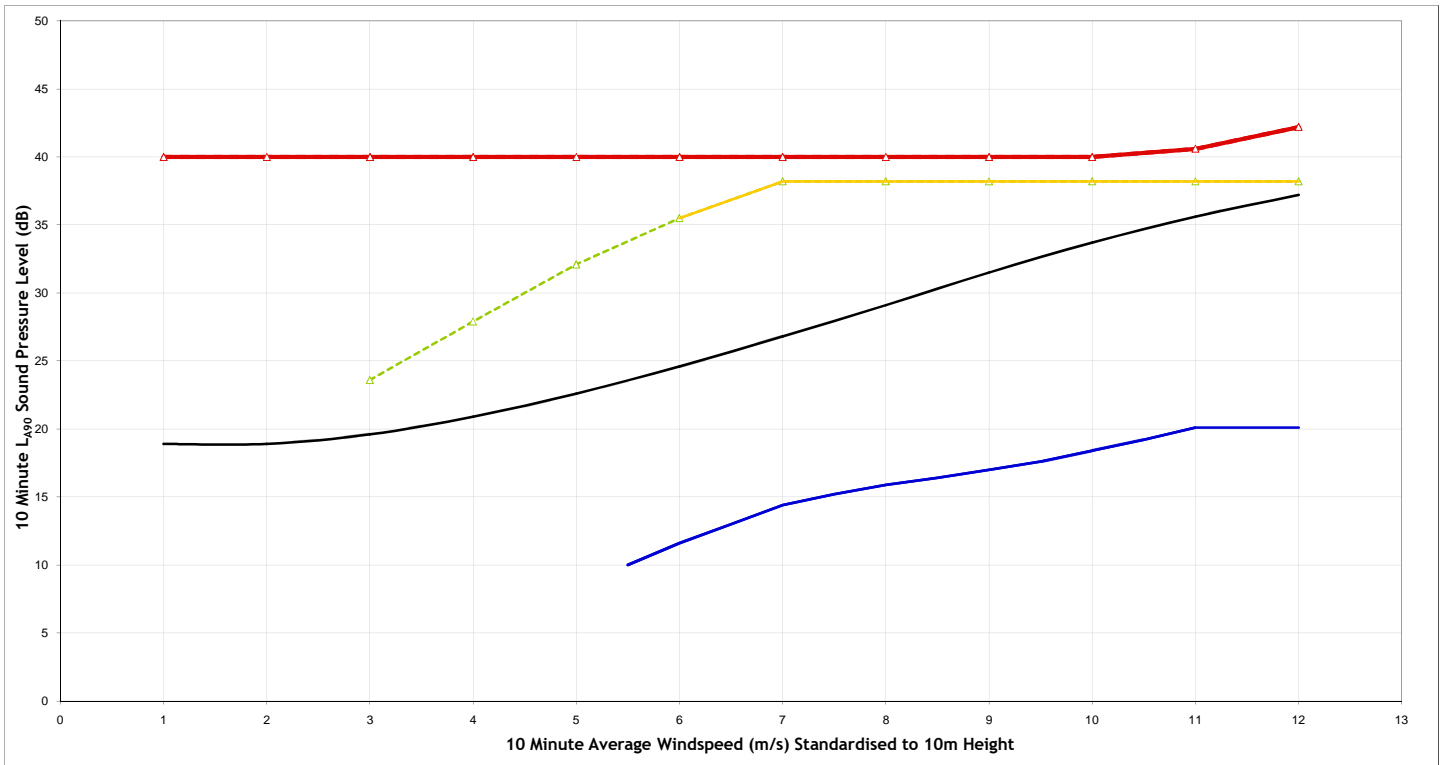
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

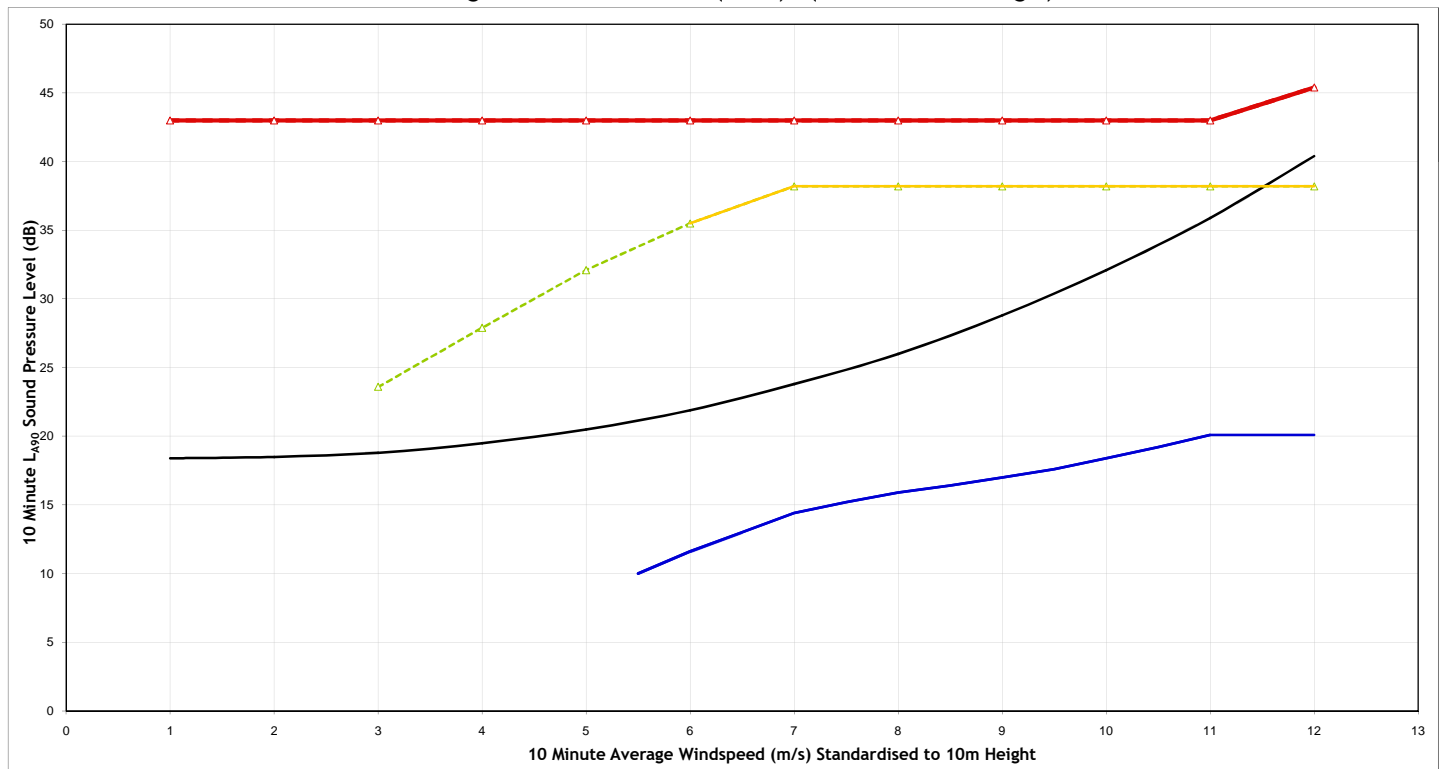
| | |
|--------------------|------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Hamelea (NAL5) |
| Figure Number | A1.5e |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Whinnia Lee(NAL6) - (Area: South Newing 5)



Night Time - Whinnia Lee(NAL6) - (Area: South Newing 5)



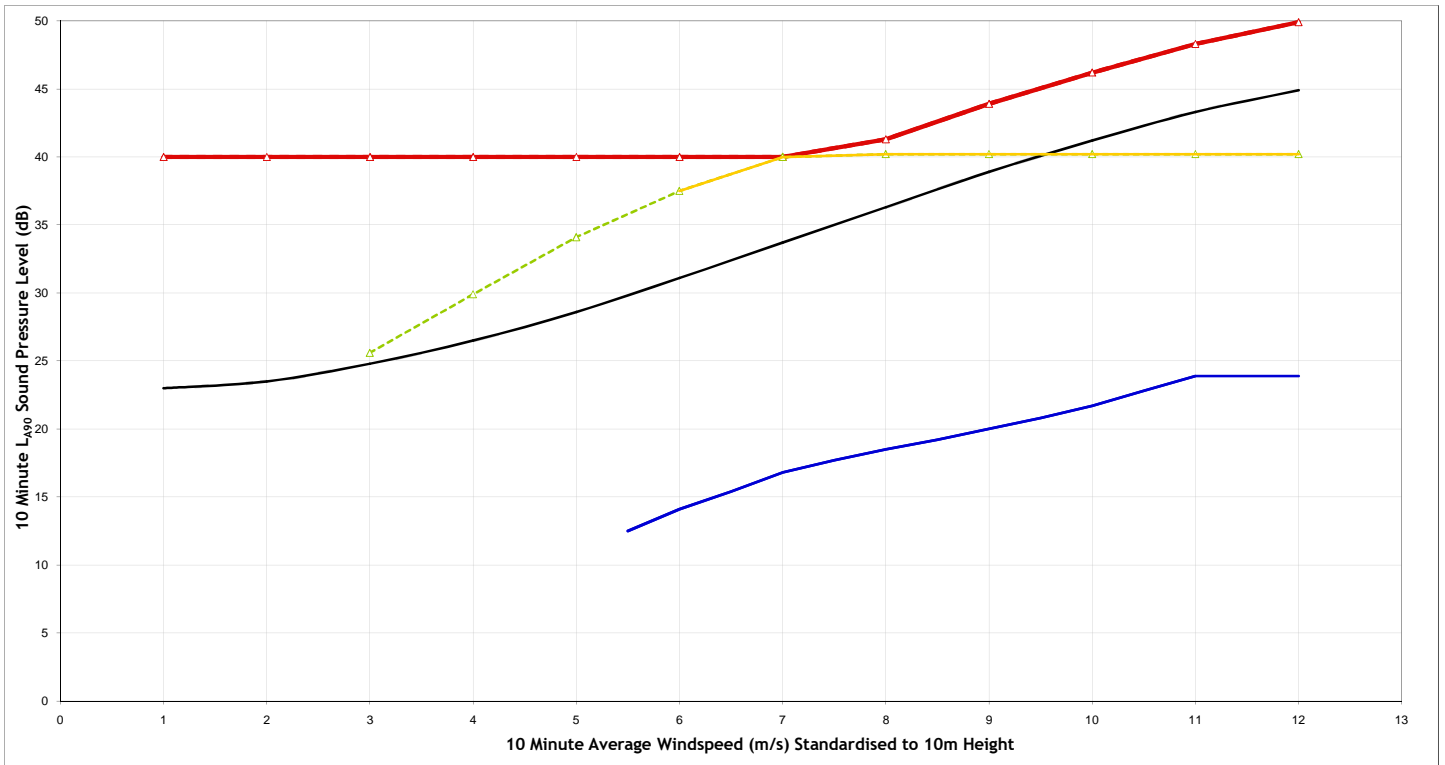
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

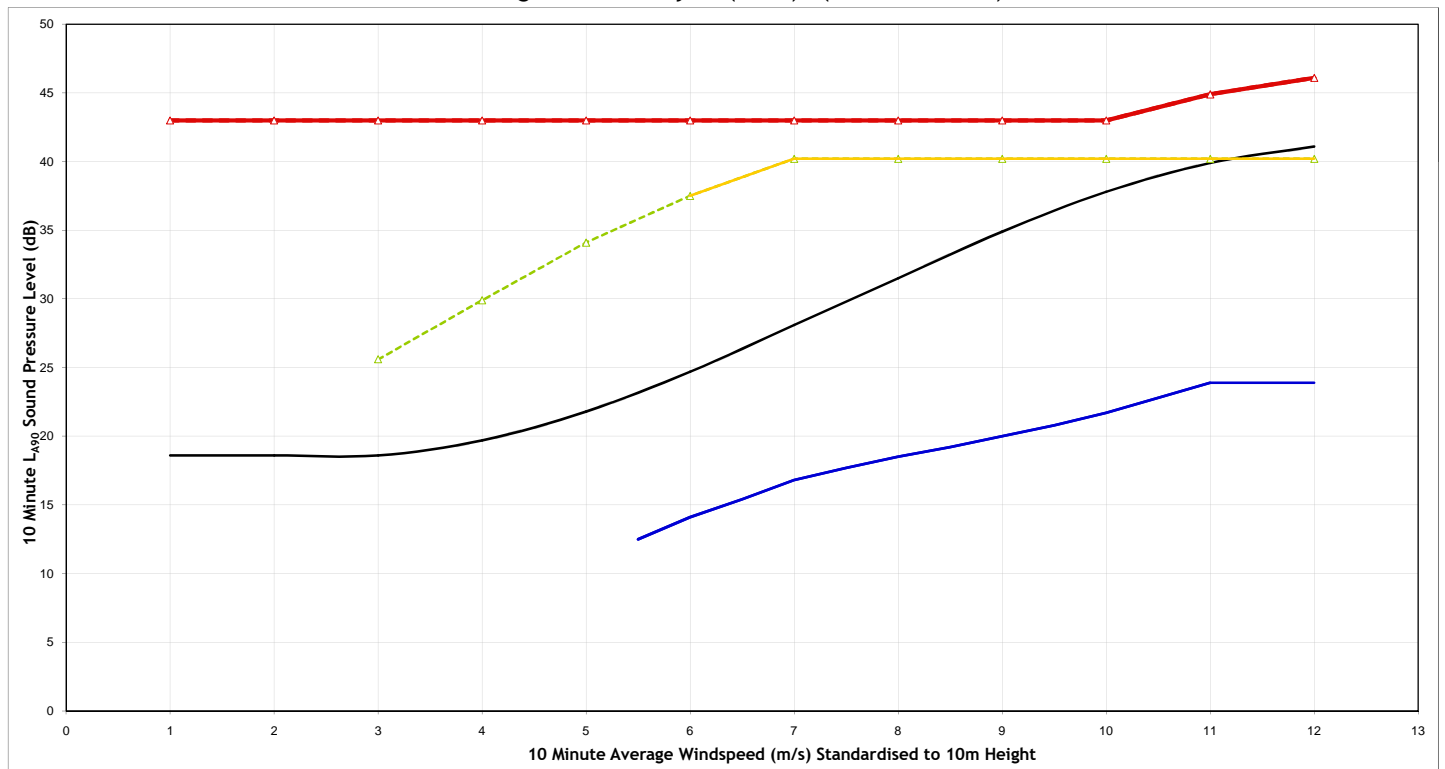
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Whinnia Lee (NAL6) |
| Figure Number | A1.5f |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Hollydell(NAL7) - (Area: Catfirth 9)



Night Time - Hollydell(NAL7) - (Area: Catfirth 9)



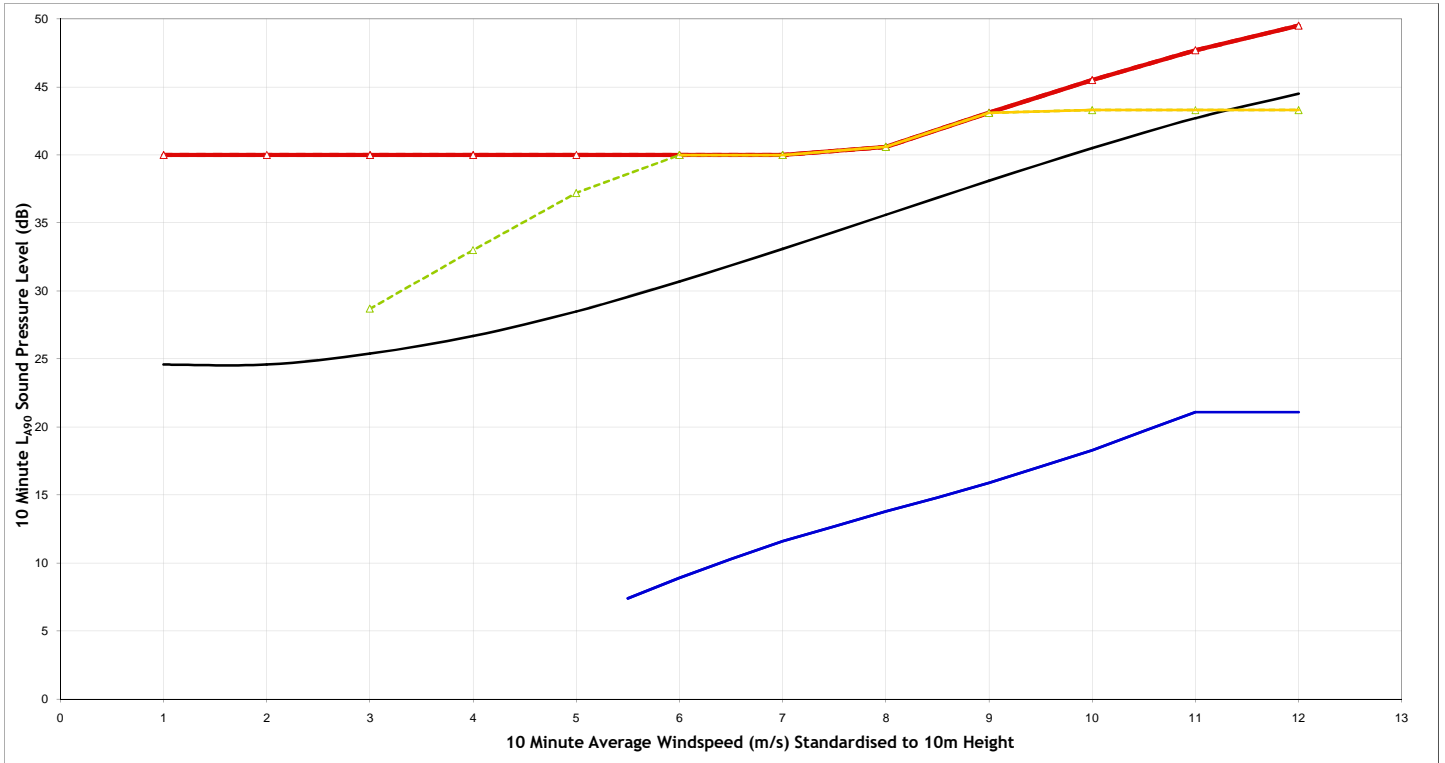
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

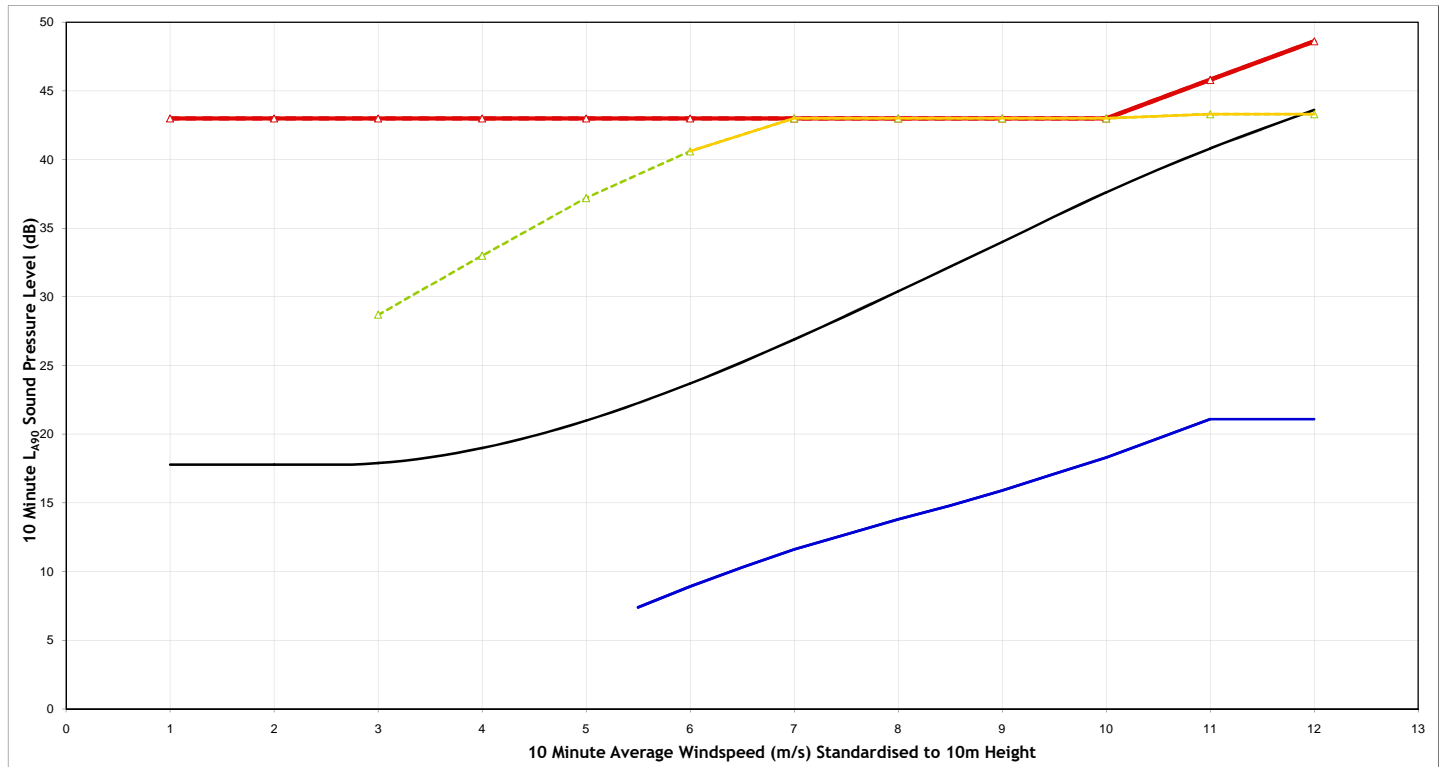
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Hollydell (NAL7) |
| Figure Number | A1.5g |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Sandwater(NAL8) - (Area: Sandwater 1)



Night Time - Sandwater(NAL8) - (Area: Sandwater 1)



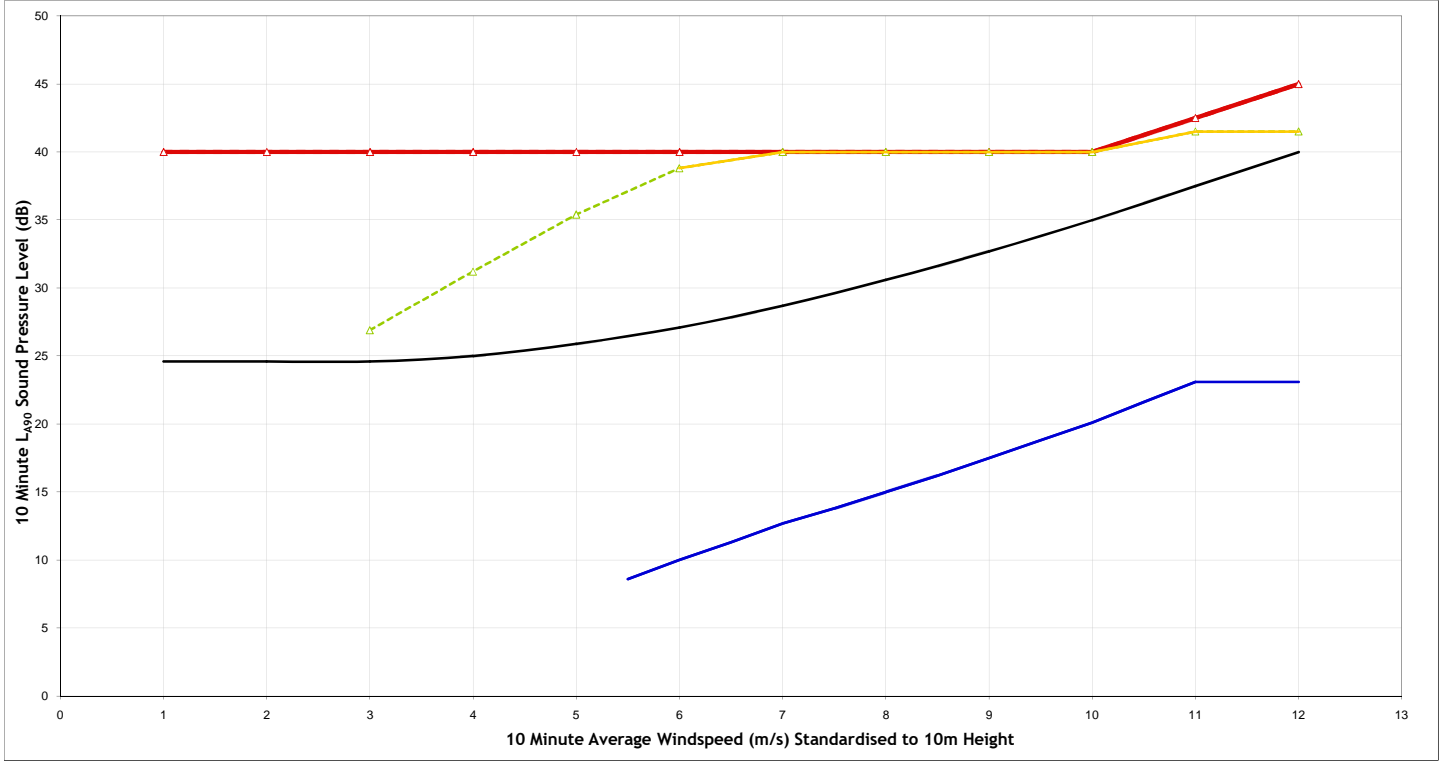
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

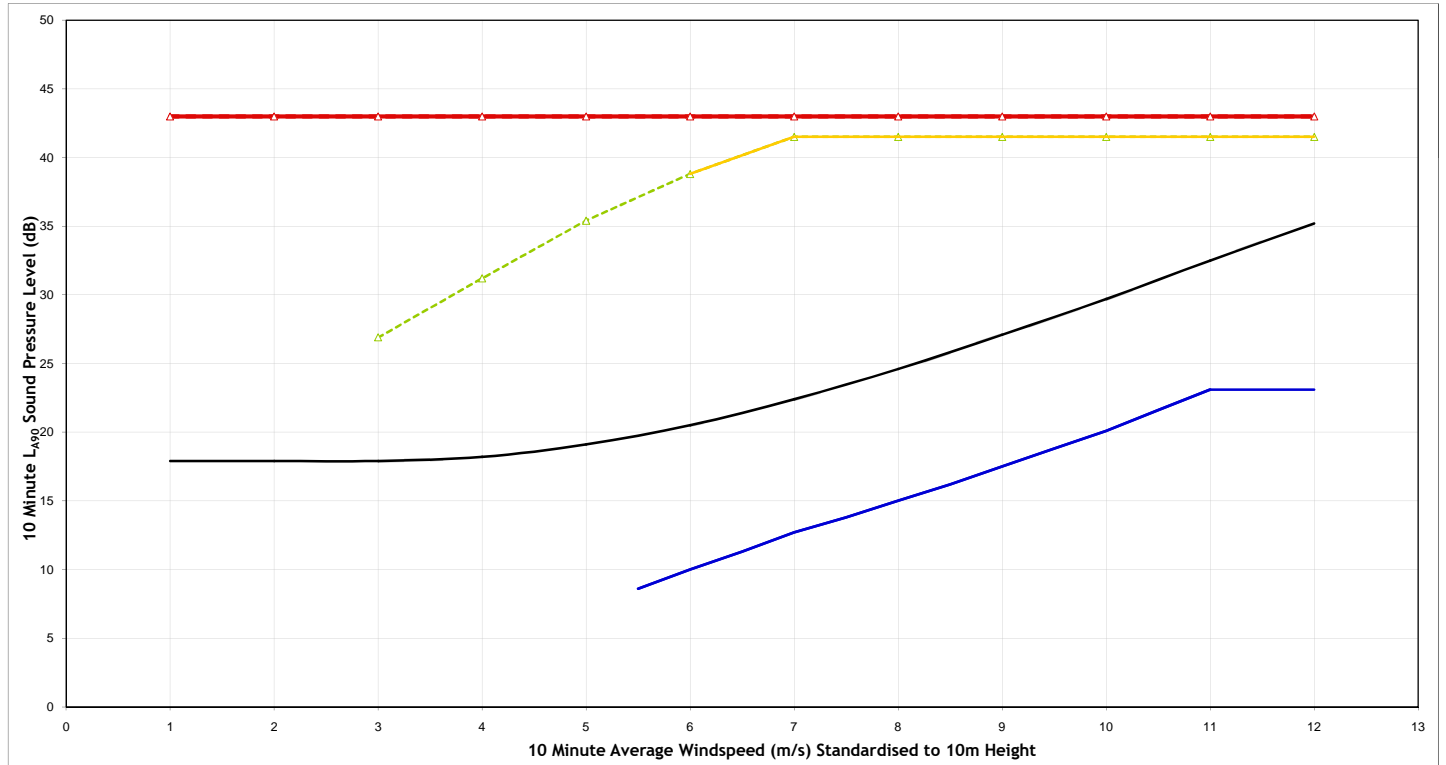
| | |
|---------------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Sandwater (NAL8) |
| Figure Number | A1.5h |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Setter House(NAL9) - (Area: Setter Weisdale Heglibister 1)



Night Time - Setter House(NAL9) - (Area: Setter Weisdale Heglibister 1)



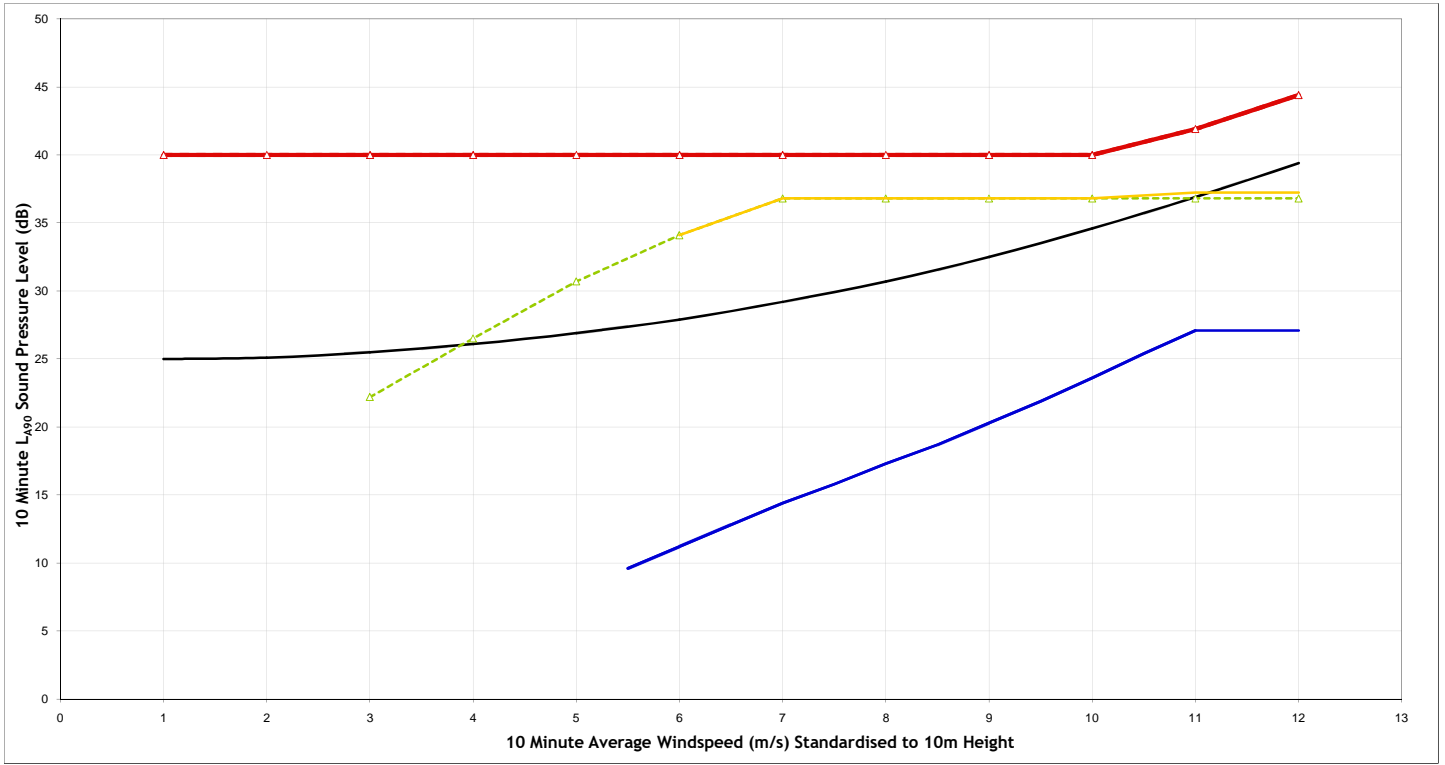
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

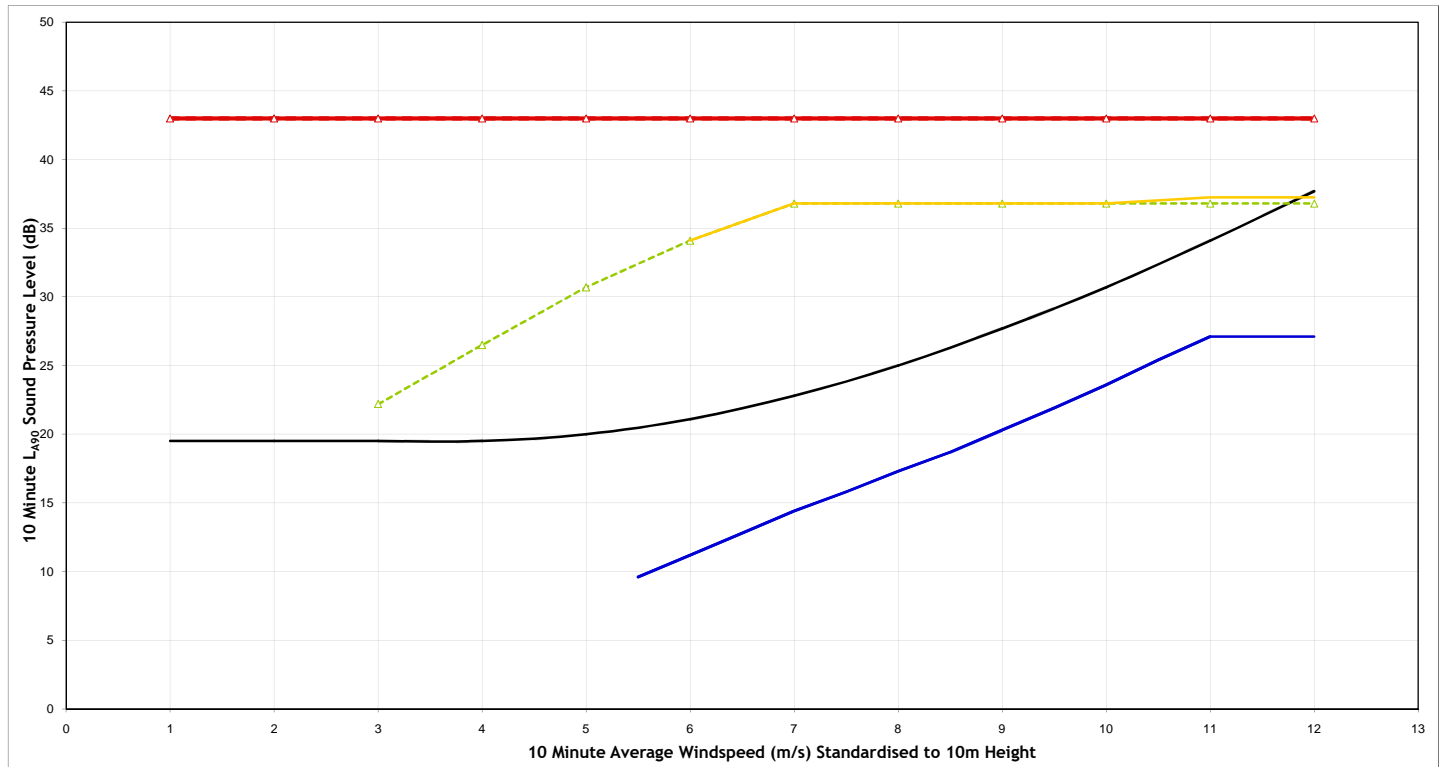
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Setter House (NAL9) |
| Figure Number | A1.5i |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Millhouse(NAL10) - (Area: Setter Weisdale Heglibister 23)



Night Time - Millhouse(NAL10) - (Area: Setter Weisdale Heglibister 23)



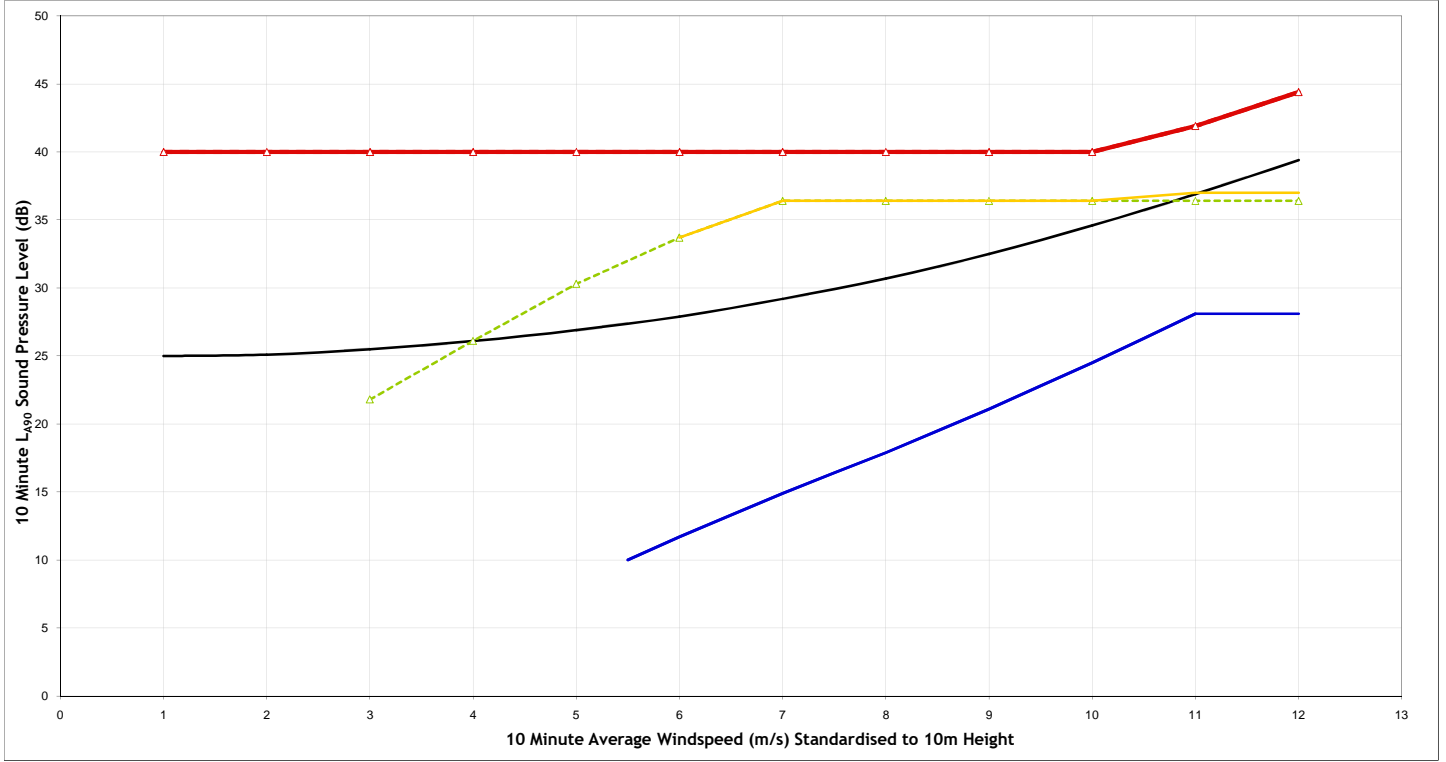
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

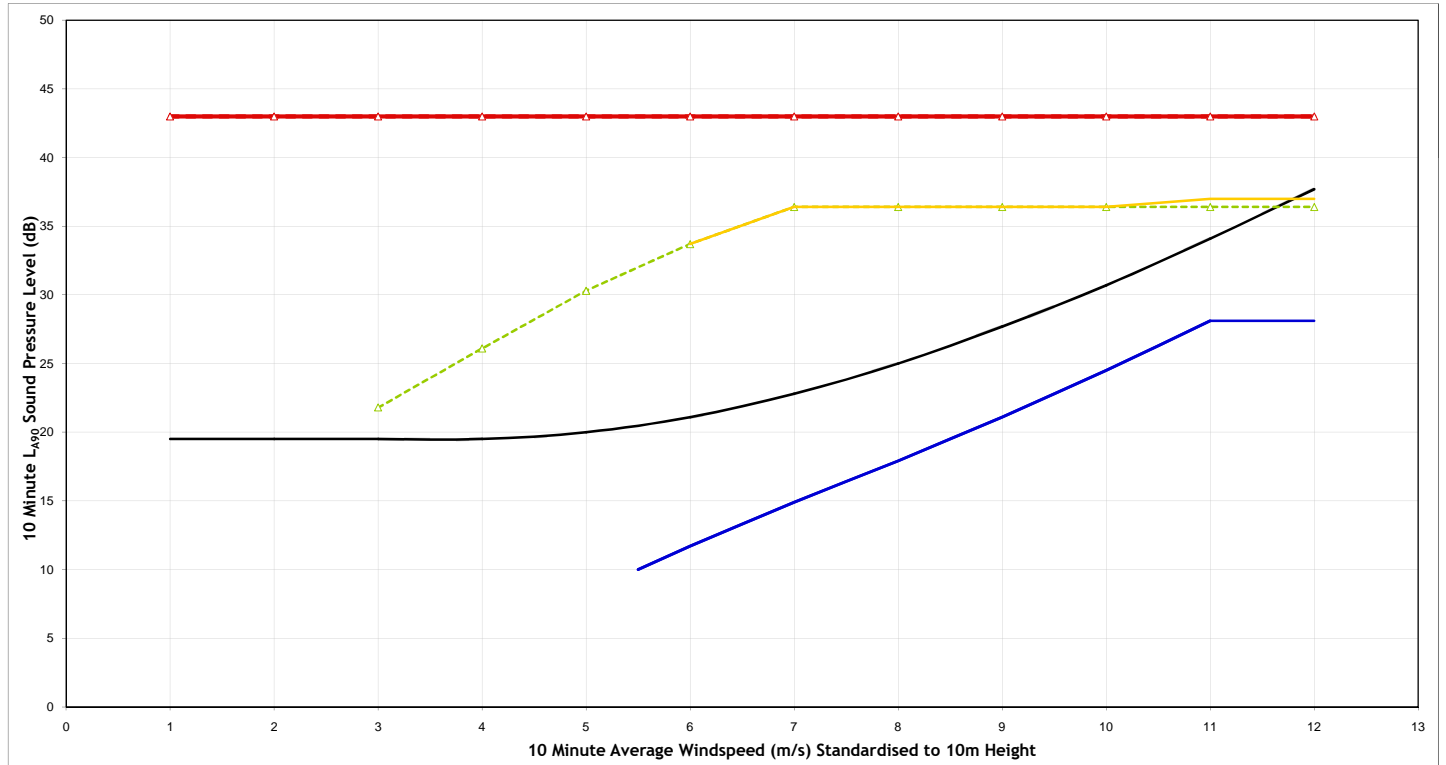
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Millhouse (NAL10) |
| Figure Number | A1.5j |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Koopins(NAL11) - (Area: Setter Weisdale Heglibister 38)



Night Time - Koopins(NAL11) - (Area: Setter Weisdale Heglibister 38)



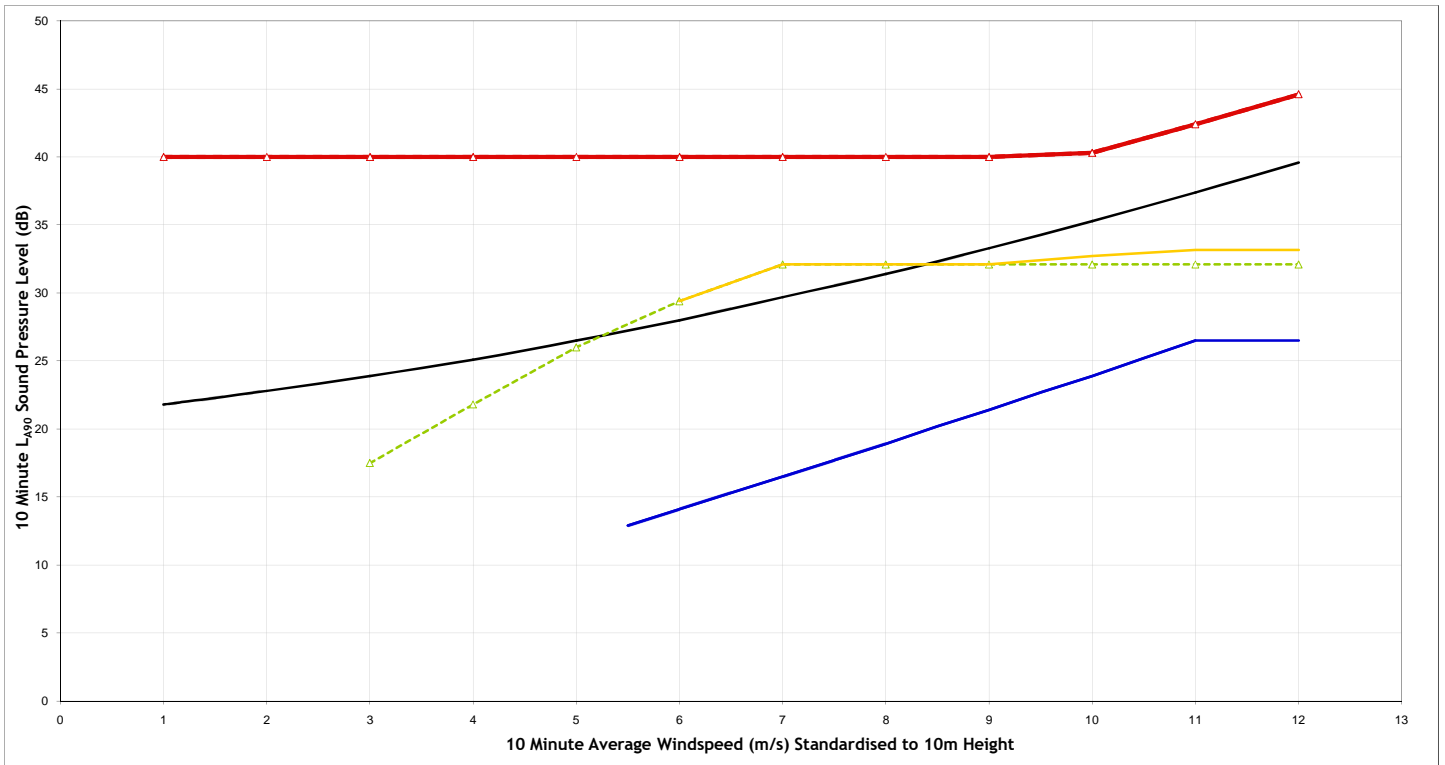
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

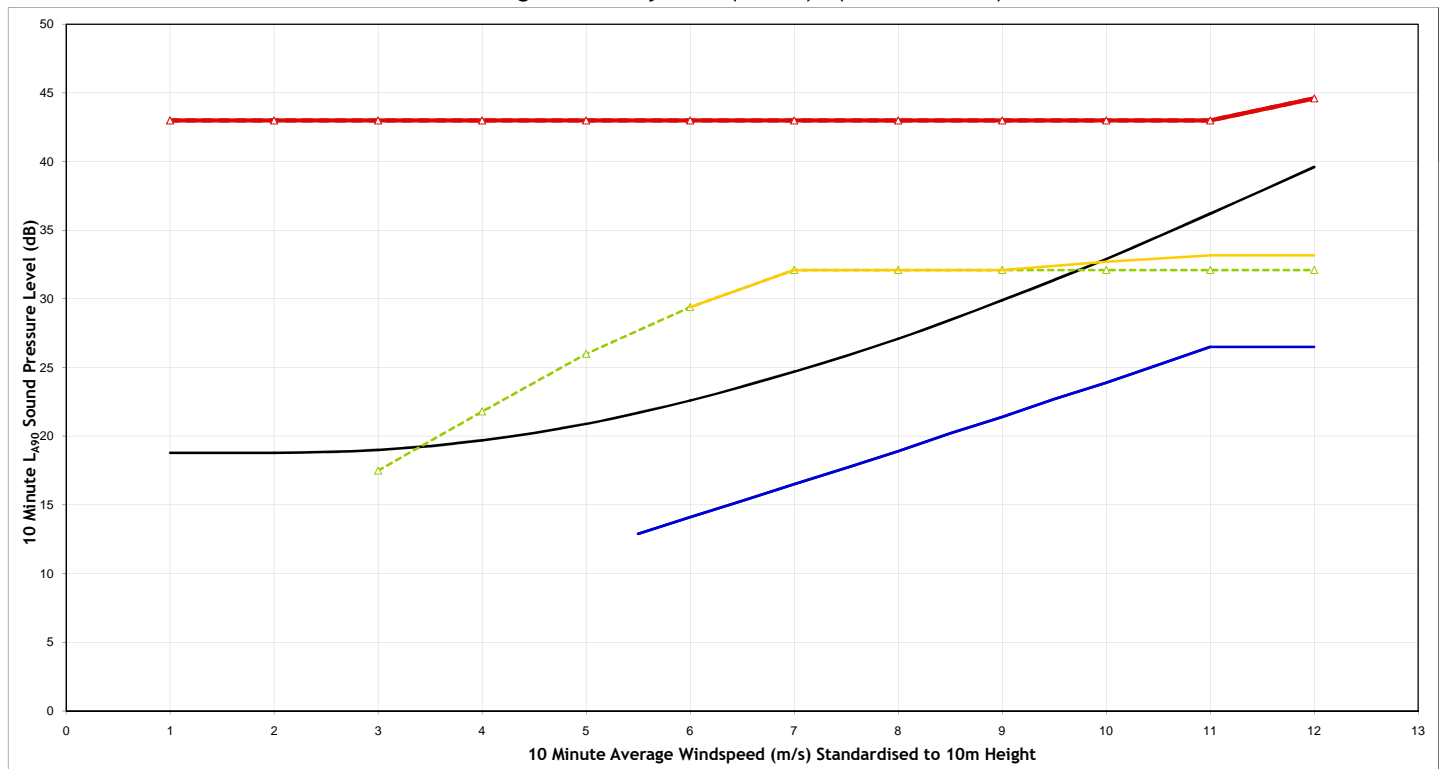
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Koopins (NAL11) |
| Figure Number | A1.5k |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Dykeside(NAL12) - (Area: Tresta 3)



Night Time - Dykeside(NAL12) - (Area: Tresta 3)



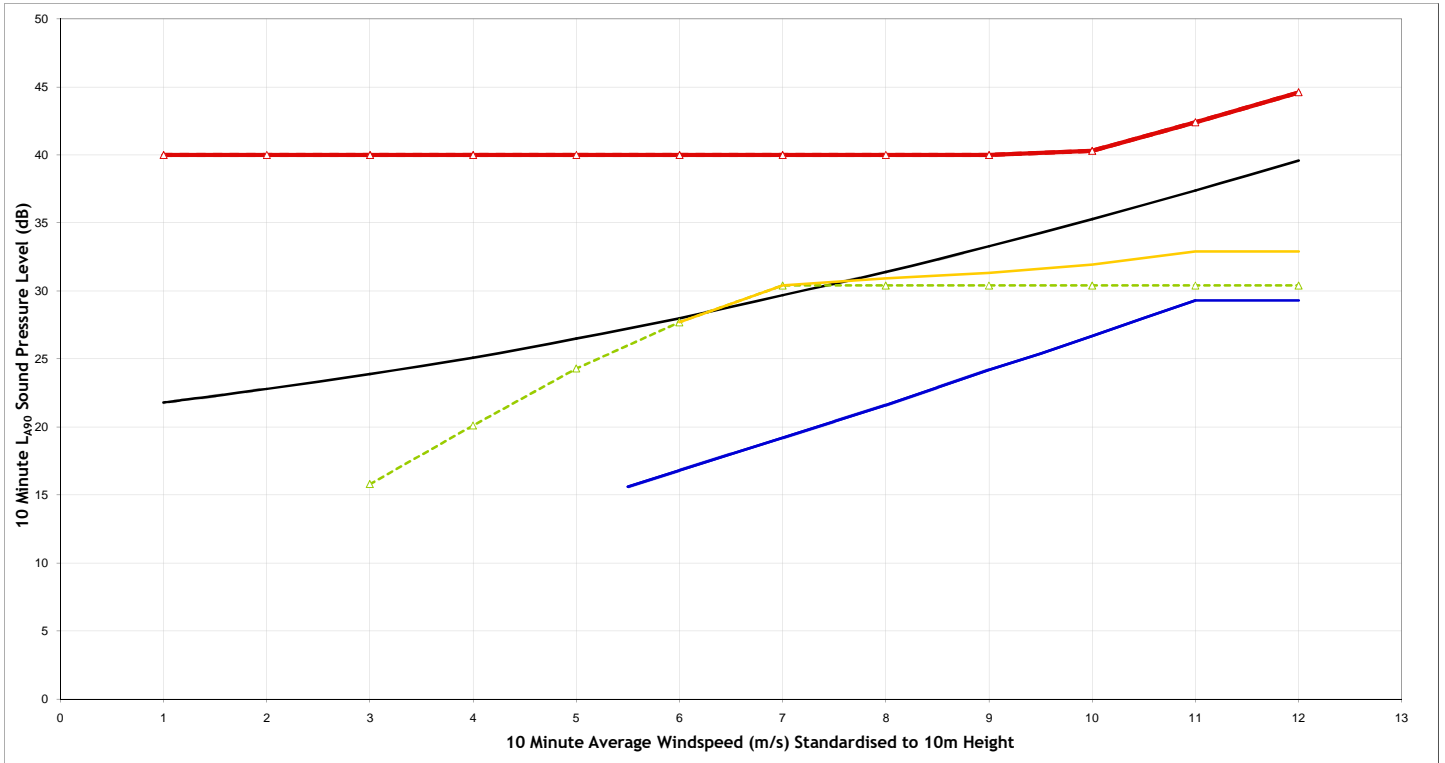
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

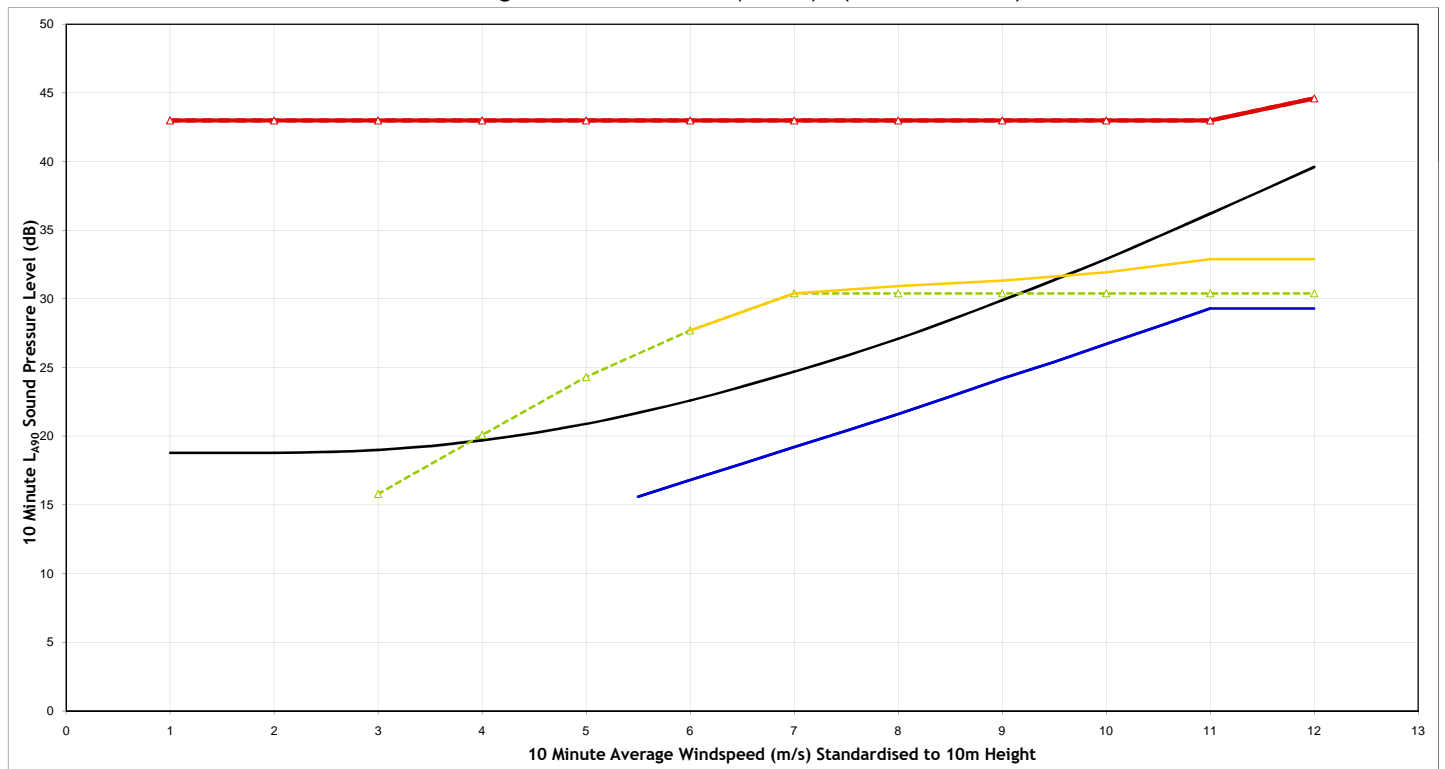
| | |
|--------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Dykeside (NAL12) |
| Figure Number | A1.5L |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Breckenlea(NAL13) - (Area: Tresta 17)



Night Time - Breckenlea(NAL13) - (Area: Tresta 17)



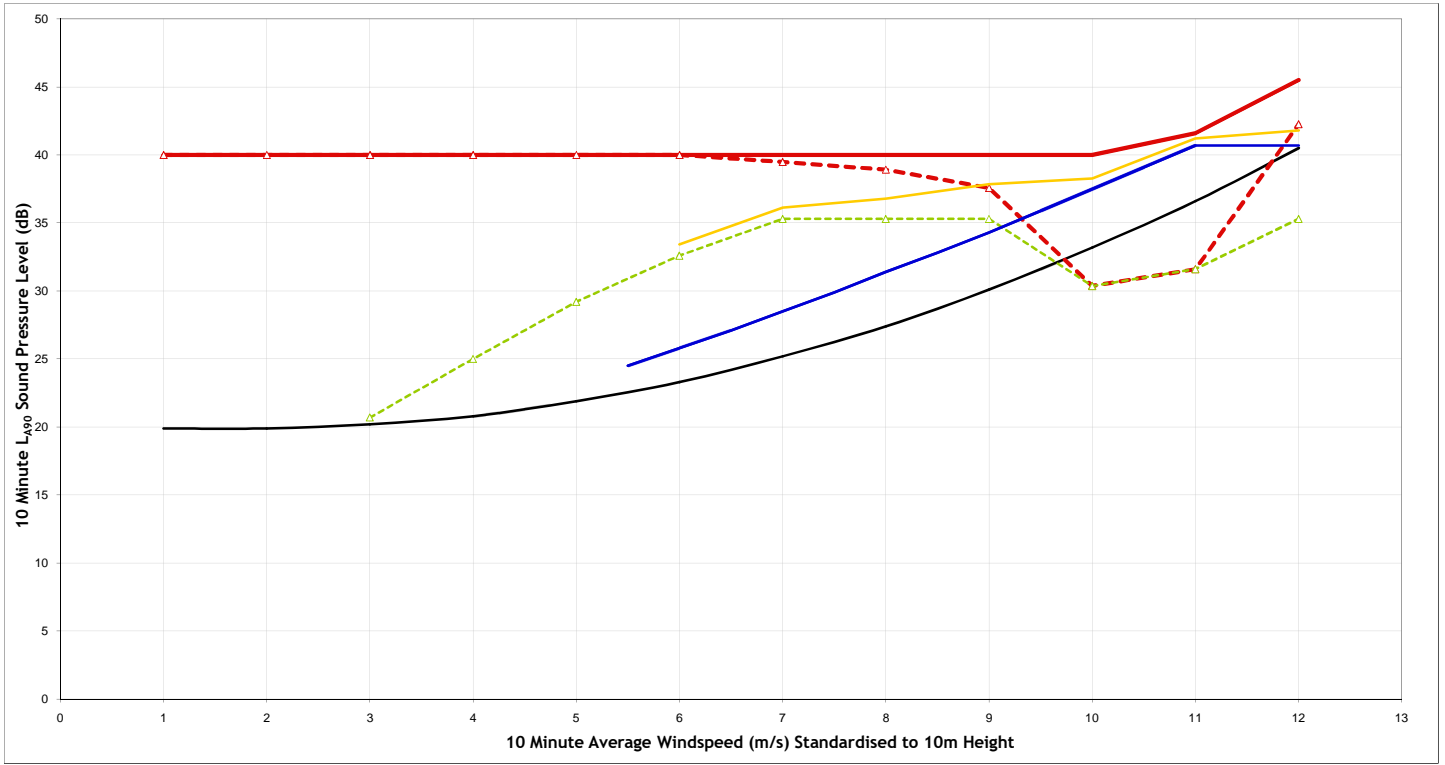
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

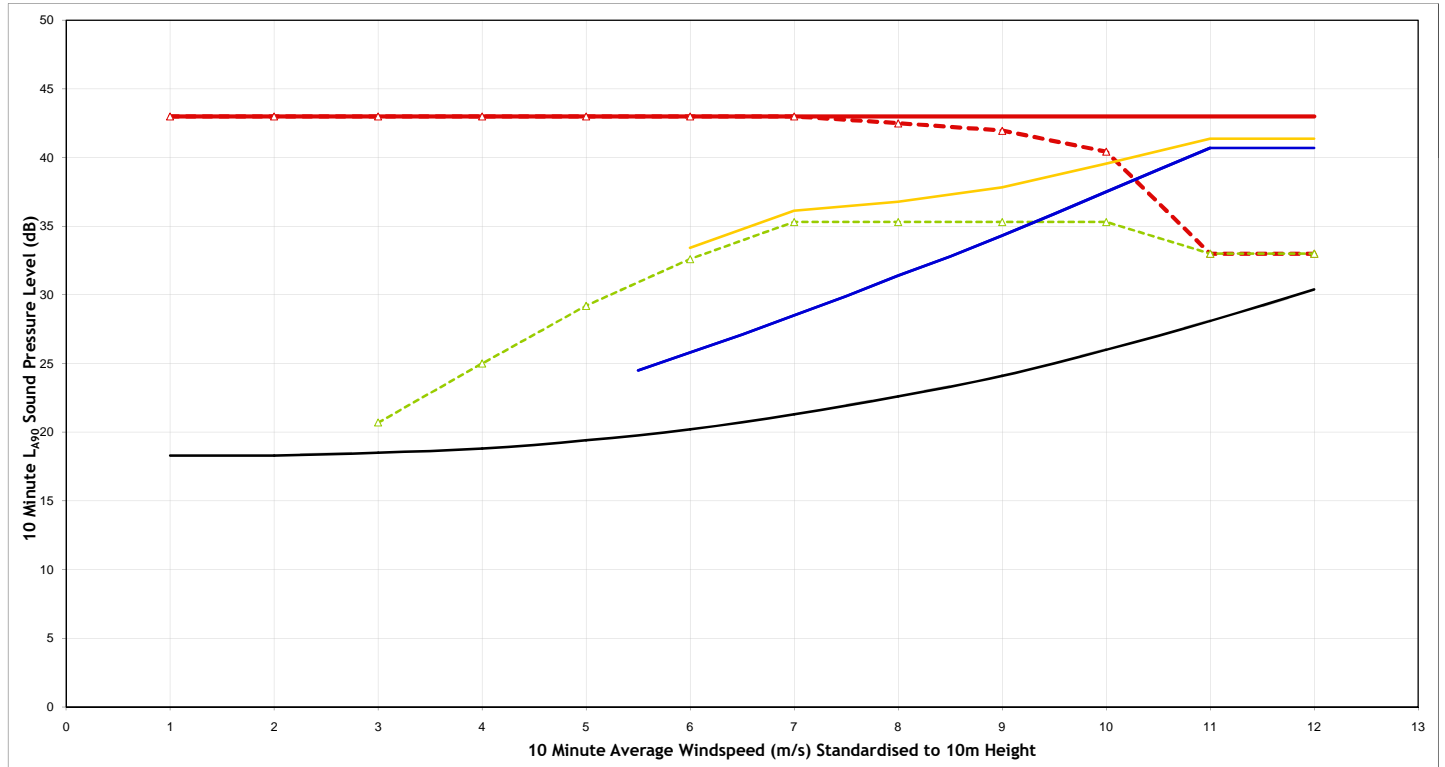
| | |
|--------------------|--|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Breckenlea (NAL13) |
| Figure Number | A1.5m |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Gruids(NAL14) - (Area: Houlland 7)



Night Time - Gruids(NAL14) - (Area: Houlland 7)



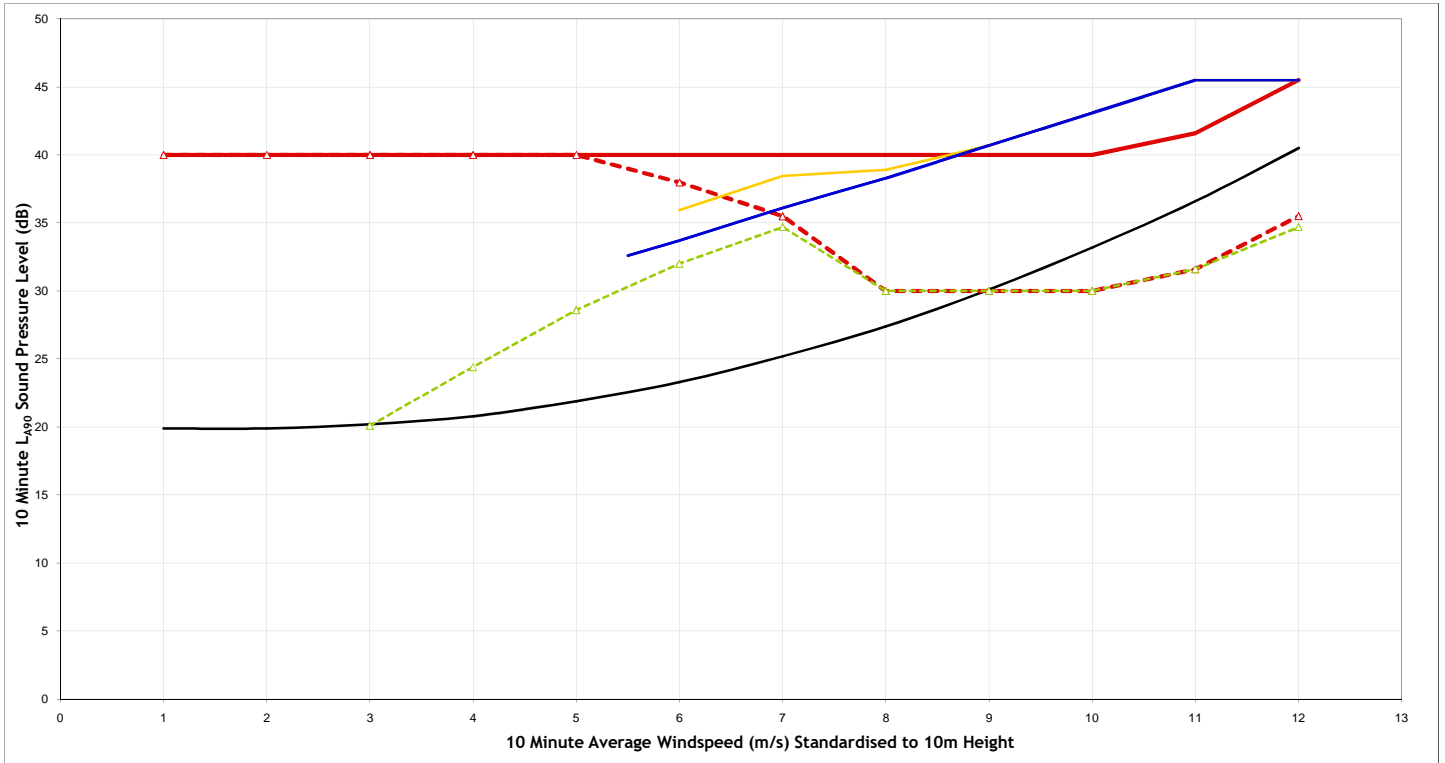
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

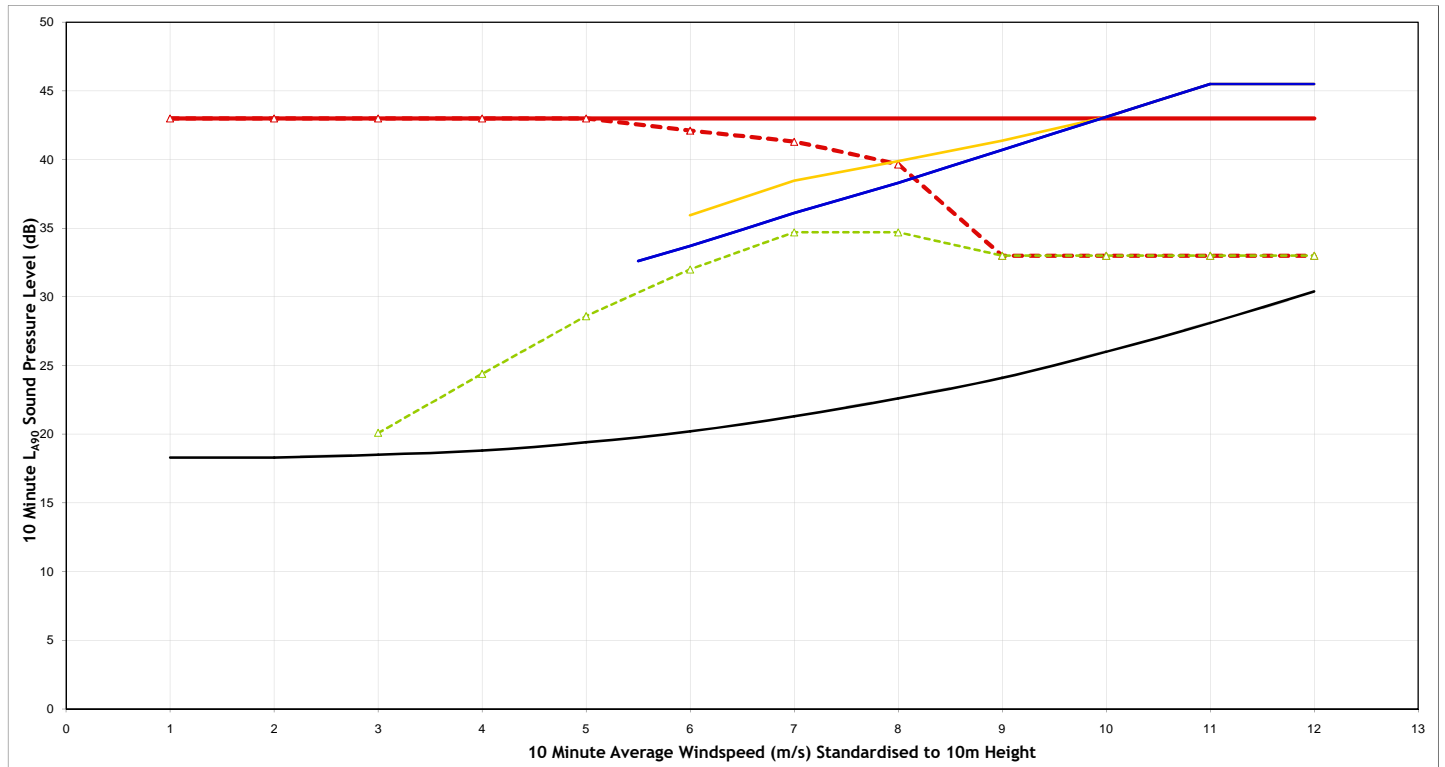
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Gruids (NAL14) |
| Figure Number | A1.5n |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Mid Town(NAL15) - (Area: Houlland 9)



Night Time - Mid Town(NAL15) - (Area: Houlland 9)



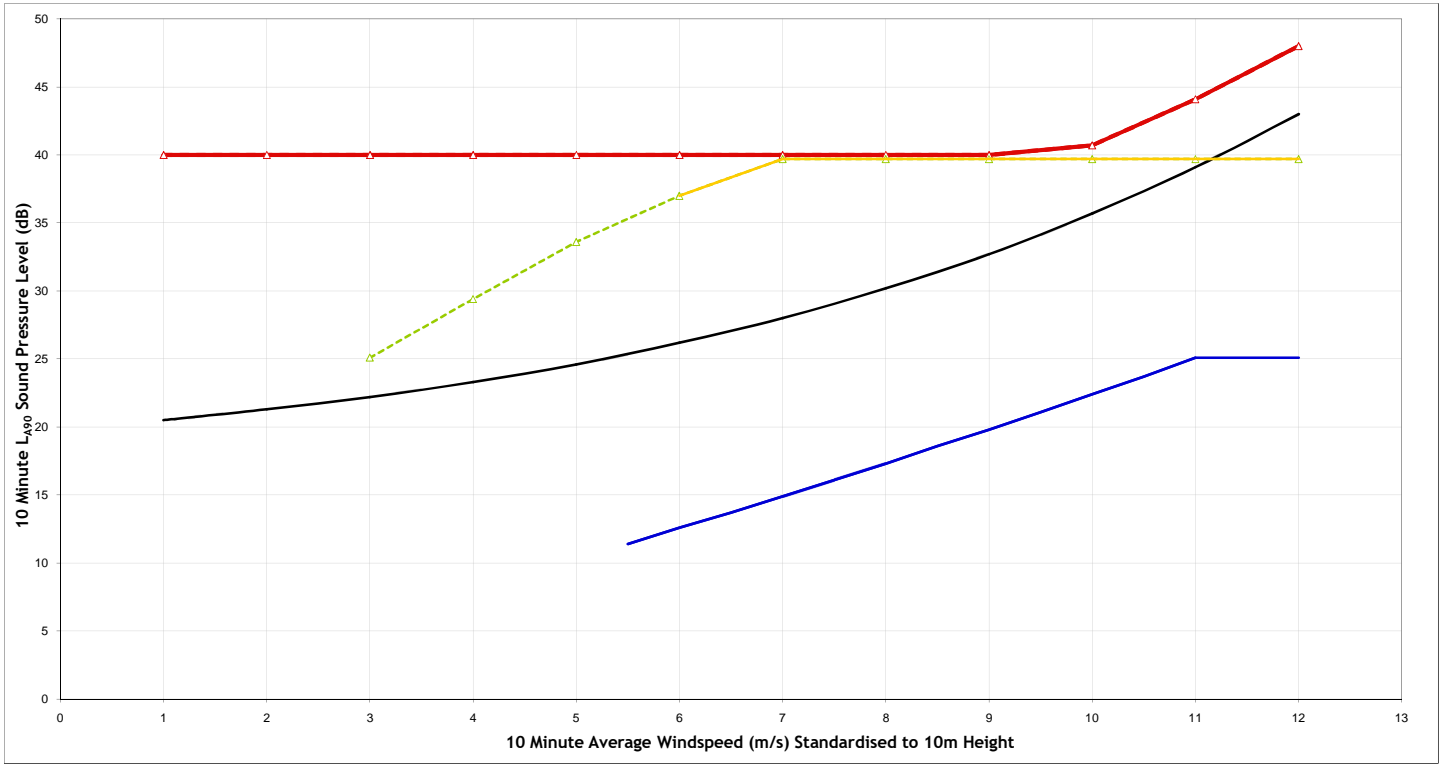
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

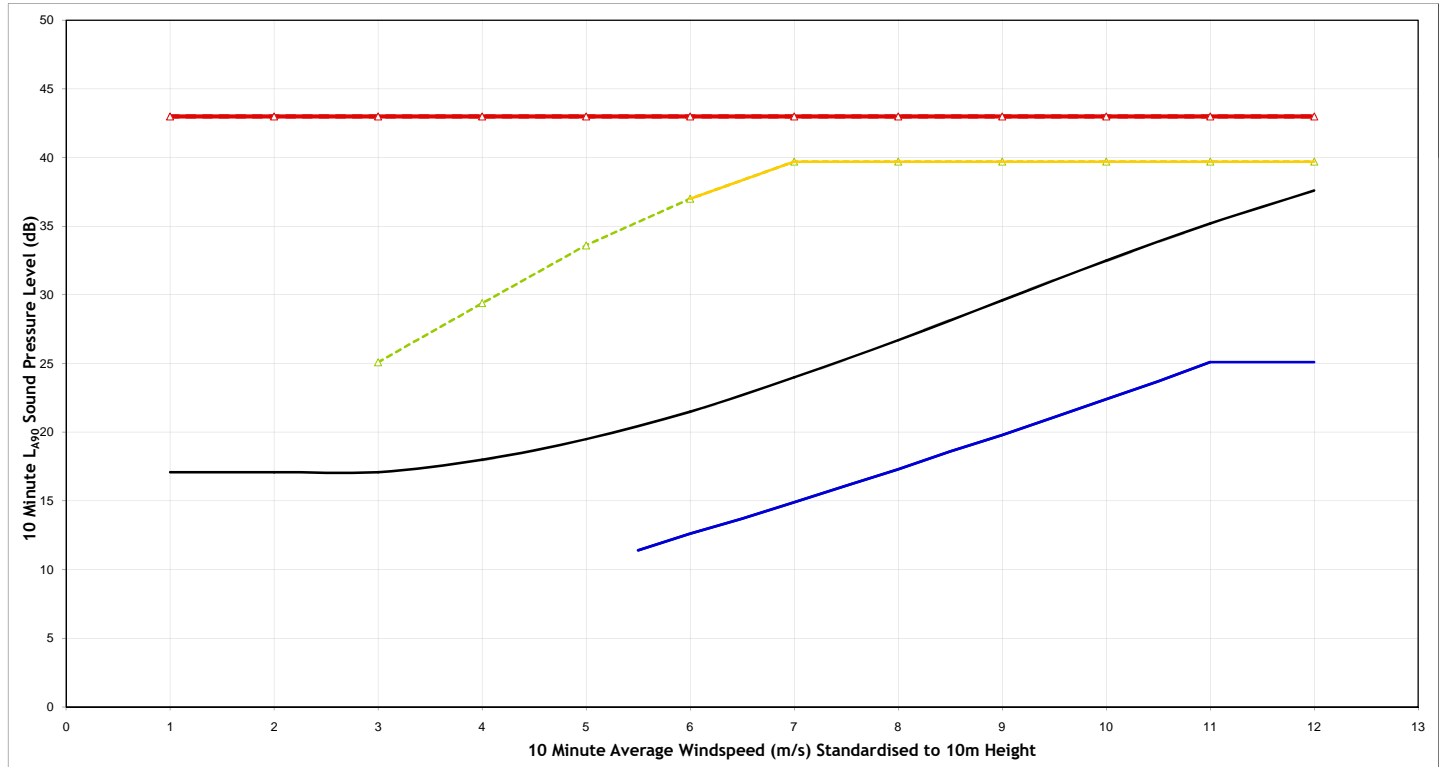
| | |
|---------------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Mid Town (NAL15) |
| Figure Number | A1.5o |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Valhalla(NAL16) - (Area: East Burrafirth & Aith 1)



Night Time - Valhalla(NAL16) - (Area: East Burrafirth & Aith 1)



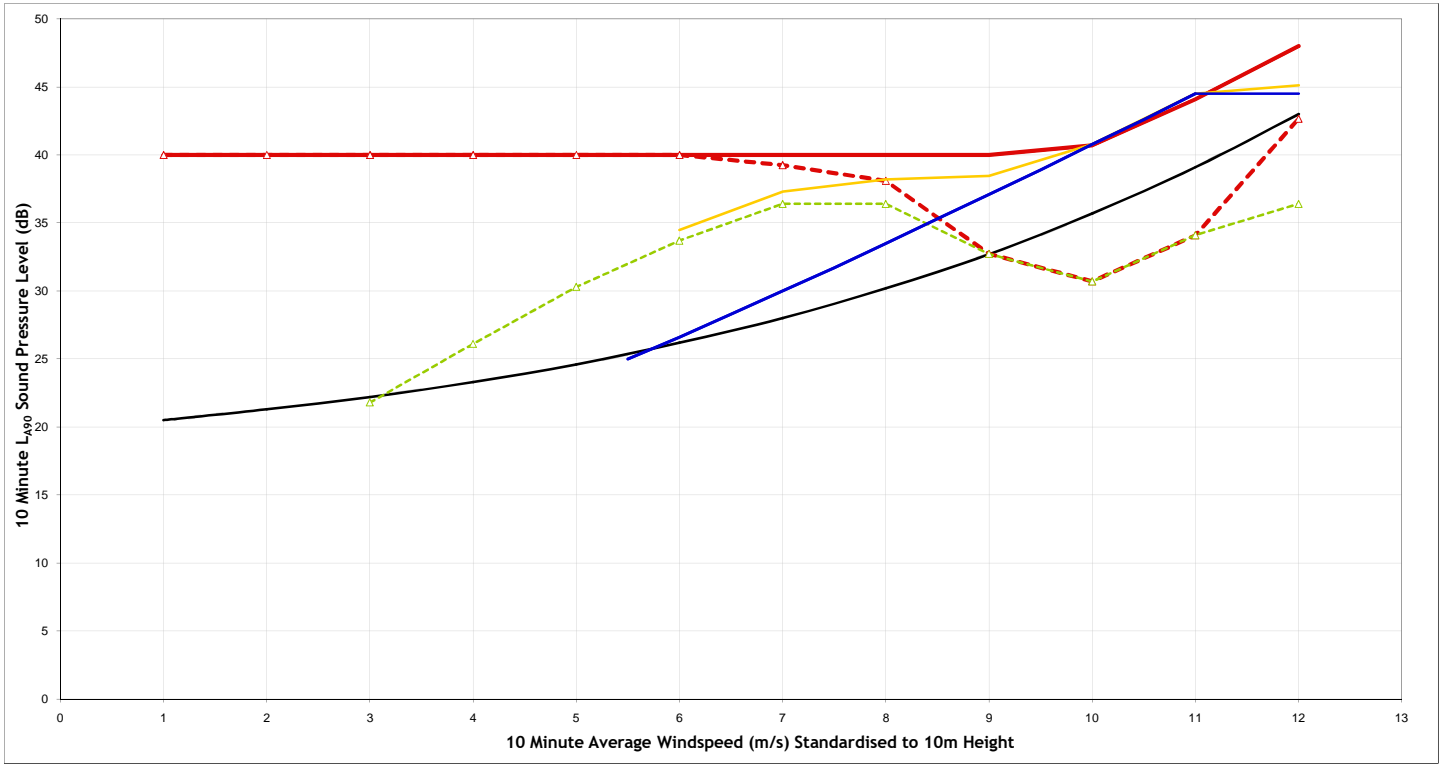
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

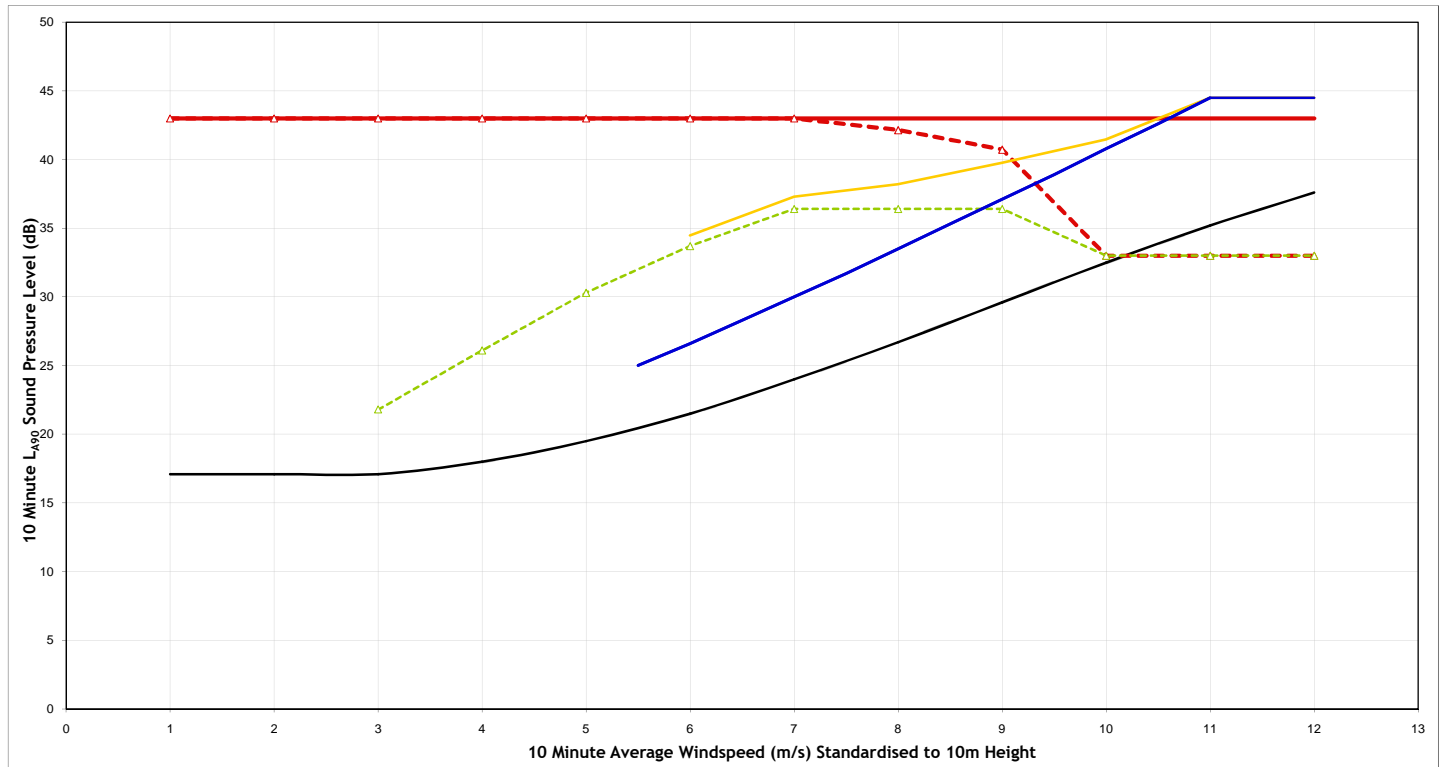
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Valhalla (NAL16) |
| Figure Number | A1.5p |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - 12 Whitelaw Road(NAL17) - (Area: East Burrafirth & Aith 3)



Night Time - 12 Whitelaw Road(NAL17) - (Area: East Burrafirth & Aith 3)



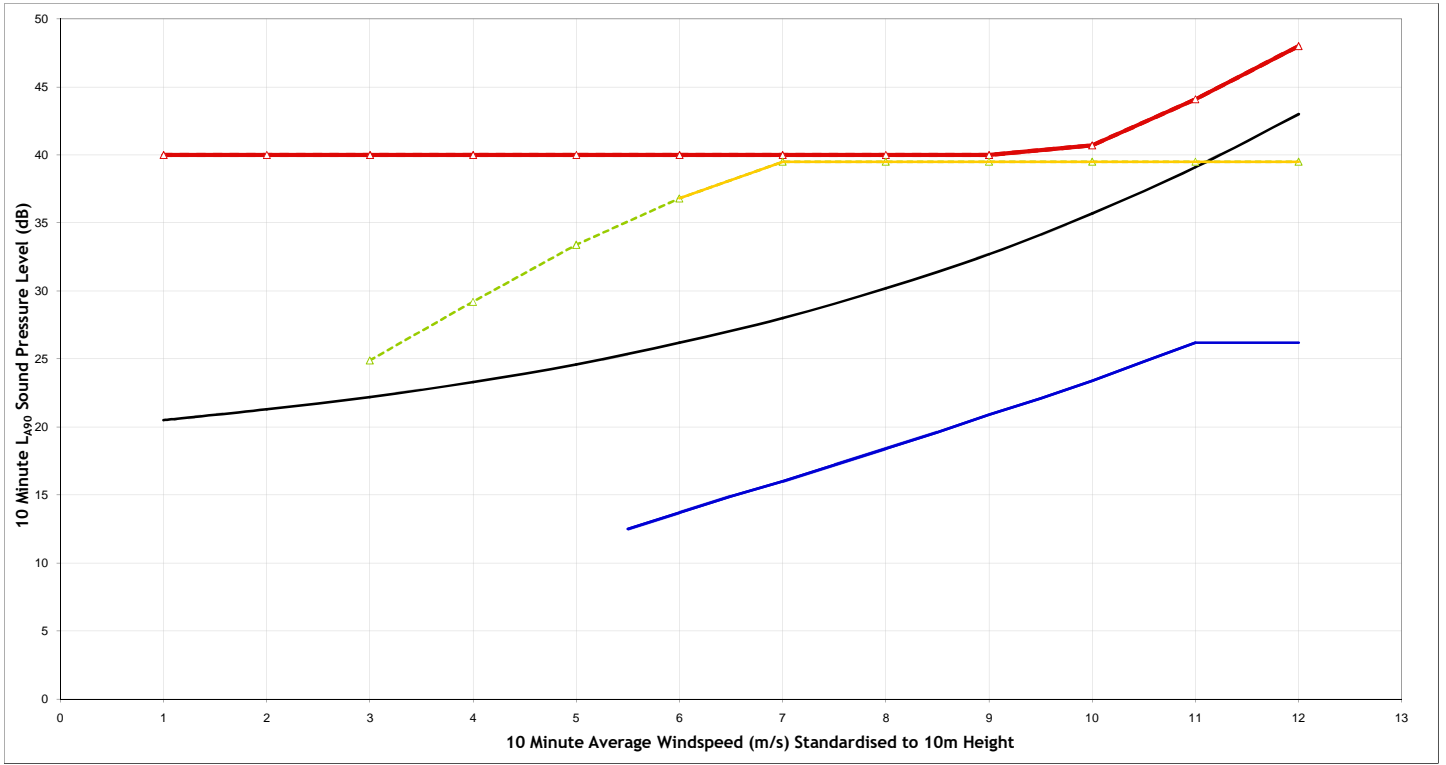
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

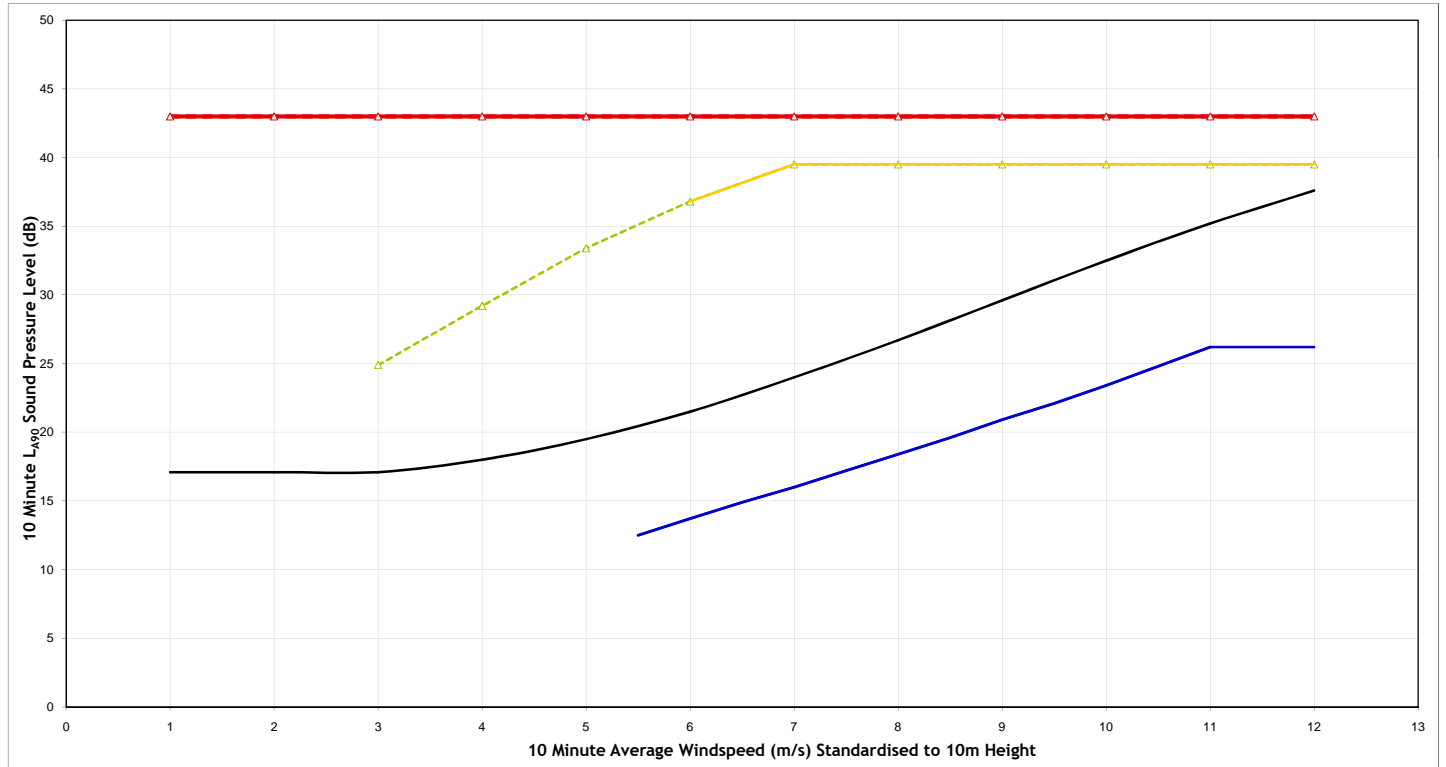
| | |
|---------------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | 12 Whitelaw Road (NAL17) |
| Figure Number | A1.5q |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Roadside(NAL18) - (Area: East Burrafirth & Aith 55)



Night Time - Roadside(NAL18) - (Area: East Burrafirth & Aith 55)



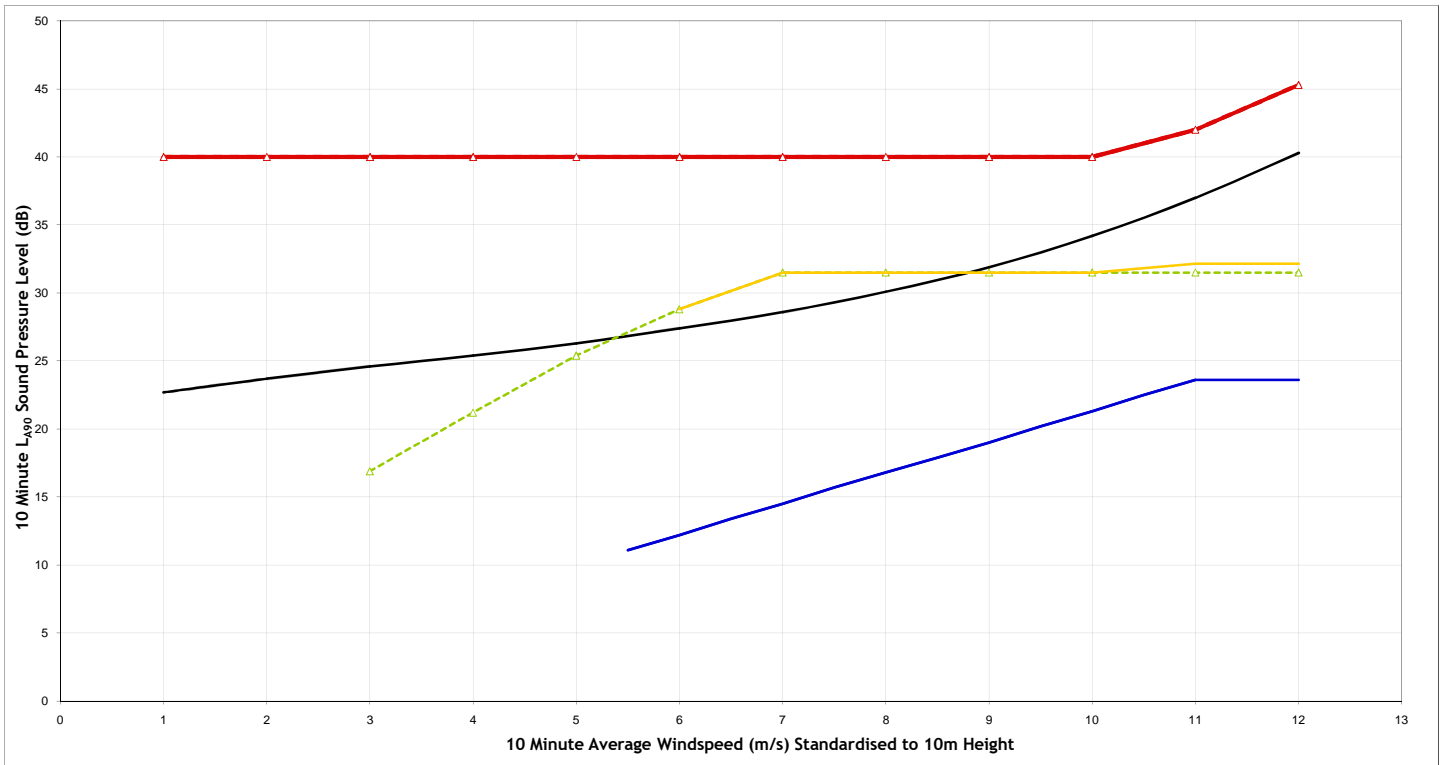
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

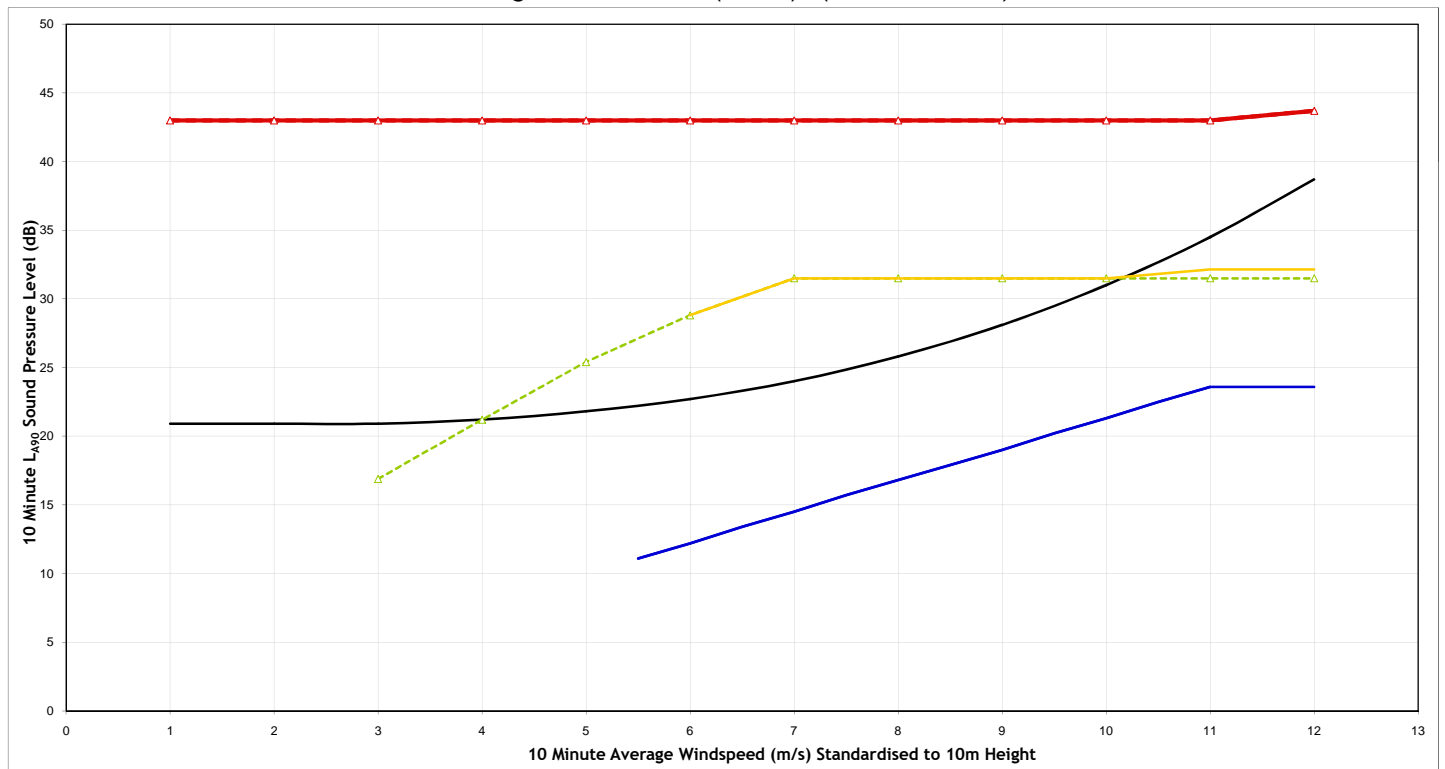
| | |
|---------------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Roadside (NAL18) |
| Figure Number | A1.5r |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Hoddins(NAL19) - (Area: Gonfirth 3)



Night Time - Hoddins(NAL19) - (Area: Gonfirth 3)



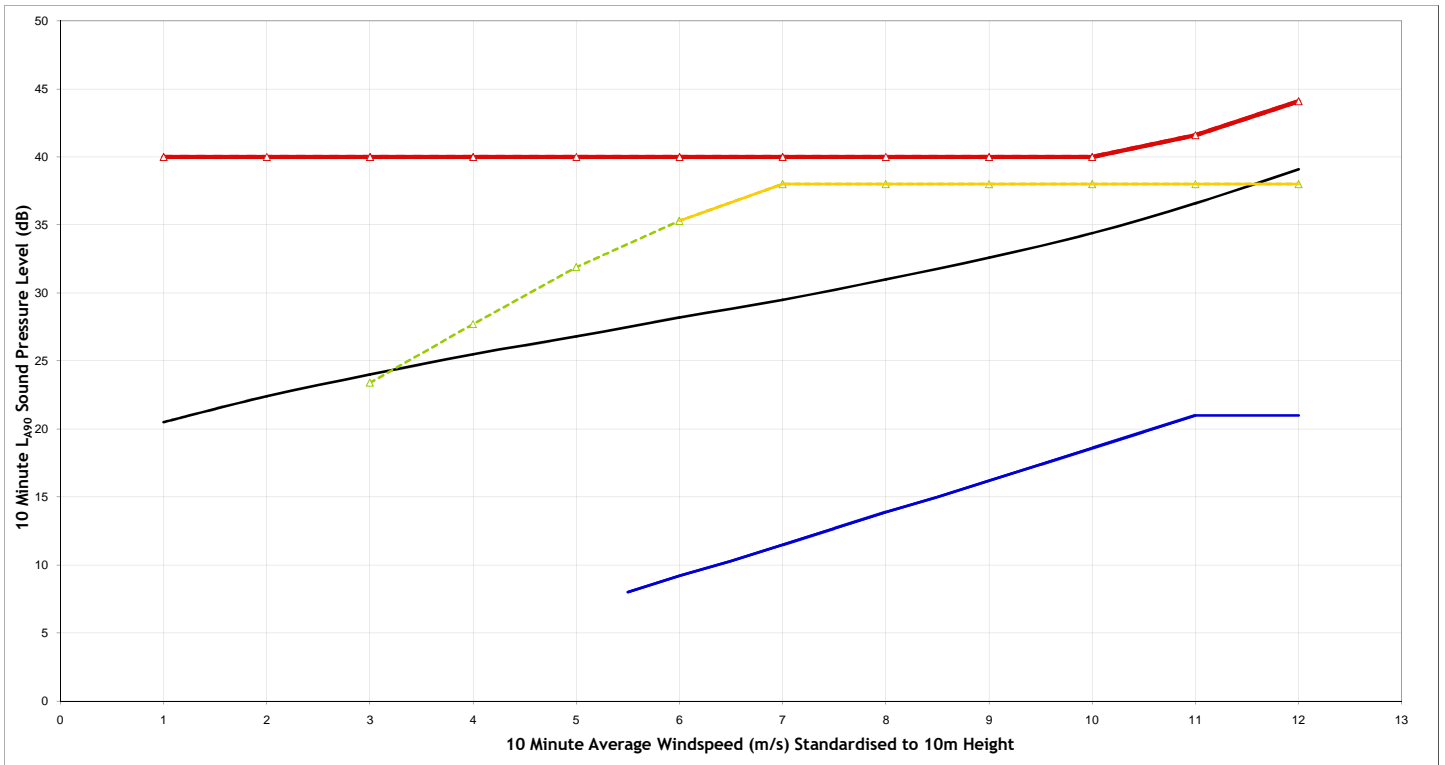
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

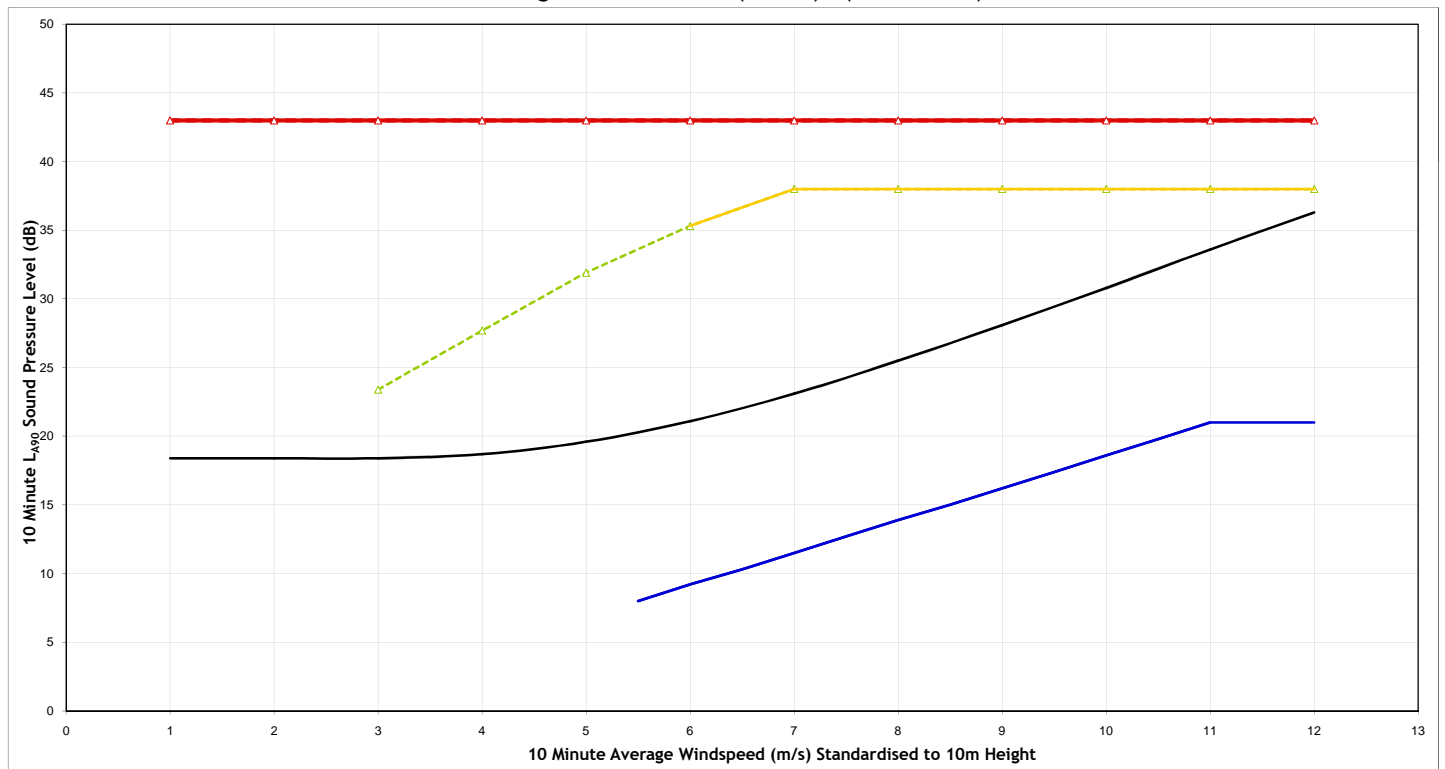
| | |
|--------------------|-------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Hoddins (NAL19) |
| Figure Number | A1.5s |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Rocklea(NAL20) - (Area: Voe 2)



Night Time - Rocklea(NAL20) - (Area: Voe 2)



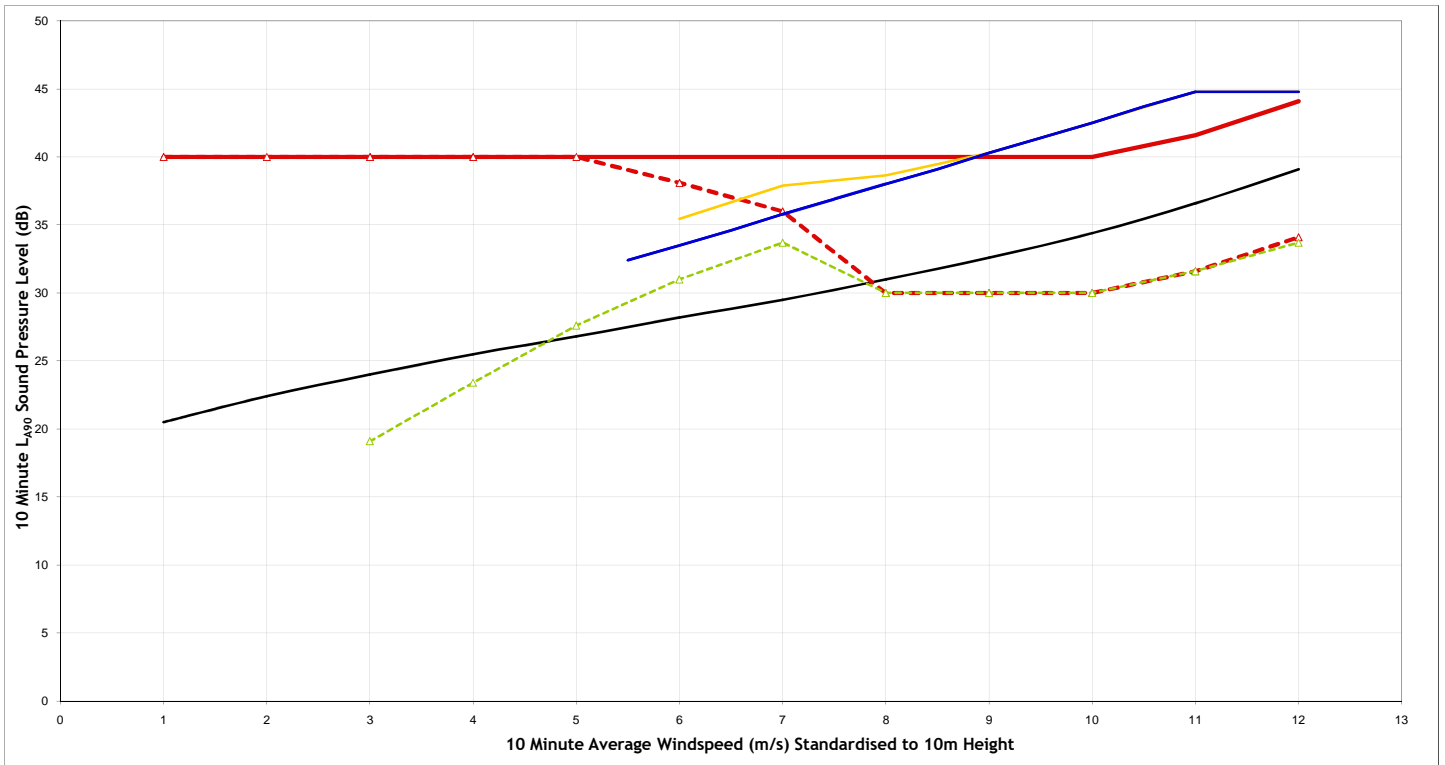
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

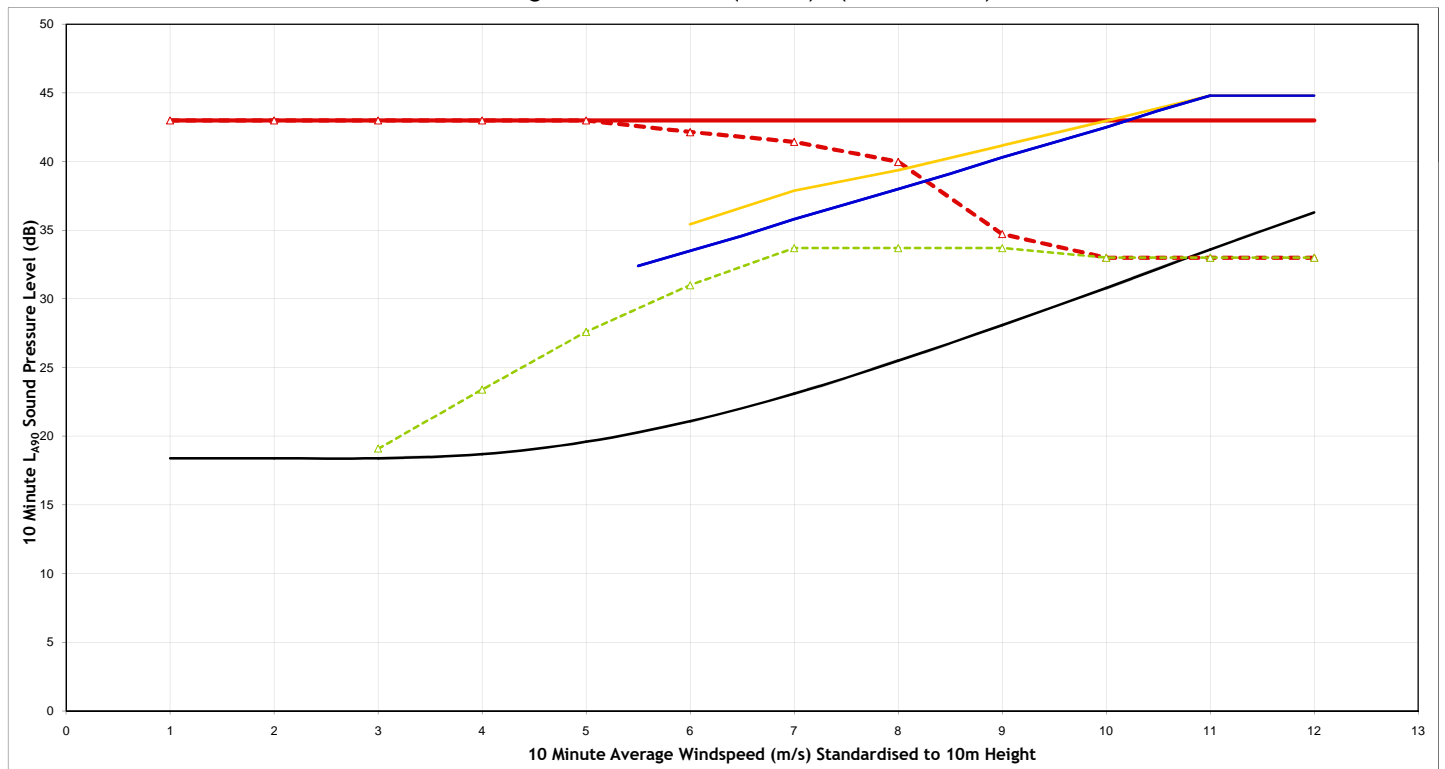
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Rocklea (NAL20) |
| Figure Number | A1.5t |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Norbrek(NAL21) - (Area: Voe 25)



Night Time - Norbrek(NAL21) - (Area: Voe 25)



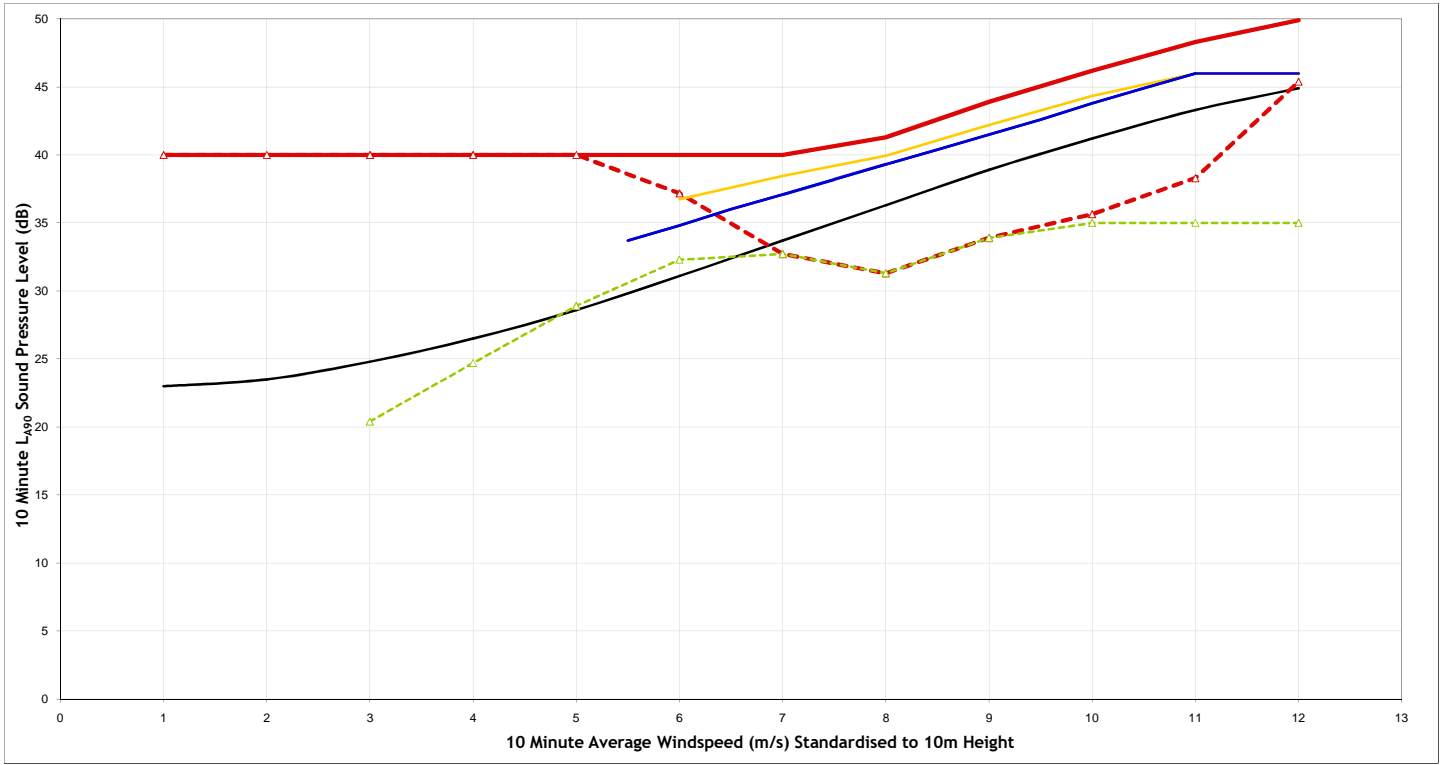
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

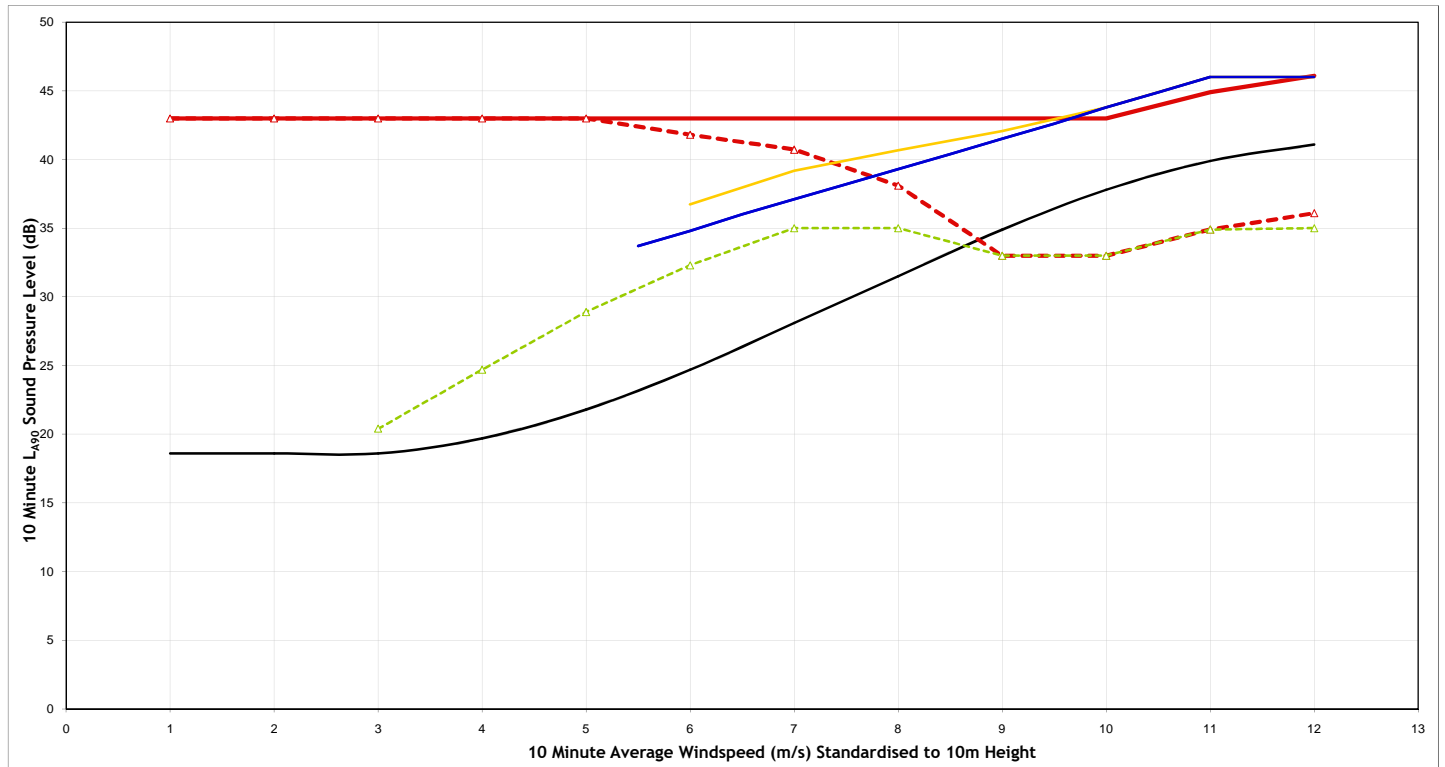
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Norbrek (NAL21) |
| Figure Number | A1.5u |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Muness(NAL22) - (Area: Cumulative 3)



Night Time - Muness(NAL22) - (Area: Cumulative 3)



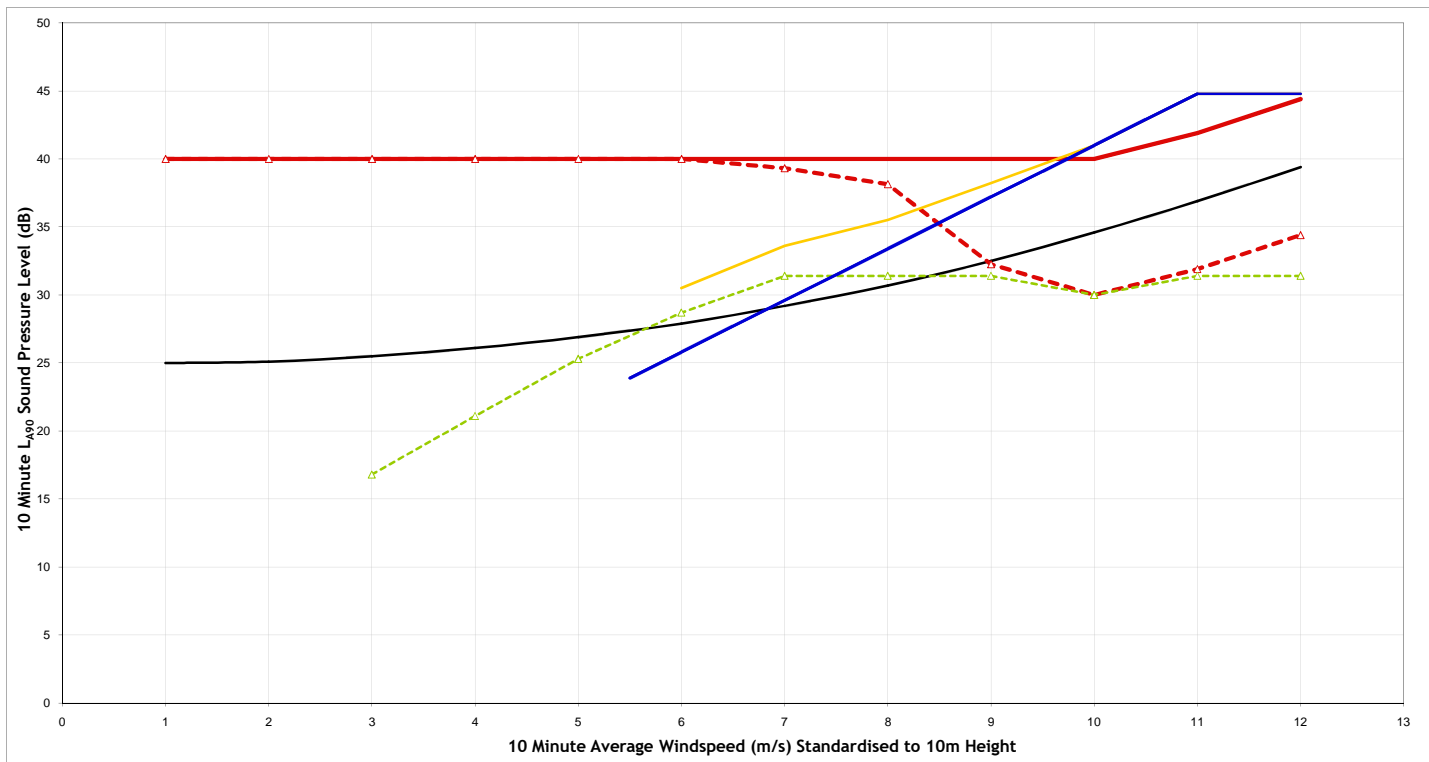
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

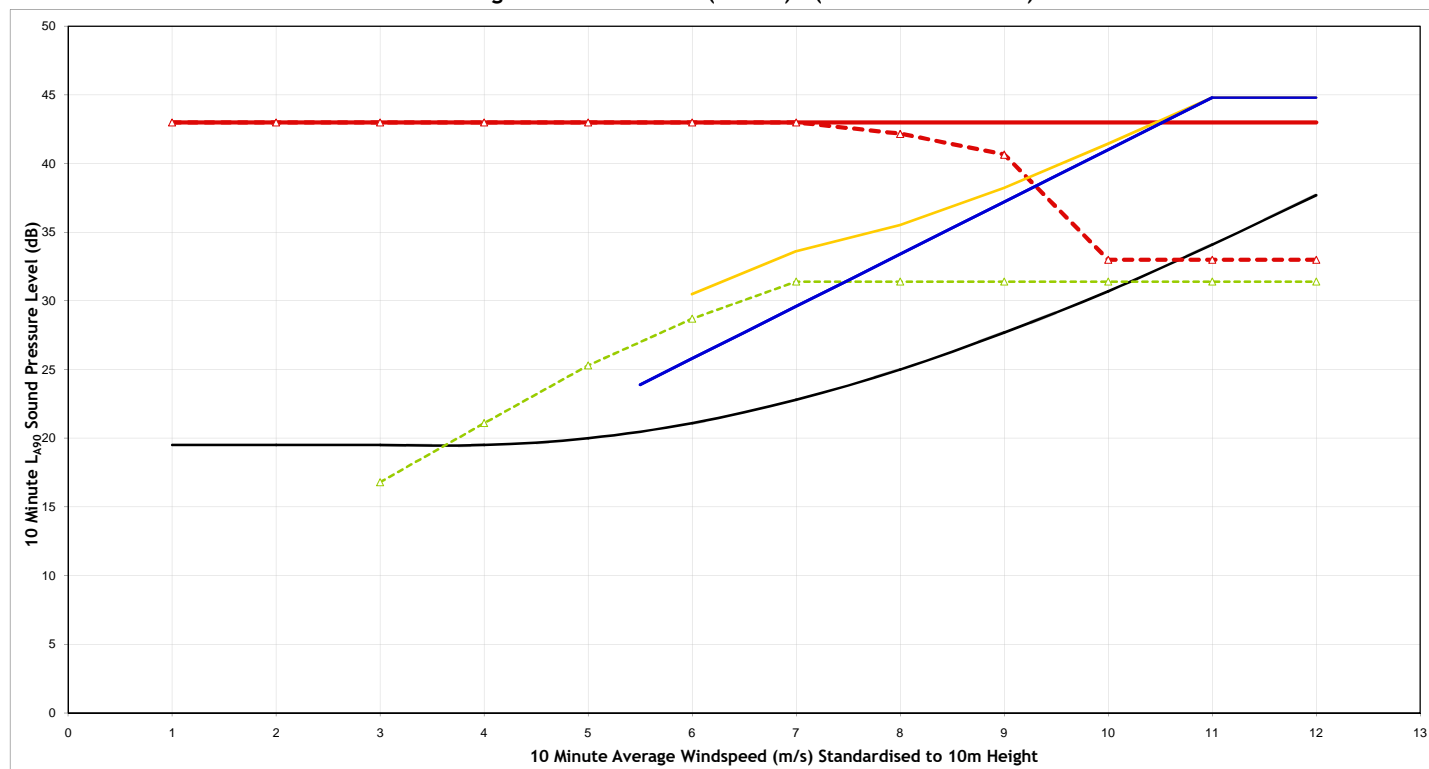
| | |
|--------------------|------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Muness (NAL22) |
| Figure Number | A1.5v |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Parkhead(NAL23) - (Area: Cumulative 4)



Night Time - Parkhead(NAL23) - (Area: Cumulative 4)



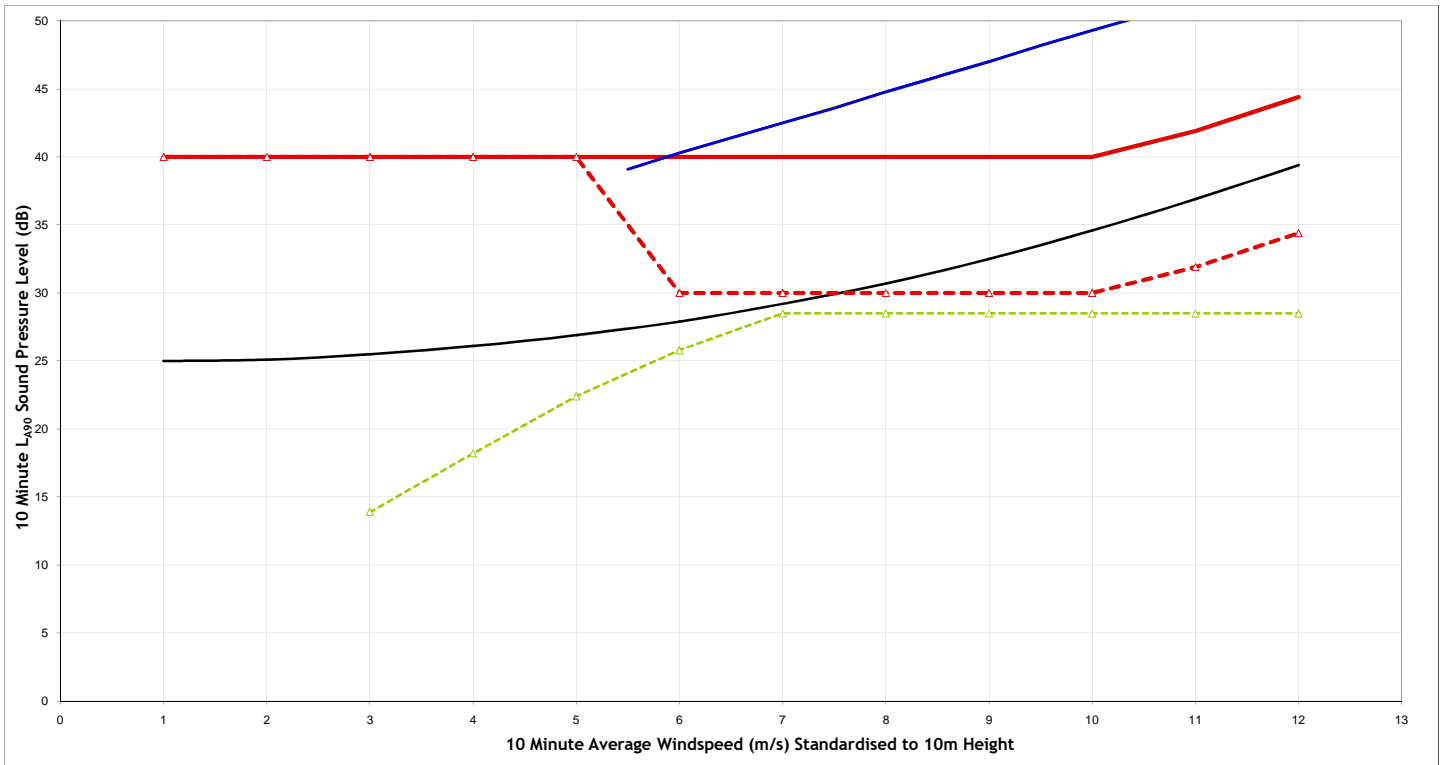
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

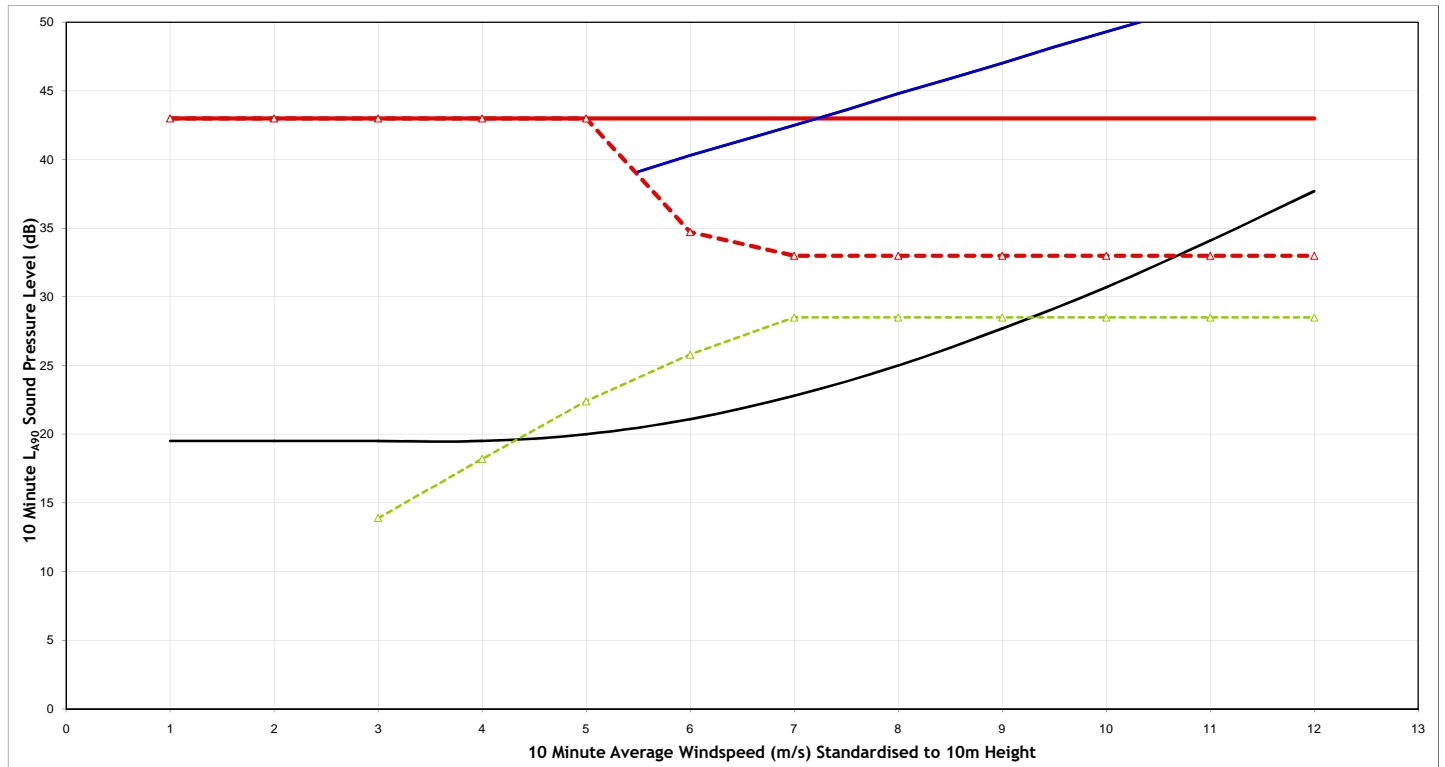
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Parkhead (NAL23) |
| Figure Number | A1.5w |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Moars Park(NAL24) - (Area: Cumulative 5)



Night Time - Moars Park(NAL24) - (Area: Cumulative 5)



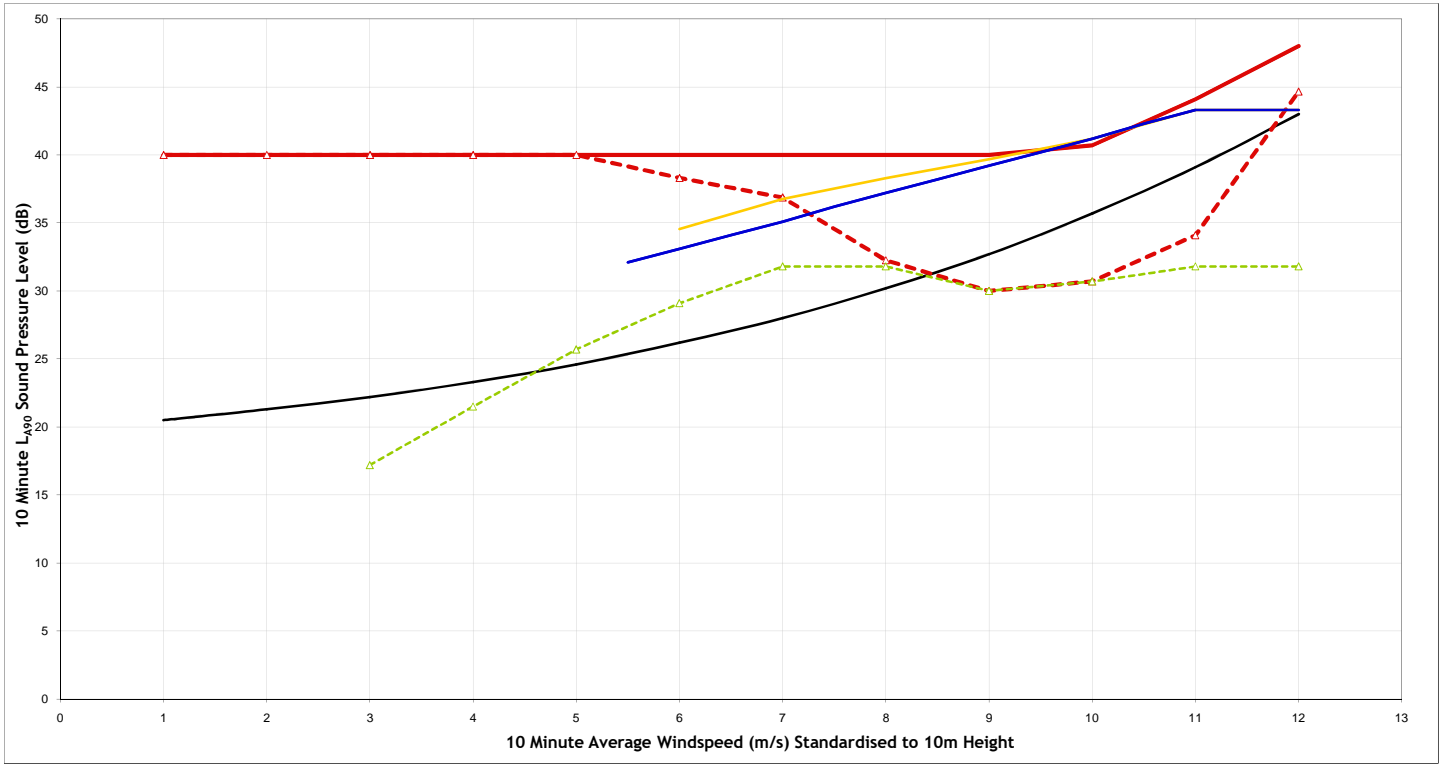
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

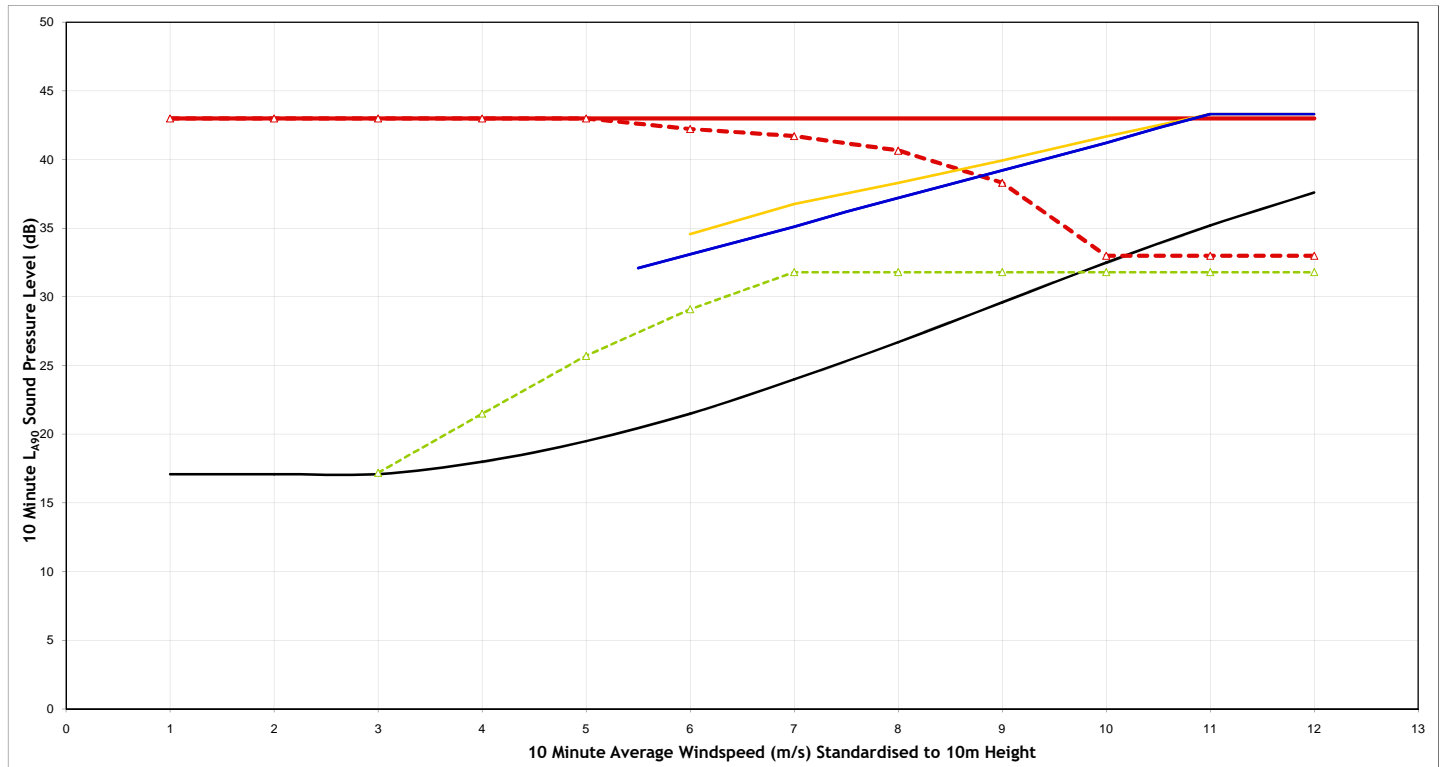
| | |
|---------------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | Moars Park (NAL24) |
| Figure Number | A1.5x |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - The Mark(NAL25) - (Area: Cumulative 13)



Night Time - The Mark(NAL25) - (Area: Cumulative 13)



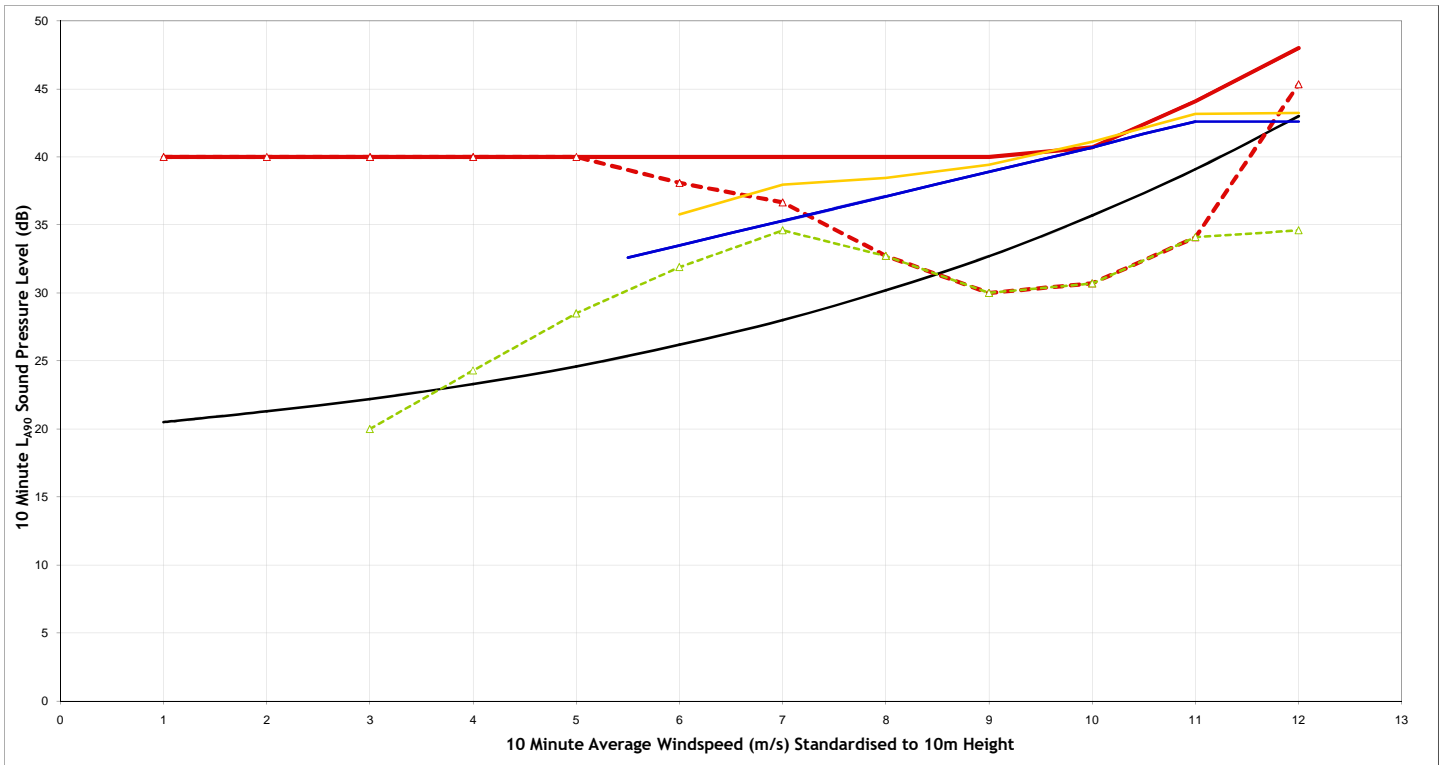
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

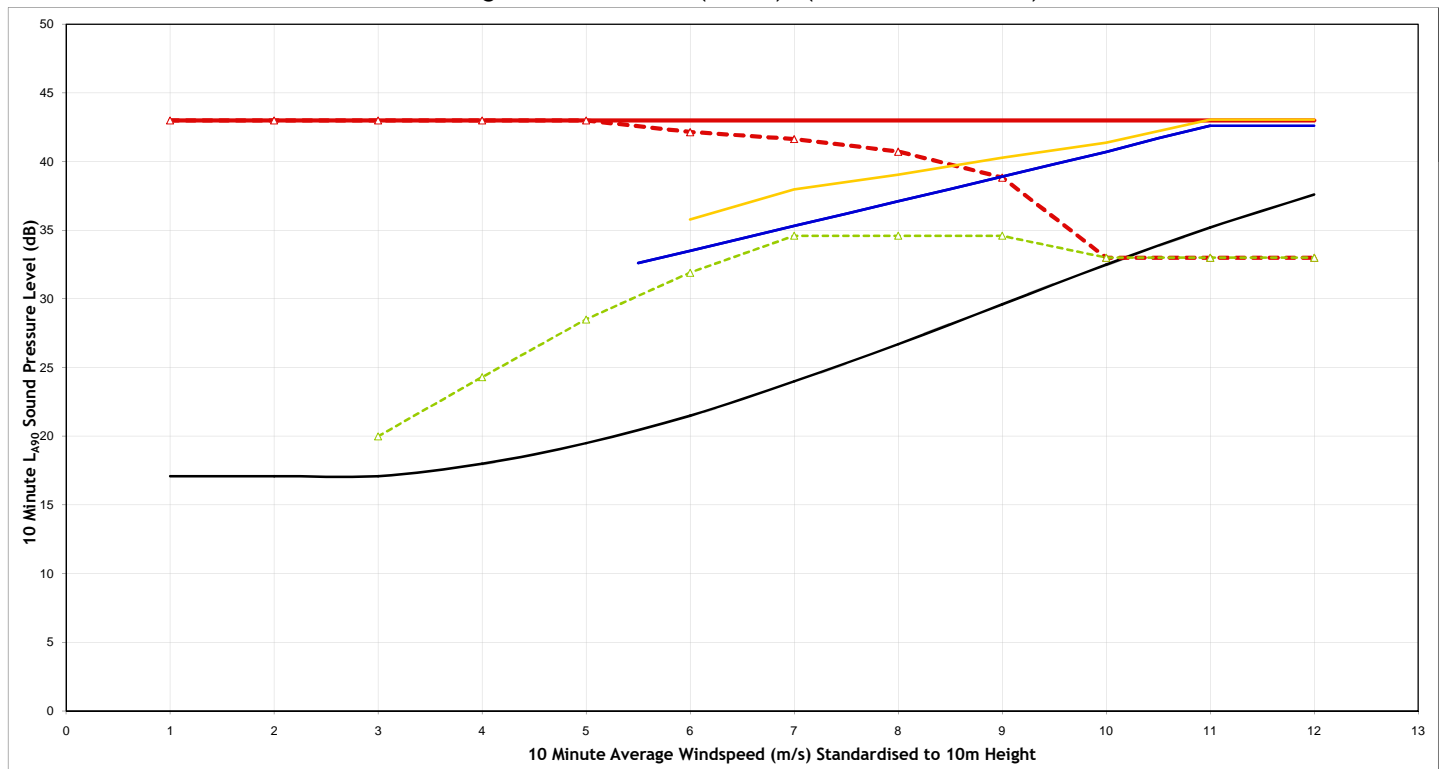
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | The Mark (NAL25) |
| Figure Number | A1.5y |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Lonabrek(NAL26) - (Area: Cumulative 14)



Night Time - Lonabrek(NAL26) - (Area: Cumulative 14)



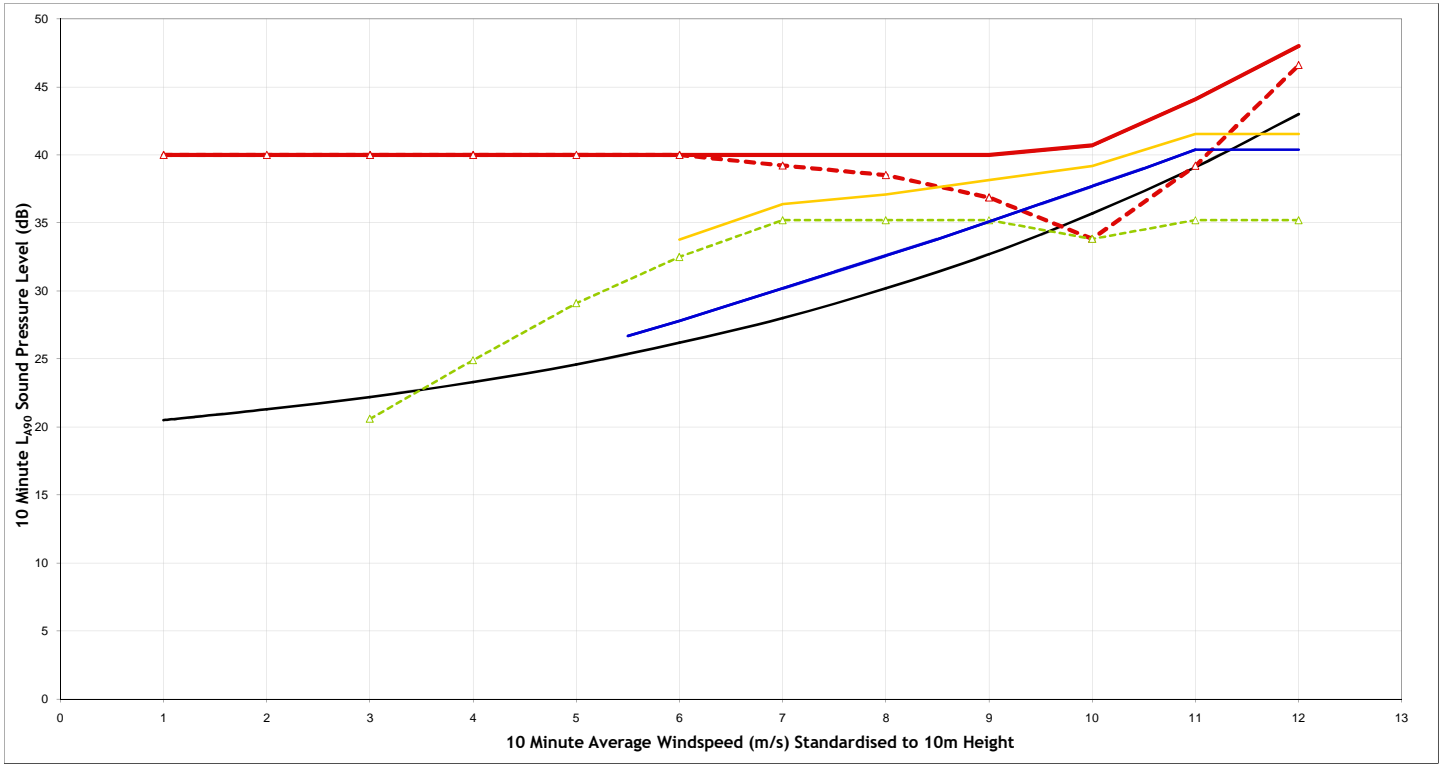
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

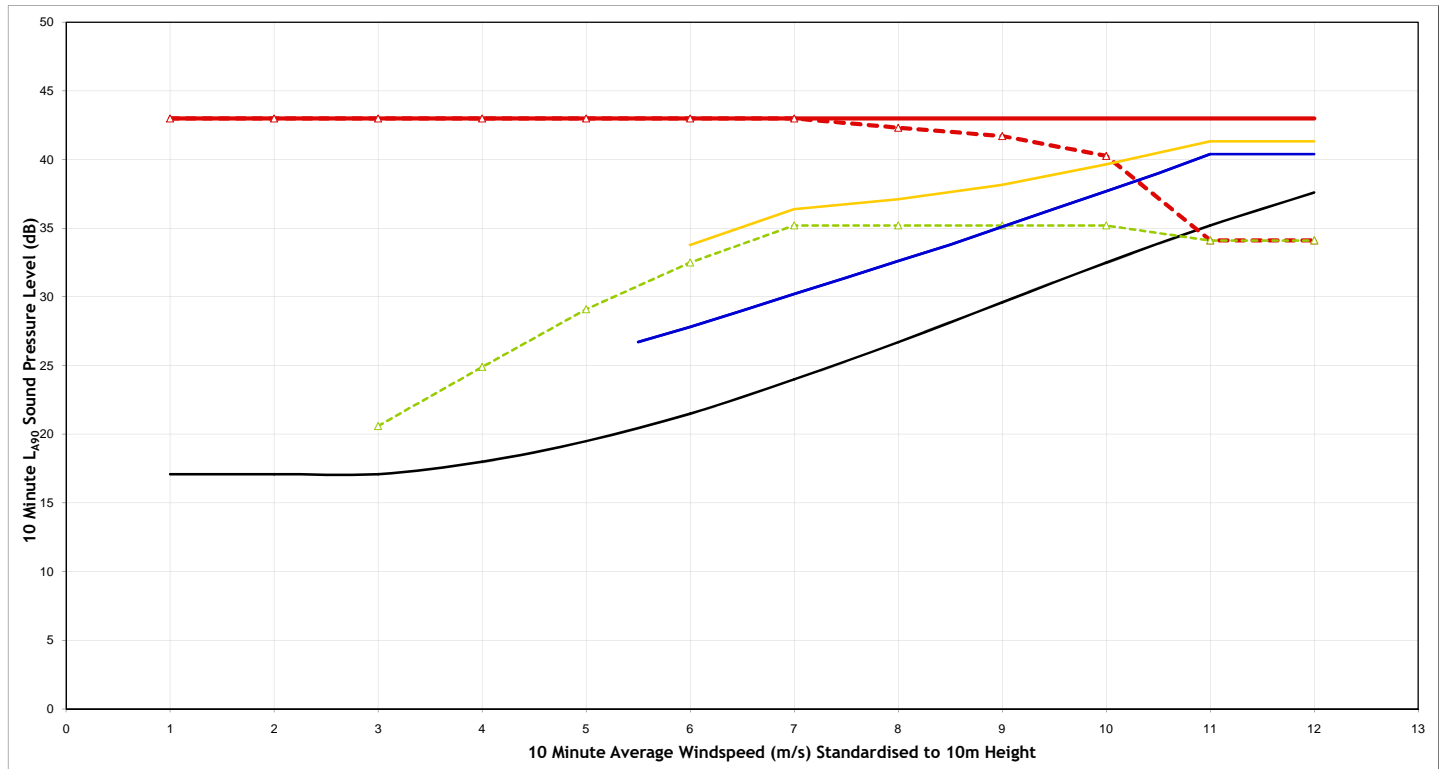
| | |
|--------------------|--------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Lonabrek (NAL26) |
| Figure Number | A1.5z |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - Adnashoor(NAL27) - (Area: Cumulative 12)



Night Time - Adnashoor(NAL27) - (Area: Cumulative 12)



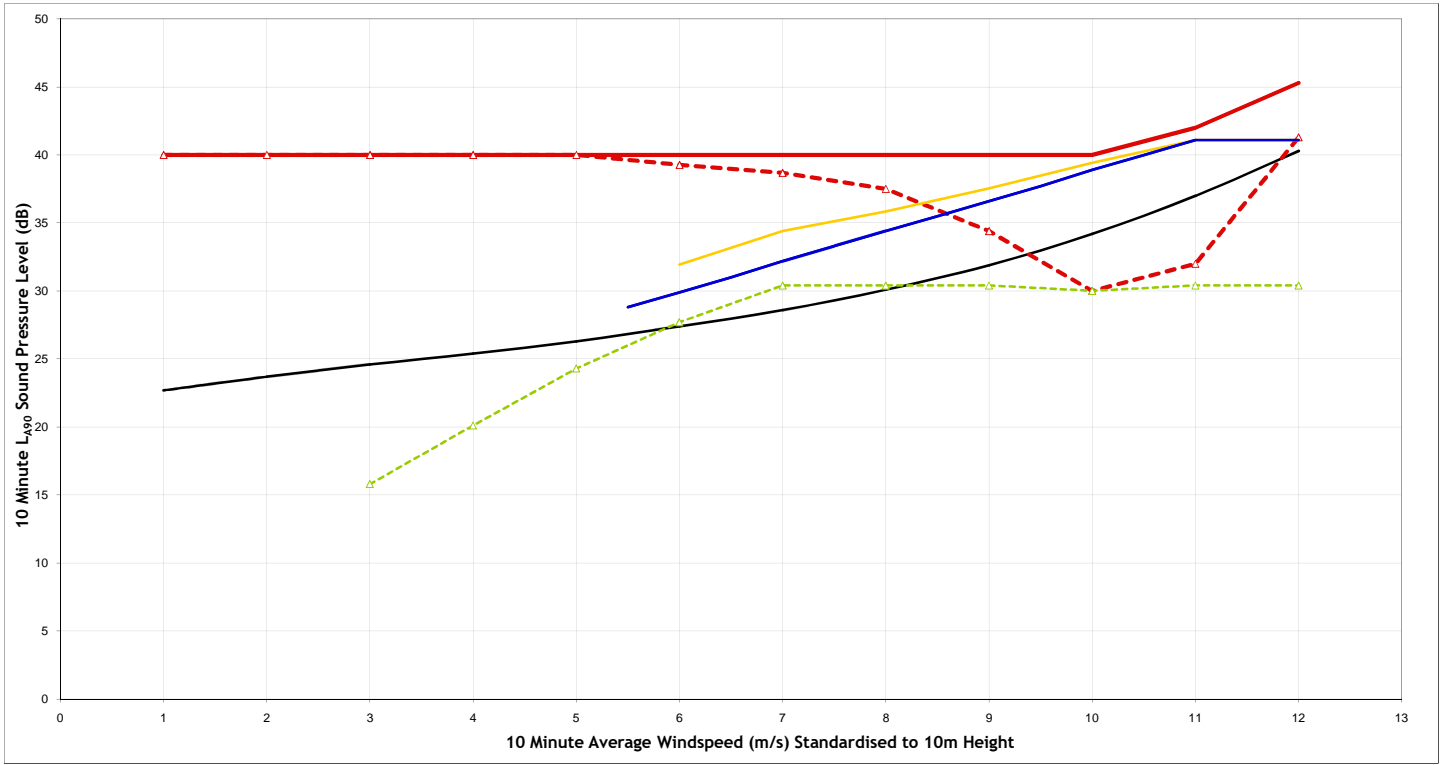
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

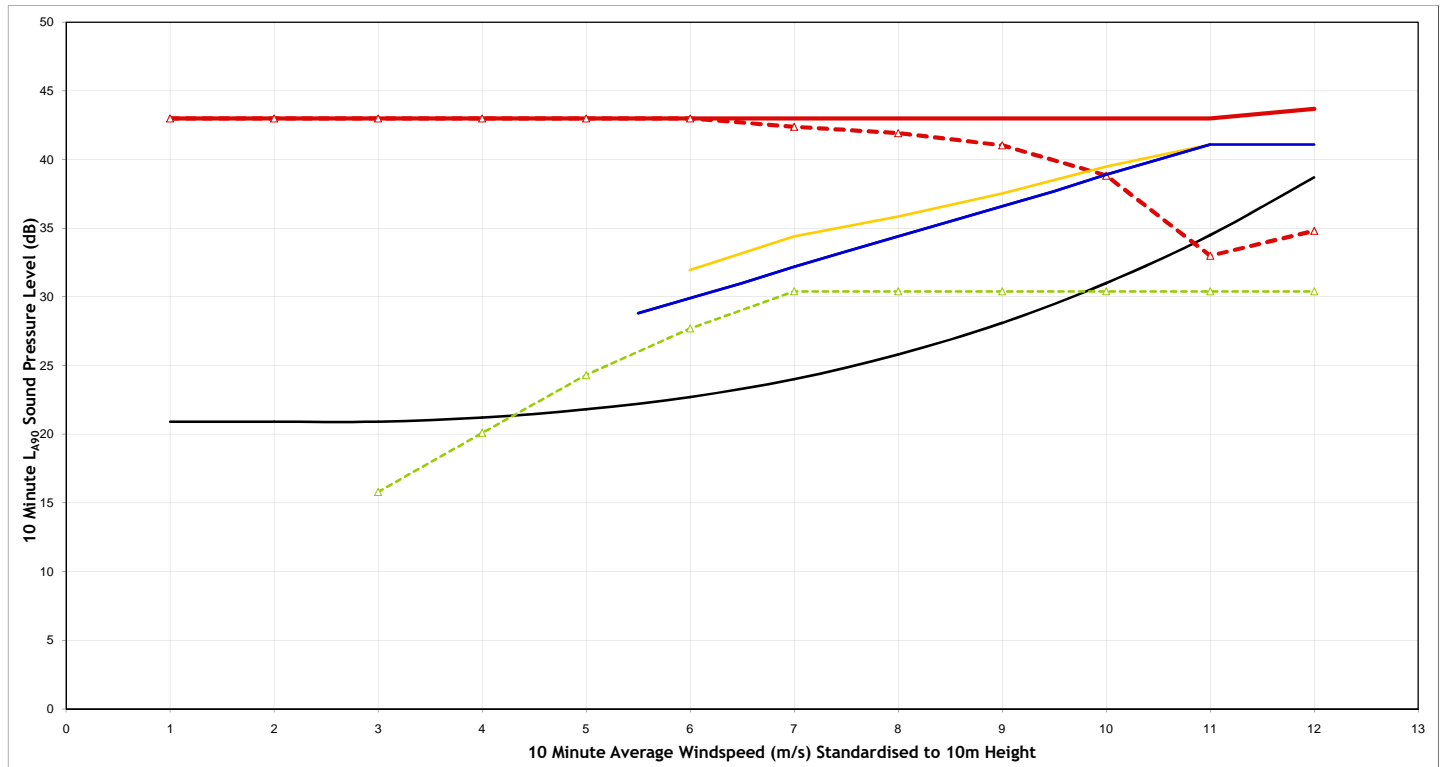
| | |
|--------------------|---------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment Adnashoor (NAL27) |
| Figure Number | A1.5aa |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - South Voxter(NAL28) - (Area: Cumulative 15)



Night Time - South Voxter(NAL28) - (Area: Cumulative 15)



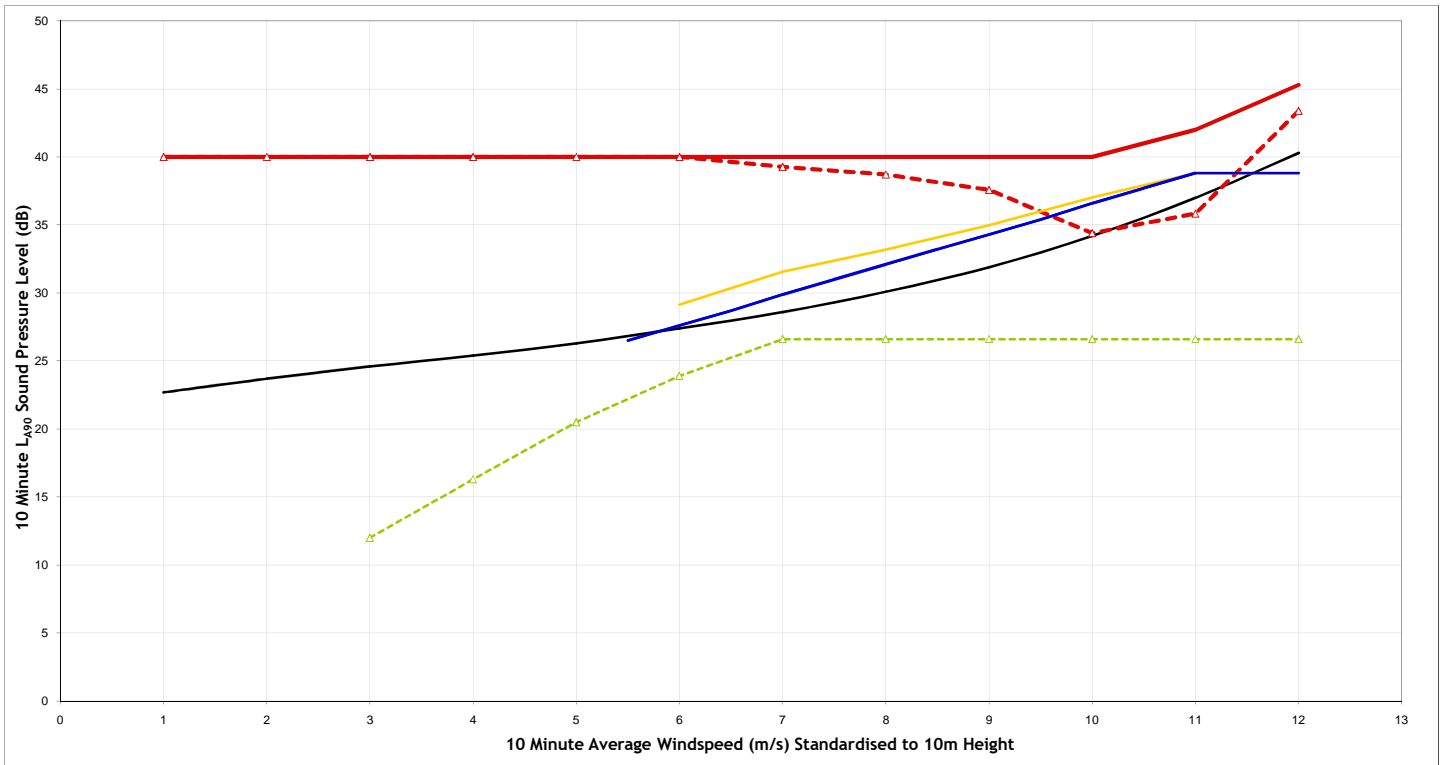
Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

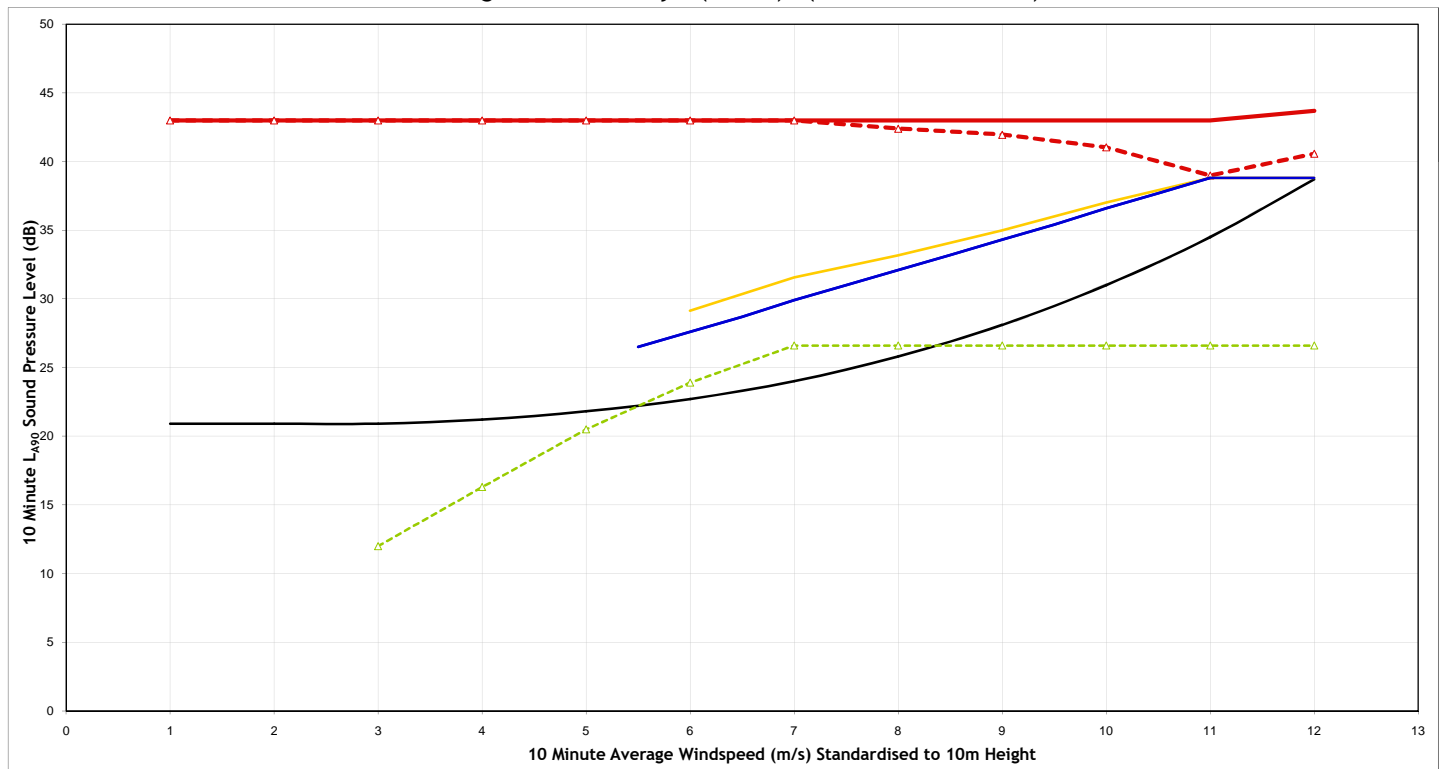
| | |
|--------------------|-----------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment |
| | South Voxter (NAL28) |
| Figure Number | A1.5ab |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Daytime - East Lynn(NAL29) - (Area: Cumulative 16)



Night Time - East Lynn(NAL29) - (Area: Cumulative 16)



Legend:

- Background Noise Level
- Total ETSU-R-97 Noise Limit
- Site Specific Noise Limits
- Predicted Noise - Viking Wind Farm Only (mode managed)*
- Predicted Noise - All Schemes
- All Other Operational or Consented Schemes (excluding Viking Wind Farm)

| | |
|---------------------------|---------------------------------------|
| Project | Viking Wind Farm |
| Client | Viking Energy Wind Farm LLP |
| Title | Noise Assessment East Lynn (NAL29) |
| Figure Number | A1.5ac |
| Scale | NTS |
| Drawn | JB |
| Checked | JM |
| Date | 25/10/2018 |
| Document Reference | 12604-Models |



Annex 2 – Correspondence with the Environmental Health Department at the Council
