

# Cottam Solar Project

## Environmental Statement

### Appendix 15.1: Noise Survey Information

Prepared by Tetra Tech Limited  
January 2023

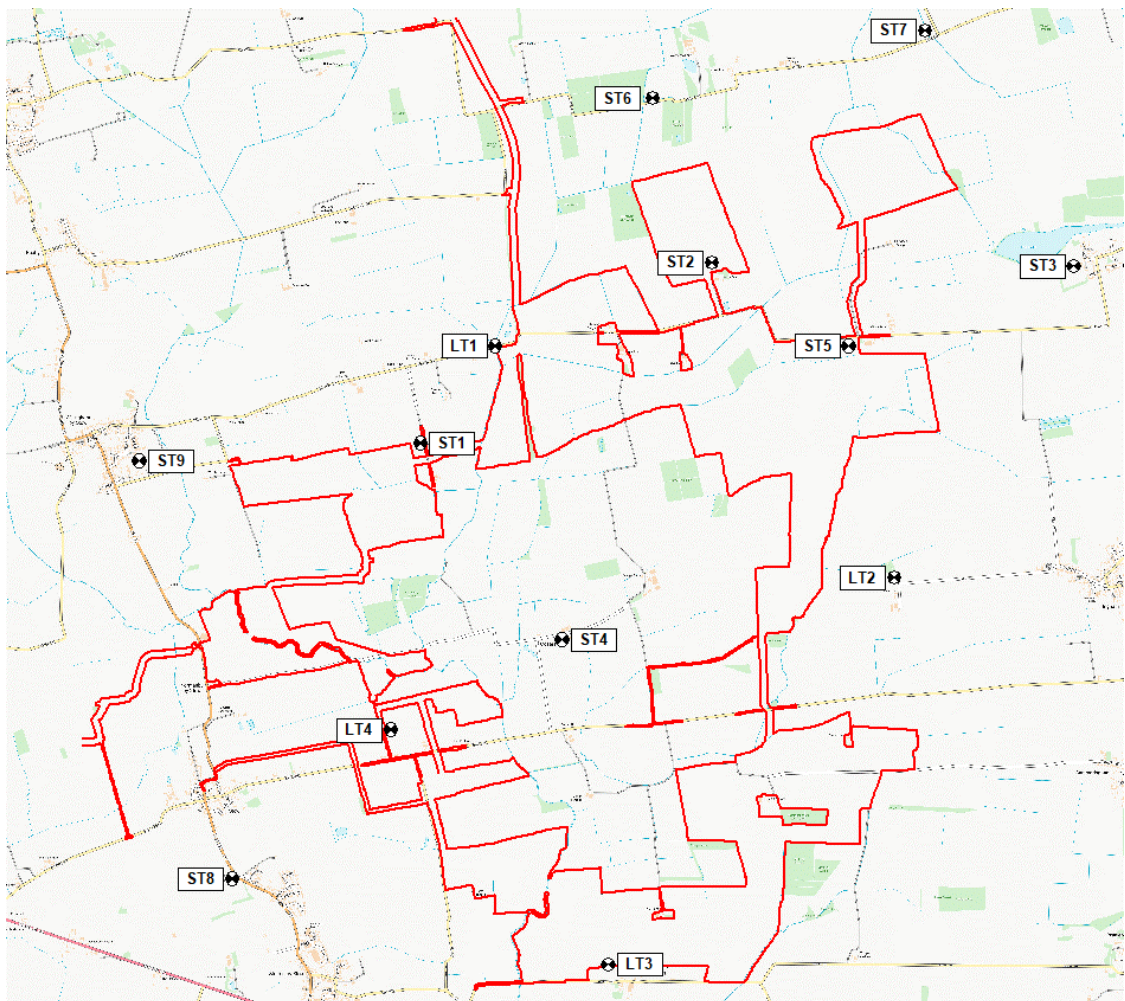
PINS Ref: EN010133  
Document reference: APP/C6.3.15.1  
APFP Regulation 5(2)(a)



## 1.1 Cottam 1 Noise Survey

1.1.1 The baseline noise environment has been established following a noise survey undertaken from Thursday 9th September 2021 to Thursday 16th September 2021. Attended 15-minute short-term measures were undertaken at nine locations during the day, evening and night-time periods with four additional locations being measured unattended over a 161-hour period.

**Figure A.15.1 Noise Monitoring Locations**



Not to scale. OS Licence No. AL553611

1.1.2 The existing ambient noise climate was mainly dominated by road traffic noise and occasional farming related noise. The main sources of this noise included: Kexby Road, Willingham Road, Stow Road, the A1500 and the B1241. A summary of the baseline noise monitoring survey is shown in Table A.15.1 below.

**Table A.15.1 Results of Baseline Noise Monitoring Survey (Average Levels)**

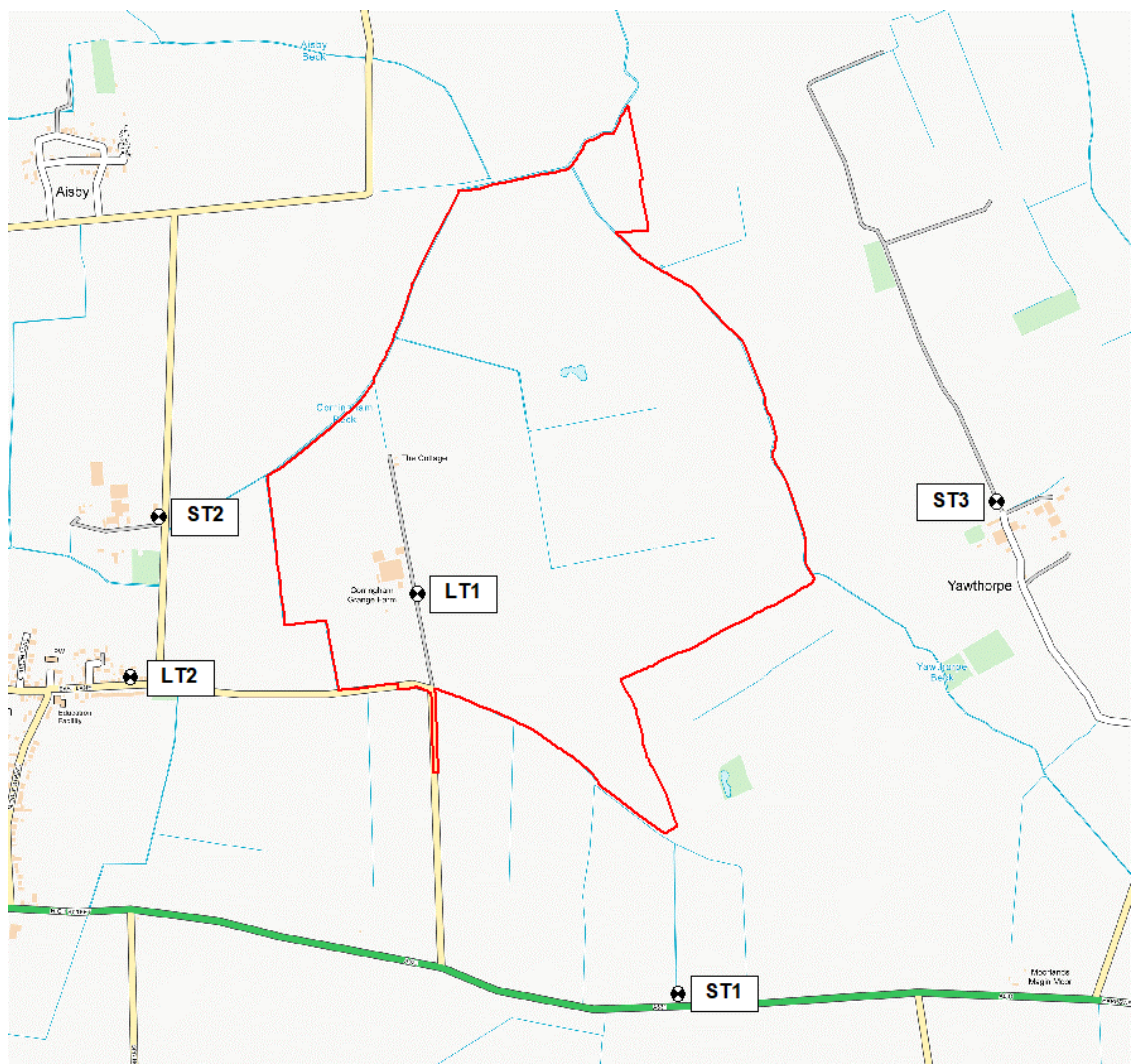
| Period                              | Duration (T) | Monitoring Date and Times                | Location | L <sub>Aeq,T</sub> (dB) | L <sub>Amax,T</sub> (dB) | L <sub>Amin,T</sub> (dB) | L <sub>A10,T</sub> (dB) | L <sub>A90,T</sub> (dB) |
|-------------------------------------|--------------|--|----------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| Weekday Daytime<br>07:00 - 23:00    | 72 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT1      | 54.5                    | 104.1                    | 15.6                     | 42.3                    | 32.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 41 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 44.9                    | 89.3                     | 14.8                     | 28.2                    | 19.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 |          | 49.7                    | 86.7                     | 16.7                     | 42.8                    | 28.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 37.4                    | 70.8                     | 15.5                     | 26.3                    | 18.0                    |
| Weekday Daytime<br>07:00 - 23:00    | 72 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT2      | 51.3                    | 86.3                     | 18.5                     | 42.2                    | 34.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 41 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 37.2                    | 75.9                     | 17.6                     | 32.1                    | 20.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 |          | 49.0                    | 92.2                     | 18.9                     | 41.0                    | 28.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 34.7                    | 70.5                     | 18.2                     | 29.4                    | 22.0                    |
| Weekday Daytime<br>07:00 - 23:00    | 72 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT3      | 45.0                    | 91.2                     | 18.3                     | 39.4                    | 32.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 41 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 31.8                    | 65.4                     | 14.9                     | 30.5                    | 23.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 |          | 45.7                    | 89.2                     | 20.0                     | 39.8                    | 33.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 31.8                    | 61.2                     | 16.3                     | 31.7                    | 26.0                    |
| Weekday Daytime<br>07:00 - 23:00    | 72 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT4      | 40.3                    | 77.2                     | 16.1                     | 39.9                    | 32.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 41 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 31.7                    | 77.1                     | 14.9                     | 28.4                    | 17.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 |          | 40.3                    | 66.7                     | 17.7                     | 39.8                    | 24.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 31.4                    | 62.3                     | 15.6                     | 28.4                    | 18.0                    |
| Daytime<br>07:00 - 19:00            | 15 Mins      | 09/09/2021<br>15:51                      | ST1      | 47.0                    | 60.9                     | 33.1                     | 50.7                    | 38.0                    |
|                                     | 15 Mins      | 09/09/2021<br>16:42                      | ST2      | 40.2                    | 51.1                     | 29.9                     | 43.7                    | 34.8                    |
|                                     | 15 Mins      | 09/09/2021<br>16:13                      | ST3      | 58.2                    | 81.9                     | 31.9                     | 59.5                    | 36.1                    |
|                                     | 15 Mins      | 09/09/2021                               | ST4      | 53.3                    | 79.4                     | 33.6                     | 47.2                    | 36.9                    |

| Period                      | Duration (T) | Monitoring Date and Times | Location | L <sub>Aeq,T</sub> (dB) | L <sub>Amax,T</sub> (dB) | L <sub>Amin,T</sub> (dB) | L <sub>A10,T</sub> (dB) | L <sub>A90,T</sub> (dB) |
|-----------------------------|--------------|---------------------------|----------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
|                             |              | 15:53                     |          |                         |                          |                          |                         |                         |
|                             | 15 Mins      | 10/09/2021<br>09:32       | ST5      | 52.4                    | 79.6                     | 32.9                     | 44.8                    | 35.2                    |
|                             | 15 Mins      | 09/09/2021                | ST6      | 52.3                    | 77.1                     | 28.2                     | 43.8                    | 32.7                    |
|                             | 15 Mins      | 09/09/2021<br>15:44       | ST7      | 48.4                    | 68.7                     | 29.6                     | 48.6                    | 35.4                    |
|                             | 15 Mins      | 09/09/2021<br>15:27       | ST8      | 63.1                    | 82.5                     | 36.0                     | 68.2                    | 43.7                    |
|                             | 15 Mins      | 09/09/2021<br>15:29       | ST9      | 46.2                    | 69.8                     | 31.3                     | 47.0                    | 35.4                    |
| Evening<br>19:00 - 23:00    | 15 Mins      | 09/09/2021<br>21:37       | ST1      | 37.7                    | 64.9                     | 19.7                     | 35.2                    | 23.8                    |
|                             | 15 Mins      | 09/09/2021<br>22:04       | ST2      | 34.3                    | 64.4                     | 19.5                     | 29.8                    | 22.3                    |
|                             | 15 Mins      | 09/09/2021<br>20:44       | ST3      | 27.3                    | 43.7                     | 20.1                     | 29.8                    | 22.0                    |
|                             | 15 Mins      | 09/09/2021<br>20:42       | ST4      | 36.2                    | 61.1                     | 29.8                     | 36.6                    | 32.3                    |
|                             | 15 Mins      | 09/09/2021<br>22:30       | ST5      | 32.8                    | 63.5                     | 19.1                     | 31.3                    | 21.3                    |
|                             | 15 Mins      | 09/09/2021<br>21:27       | ST6      | 42.4                    | 67.4                     | 26.7                     | 46.3                    | 30.2                    |
|                             | 15 Mins      | 09/09/2021<br>20:20       | ST7      | 30.6                    | 43.1                     | 23.1                     | 33.7                    | 26.0                    |
|                             | 15 Mins      | 09/09/2021<br>20:12       | ST8      | 57.6                    | 77.6                     | 29.7                     | 58.3                    | 35.1                    |
|                             | 15 Mins      | 09/09/2021<br>21:11       | ST9      | 36.1                    | 65.2                     | 23.5                     | 37.0                    | 27.3                    |
| Night-time<br>23:00 - 07:00 | 15 Mins      | 10/09/2021<br>00:16       | ST1      | 39.2                    | 66.6                     | 19.6                     | 33.9                    | 23.8                    |
|                             | 15 Mins      | 09/09/2021<br>23:53       | ST2      | 40.8                    | 66.3                     | 30.9                     | 42.9                    | 35.1                    |
|                             | 15 Mins      | 09/09/2021<br>23:49       | ST3      | 25.5                    | 48.2                     | 19.0                     | 27.9                    | 20.6                    |
|                             | 15 Mins      | 10/09/2021<br>00:42       | ST4      | 25.6                    | 55.0                     | 13.6                     | 18.5                    | 14.4                    |
|                             | 15 Mins      | 09/09/2021<br>23:12       | ST5      | 34.5                    | 63.0                     | 19.8                     | 31.8                    | 23.0                    |
|                             | 15 Mins      | 09/09/2021<br>23:04       | ST6      | 28.5                    | 48.3                     | 24.0                     | 29.1                    | 25.7                    |
|                             | 15 Mins      | 10/09/2021<br>00:12       | ST7      | 24.6                    | 45.7                     | 20.0                     | 26.0                    | 21.8                    |
|                             | 15 Mins      | 10/09/2021                | ST8      | 25.0                    | 57.9                     | 13.6                     | 21.6                    | 14.5                    |
|                             | 15 Mins      | 10/09/2021<br>00:42       | ST9      | 38.3                    | 70.7                     | 28.5                     | 33.4                    | 30.4                    |

## 1.2 Cottam 2 Noise Survey

1.2.1 The baseline noise environment has been established following a noise survey undertaken from Thursday 9<sup>th</sup> September 2021 to Thursday 16<sup>th</sup> September 2021. Attended 15-minute short-term measures were undertaken at three locations during the day, evening and night-time periods with two additional locations being measured unattended over a 161-hour period.

**Figure A.15.2 Noise Monitoring Locations**



Not to scale. OS Licence No. AL553611

1.2.2 The existing ambient noise climate was dominated by road traffic noise with the main sources being the A631 and Corringbeck Road during the daytime and evening. The road traffic noise is reduced at night-time with the dominant noise source being

background animal noises. A summary of the baseline noise monitoring survey is shown in Table A.15.2 below.

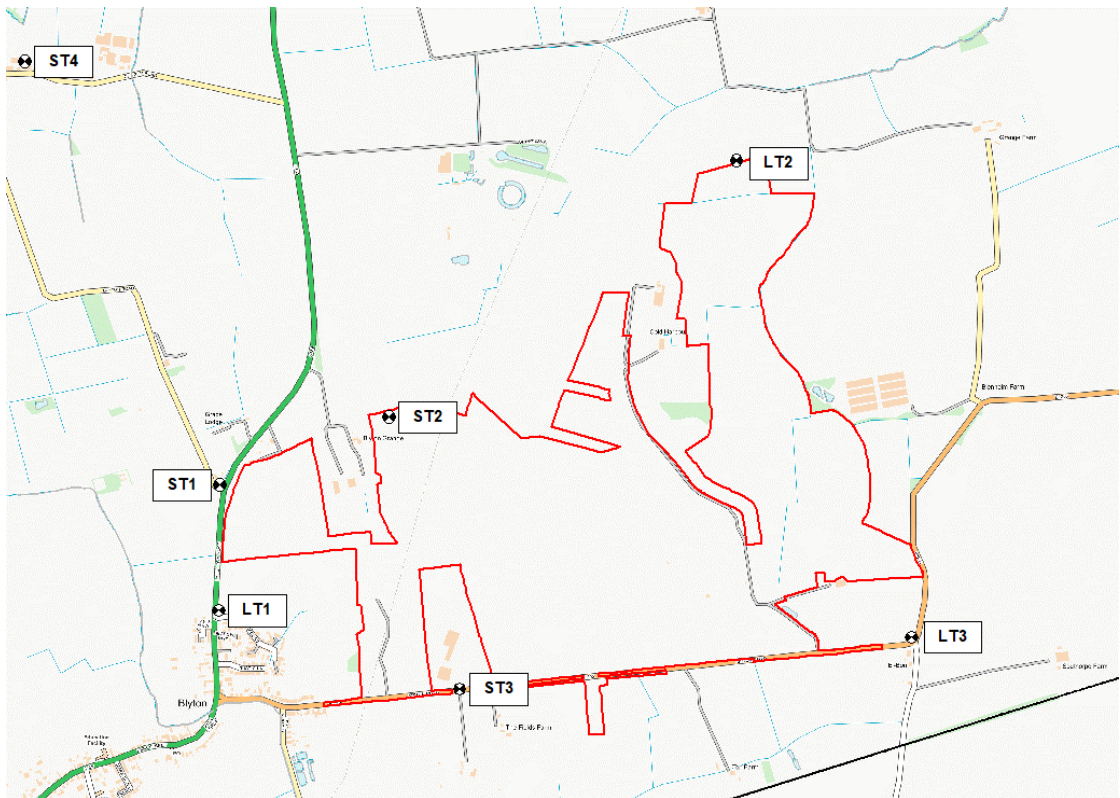
**Table A.15.2 Results of Baseline Noise Monitoring Survey (Average Levels)**

| Period                              | Duration (T) | Monitoring Date and Times                | Location | L <sub>Aeq,T</sub> (dB) | L <sub>Amax,T</sub> (dB) | L <sub>Amin,T</sub> (dB) | L <sub>A10,T</sub> (dB) | L <sub>A90,T</sub> (dB) |
|-------------------------------------|--------------|--|----------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| Weekday Daytime<br>07:00 - 23:00    | 72 Hours     | 09/09/2021 – 16/09/2021<br>07:00 - 23:00 | LT1      | 50.3                    | 102.8                    | 21.7                     | 45.0                    | 36.0                    |
| Weekday Night-time<br>23:00 – 07:00 | 41 Hours     | 09/09/2021 – 16/09/2021<br>23:00 - 07:00 |          | 37.2                    | 75.5                     | 19.9                     | 32.8                    | 22.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 09/09/2021 – 16/09/2021<br>07:00 - 23:00 |          | 46.1                    | 71.1                     | 21.2                     | 44.3                    | 31.0                    |
| Weekend Night-time<br>23:00 – 07:00 | 16 hours     | 09/09/2021 – 16/09/2021<br>23:00 - 07:00 |          | 34.5                    | 67.5                     | 19.6                     | 31.6                    | 22.0                    |
| Weekday Daytime<br>07:00 - 23:00    | 72 Hours     | 09/09/2021 – 16/09/2021<br>07:00 - 23:00 | LT2      | 50.6                    | 89.0                     | 19.6                     | 44.5                    | 34.0                    |
| Weekday Night-time<br>23:00 – 07:00 | 41 Hours     | 09/09/2021 – 16/09/2021<br>23:00 - 07:00 |          | 44.7                    | 94.5                     | 18.3                     | 33.7                    | 22.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 09/09/2021 – 16/09/2021<br>07:00 - 23:00 |          | 48.9                    | 98.6                     | 19.9                     | 42.9                    | 36.0                    |
| Weekend Night-time<br>23:00 – 07:00 | 16 hours     | 09/09/2021 – 16/09/2021<br>23:00 - 07:00 |          | 38.7                    | 74.4                     | 18.1                     | 32.9                    | 22.0                    |
| Daytime<br>07:00 - 19:00            | 15 Mins      | 09/09/2021<br>13:51                      | ST1      | 73.5                    | 91.6                     | 34.0                     | 78.6                    | 38.6                    |
|                                     | 15 Mins      | 09/09/2021<br>14:17                      | ST2      | 50.0                    | 74.6                     | 32.1                     | 46.4                    | 37.1                    |
|                                     | 15 Mins      | 09/09/2021<br>13:26                      | ST3      | 44.4                    | 67.7                     | 29.7                     | 46.0                    | 36.3                    |
| Evening<br>19:00 - 23:00            | 15 Mins      | 09/09/2021<br>19:30                      | ST1      | 70.5                    | 92.8                     | 31.2                     | 71.0                    | 38.5                    |
|                                     | 15 Mins      | 09/09/2021<br>19:51                      | ST2      | 36.0                    | 50.9                     | 27.2                     | 39.0                    | 30.5                    |
|                                     | 15 Mins      | 09/09/2021<br>21:56                      | ST3      | 36.1                    | 49.8                     | 21.6                     | 39.4                    | 27.1                    |
| Night-time<br>23:00 - 07:00         | 15 Mins      | 10/09/2021<br>01:18                      | ST1      | 61.2                    | 88.3                     | 17.4                     | 40.3                    | 18.7                    |
|                                     | 15 Mins      | 10/09/2021<br>01:38                      | ST2      | 24.8                    | 46.9                     | 17.9                     | 24.5                    | 18.8                    |
|                                     | 15 Mins      | 10/09/2021<br>00:58                      | ST3      | 29.2                    | 63.8                     | 17.1                     | 29.5                    | 19.6                    |

### 1.3 Cottam 3a Noise Survey

1.3.1 The baseline noise environment has been established following a noise survey undertaken from Thursday 9th September 2021 to Thursday 16th September 2021. Attended 15-minute short-term measures were undertaken at four locations during the day, evening and night-time periods with two additional locations being measured unattended over a 169-hour period.

**Figure A.15.3 Noise Monitoring Locations**



Not to scale. OS Licence No. AL553611

1.3.2 The dominant noise sources found in the area include road traffic noise from Laughton Road, Kirkton Road and Church Road. A summary of the baseline noise monitoring survey is shown in Table A.15.3 below.

**Table A.15.3 Results of Baseline Noise Monitoring Survey (Average Levels)**

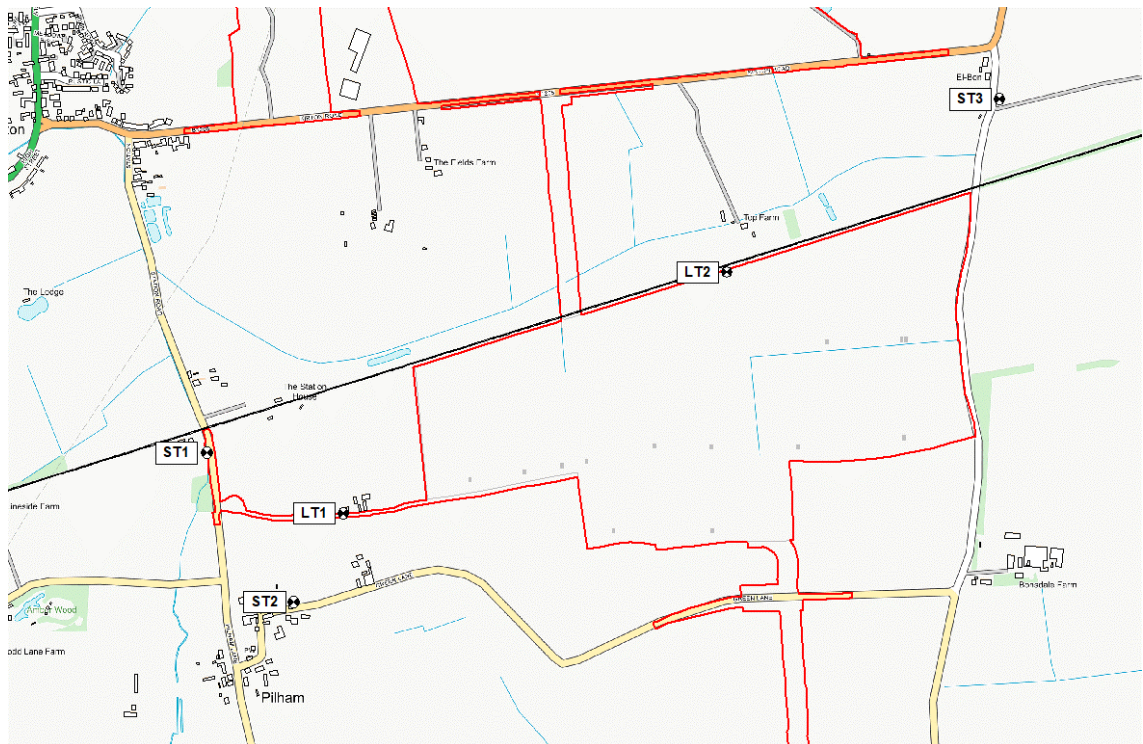
| Period                              | Duration (T) | Monitoring Date and Times                | Location | L <sub>Aeq,T</sub> (dB) | L <sub>Amax,T</sub> (dB) | L <sub>Amin,T</sub> (dB) | L <sub>A10,T</sub> (dB) | L <sub>A90,T</sub> (dB) |
|-------------------------------------|--------------|--|----------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| Weekday Daytime<br>07:00 - 23:00    | 81 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT1      | 63.4                    | 96.9                     | 20.2                     | 65.9                    | 44.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 40 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 55.6                    | 87.8                     | 17.8                     | 44.2                    | 19.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 11/09/2021 - 12/09/2021<br>07:00 - 23:00 |          | 61.5                    | 99.1                     | 18.4                     | 63.7                    | 44.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 11/09/2021 - 12/09/2021<br>23:00 - 07:00 |          | 52.7                    | 81.4                     | 18.4                     | 43.2                    | 22.0                    |
| Weekday Daytime<br>07:00 - 23:00    | 81 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT2      | 47.8                    | 89.3                     | 17.6                     | 41.1                    | 32.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 40 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 30.3                    | 69.0                     | 15.4                     | 28.8                    | 20.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 11/09/2021 - 12/09/2021<br>07:00 - 23:00 |          | 59.9                    | 90.6                     | 16.5                     | 48.5                    | 34.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 11/09/2021 - 12/09/2021<br>23:00 - 07:00 |          | 29.4                    | 53.4                     | 15.9                     | 29.4                    | 19.0                    |
| Weekday Daytime<br>07:00 - 23:00    | 81 Hours     | 09/09/2021 - 16/09/2021<br>07:00 - 23:00 | LT3      | 55.7                    | 100.1                    | 18.8                     | 56.4                    | 40.0                    |
| Weekday Night-time<br>23:00 - 07:00 | 40 Hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 47.9                    | 91.6                     | 17.5                     | 36.9                    | 24.0                    |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 11/09/2021 - 12/09/2021<br>07:00 - 23:00 |          | 57.9                    | 95.2                     | 18.9                     | 56.8                    | 44.0                    |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 11/09/2021 - 12/09/2021<br>23:00 - 07:00 |          | 44.7                    | 73.8                     | 17.1                     | 36.7                    | 26.0                    |
| Daytime<br>07:00 - 19:00            | 15 Mins      | 09/09/2021 10:52                         | ST1      | 57.8                    | 74.2                     | 36.9                     | 61.6                    | 44.9                    |
|                                     | 15 Mins      | 09/09/2021 11:02                         | ST2      | 40.8                    | 63.4                     | 28.1                     | 43.5                    | 32.7                    |
|                                     | 15 Mins      | 09/09/2021 11:16                         | ST3      | 66.6                    | 86.1                     | 25.2                     | 63.8                    | 29.9                    |
|                                     | 15 Mins      | 09/09/2021 11:29                         | ST4      | 48.9                    | 74.0                     | 28.0                     | 42.8                    | 31.9                    |
| Evening<br>19:00 - 23:00            | 15 Mins      | 09/09/2021 19:28                         | ST1      | 55.8                    | 73.0                     | 32.6                     | 60.6                    | 40.9                    |
|                                     | 15 Mins      | 09/09/2021 20:37                         | ST2      | 48.6                    | 66.9                     | 22.1                     | 51.3                    | 26.4                    |
|                                     | 15 Mins      | 09/09/2021 20:16                         | ST3      | 55.8                    | 76.2                     | 25.9                     | 56.1                    | 29.5                    |
|                                     | 15 Mins      | 09/09/2021 19:50                         | ST4      | 41.0                    | 60.3                     | 23.5                     | 45.2                    | 27.3                    |
| Night-time<br>23:00 - 07:00         | 15 Mins      | 10/09/2021 00:06                         | ST1      | 46.5                    | 72.7                     | 21.7                     | 44.48                   | 23.6                    |
|                                     | 15 Mins      | 09/09/2021 23:48                         | ST2      | 44.5                    | 67.2                     | 18.5                     | 42.6                    | 21.5                    |
|                                     | 15 Mins      | 10/09/2021 00:27                         | ST3      | 26.7                    | 58.0                     | 18.2                     | 25.5                    | 20.7                    |
|                                     | 15 Mins      | 09/09/2021 23:29                         | ST4      | 31.4                    | 67.4                     | 20.5                     | 28.0                    | 21.8                    |



## 1.4 Cottam 3B Noise Survey

- 1.4.1 The baseline noise environment has been established following a noise survey undertaken from Thursday 9<sup>th</sup> September 2021 to Thursday 16<sup>th</sup> September 2021. Attended 15-minute short-term measures were undertaken at four locations during the day, evening and night-time periods with two additional locations being measured unattended over a 164-hour period.

**Figure A.15.4 Noise Monitoring Locations**



Not to scale. OS Licence No. AL553611

- 1.4.2 The dominant noise source found in the area is road traffic noise from Station Road and Pilham Lane. A summary of the baseline noise monitoring survey is shown in Table A.15.4 below.

**Table A.15.4 Results of Baseline Noise Monitoring Survey (Average Levels)**

| Period                              | Duration (T) | Monitoring Date and Times                | Location | L <sub>Aeq,T</sub> (dB) | L <sub>Amax,T</sub> (dB) | L <sub>Amin,T</sub> (dB) | L <sub>A10,T</sub> (dB) | L <sub>A90,T</sub> (dB) |
|-------------------------------------|--------------|--|----------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| Weekday Daytime<br>07:00 - 23:00    | 78 Hours     | 09/09/2021 - 16/09/2021<br>13:58 - 12:03 | LT1      | 58.2                    | 109.9                    | 17.1                     | 41.9                    | 36                      |
| Weekday Night-time<br>23:00 - 07:00 | 40 hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 35.3                    | 85.6                     | 16.0                     | 30.2                    | 20                      |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 11/09/2021 - 12/09/2021<br>07:00 - 23:00 |          | 54.7                    | 87.2                     | 17.0                     | 45.0                    | 34                      |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 11/09/2021 - 12/09/2021<br>23:00 - 07:00 |          | 34.5                    | 85.8                     | 16.4                     | 31.2                    | 20                      |
| Weekday Daytime<br>07:00 - 23:00    | 77 Hours     | 09/09/2021 - 16/09/2021<br>12:54 - 08:54 | LT2      | 59.5                    | 102.2                    | 17.6                     | 40.7                    | 32                      |
| Weekday Night-time<br>23:00 - 07:00 | 40 hours     | 09/09/2021 - 16/09/2021<br>23:00 - 07:00 |          | 32.9                    | 73.8                     | 15.9                     | 29.5                    | 18                      |
| Weekend Daytime<br>07:00 - 23:00    | 32 Hours     | 11/09/2021 - 12/09/2021<br>07:00 - 23:00 |          | 56.5                    | 90.7                     | 16.9                     | 44.5                    | 36                      |
| Weekend Night-time<br>23:00 - 07:00 | 16 hours     | 11/09/2021 - 12/09/2021<br>23:00 - 07:00 |          | 34.5                    | 74.7                     | 16.2                     | 30.6                    | 20                      |
| Daytime<br>07:00 - 19:00            | 15 Mins      | 09/09/2021<br>12:29                      | ST1      | 65.9                    | 85.5                     | 30.0                     | 66.0                    | 34.3                    |
|                                     | 15 Mins      | 09/09/2021<br>12:49                      | ST2      | 41.3                    | 56.3                     | 30.9                     | 44.7                    | 34.5                    |
|                                     | 15 Mins      | 09/09/2021<br>12:28                      | ST3      | 43.4                    | 71.3                     | 25.4                     | 40.2                    | 28.8                    |
|                                     | 15 Mins      | 09/09/2021<br>12:54                      | ST4      | 46.8                    | 69.1                     | 32.2                     | 47.1                    | 35.9                    |
| Evening<br>19:00 - 23:00            | 15 Mins      | 09/09/2021<br>21:24                      | ST1      | 55.1                    | 77.2                     | 24.3                     | 52.1                    | 28.2                    |
|                                     | 15 Mins      | 09/09/2021<br>21:43                      | ST2      | 56.9                    | 81.4                     | 22.8                     | 48.9                    | 25.7                    |
|                                     | 15 Mins      | 09/09/2021<br>21:00                      | ST3      | 43.4                    | 79.3                     | 17.5                     | 36.7                    | 22.4                    |
|                                     | 15 Mins      | 09/09/2021<br>19:06                      | ST4      | 39.3                    | 64.9                     | 25.2                     | 38.5                    | 28.0                    |
| Night-time<br>23:00 - 07:00         | 15 Mins      | 10/09/2021<br>01:03                      | ST1      | 34.8                    | 67.4                     | 20.4                     | 33.8                    | 23.3                    |
|                                     | 15 Mins      | 10/09/2021<br>01:20                      | ST2      | 26.0                    | 50.6                     | 17.6                     | 27.8                    | 19.4                    |
|                                     | 15 Mins      | 10/09/2021<br>00:45                      | ST3      | 28.9                    | 60.6                     | 17.3                     | 24.4                    | 18.8                    |
|                                     | 15 Mins      | 10/09/2021<br>01:57                      | ST4      | 31.2                    | 43.2                     | 25.0                     | 33.0                    | 27.7                    |