

Rosefield Solar Farm

Chapter 13: Noise and Vibration Figures

APFP Regulation Reg 5(2)(a)
Planning Act 2008
Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009
EN010158/APP/6.3.4
Revision 4
Deadline 3
May 2026
Rosefield Energyfarm Limited



ES Volume 3: Figures

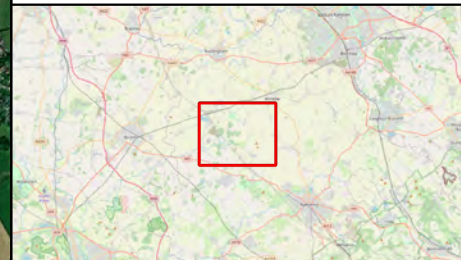
Chapter 13: Noise and Vibration

Drawing number	Revision number	Drawing title	Scale	Reason for revision
13.1	02	Study Area and Receptors	1:30,000 @ A3	No change made
13.2	01	Baseline Survey Locations	1:30,000 @ A3	No change made
13.3	03	Operational Phase Noise Contours (without additional mitigation)	1:25,000 @ A3	Updated to show the central inverters.
13.4	03	Operational Phase Noise Contours (with additional mitigation)	1:25,000 @ A3	Updated to show the central inverters.



- LEGEND:
- Order Limits
 - Operational Phase Receptors
 - Construction Study Area

CRS: EPSG:27700
 Projection: Transverse Mercator
 Ellipsoid: EPSG:7001
 Units: meters



Rev	Date	Description	Drn	Chk	App
02	Mar 2026	Deadline 1	FA	KM	HH
01	Sep 2025	DCO SUBMISSION	FA	KM	HH

Rosefield Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT, VOLUME
 3 : FIGURES, REGULATION 5(2)(a)

TITLE:
 FIGURE 13.1 STUDY AREA AND
 RECEPTORS

PINS REFERENCE NUMBER:
 EN010158/APP/6.3.2

Scale: 1:30000 @A3

REV 02



LEGEND:

- Order Limits
- ⊕ Monitoring locations
- ⊕ Receptor

CRS: EPSG:27700
 Projection: Transverse Mercator
 Ellipsoid: EPSG:7001
 Units: meters



Rev	Date	Description	Drn	Chk	App
01	Sep 2025	DCO SUBMISSION	FA	KM	HH

Rosefield Solar Farm

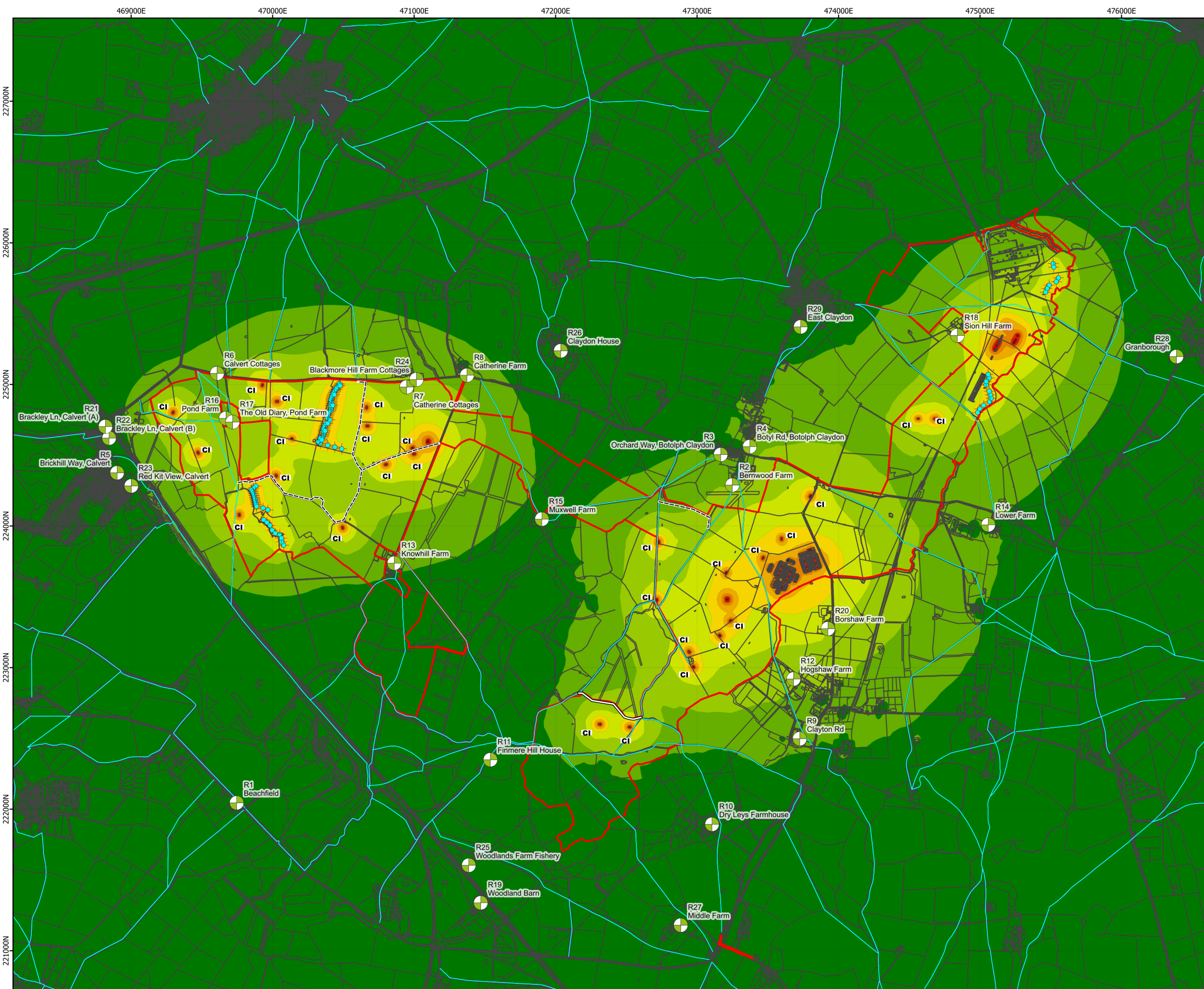
DOCUMENT:
 ENVIRONMENTAL STATEMENT, VOLUME
 3 : FIGURES, REGULATION 5(2)(a)

TITLE:
 FIGURE 13.2 BASELINE SURVEY
 LOCATIONS

PINS REFERENCE NUMBER:
 EN010158/APP/6.3

Scale: 1:30000 @A3

REV 01



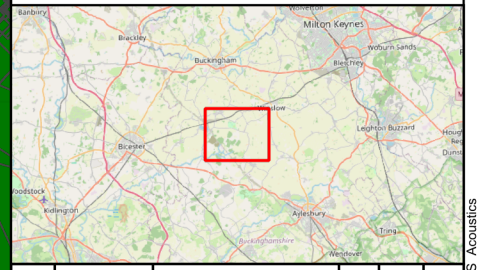
LEGEND:

- Order Limits
- Receptor
- + String inverters
- CI Central Inverters
- / ITS Stations
- Proposed Permissive Path
- Existing Permissive Path
- PRow
- BESS plant & infrastructure

Predicted specific noise level dB(A) at 1.5 A.G.L.

- <= 25
- 25 - 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- > 75

CRS: EPSG:27700
 Projection: Transverse Mercator
 Ellipsoid: EPSG:7001
 Units: meters



Rev	Date	Description	Drn	Chk	App
03	May 2026	Deadline 3	FA	MU	HH
02	Apr 2026	Deadline 2	FA	KM	HH
01	Sep 2025	DCO SUBMISSION	FA	KM	HH

Rosefield Solar Farm

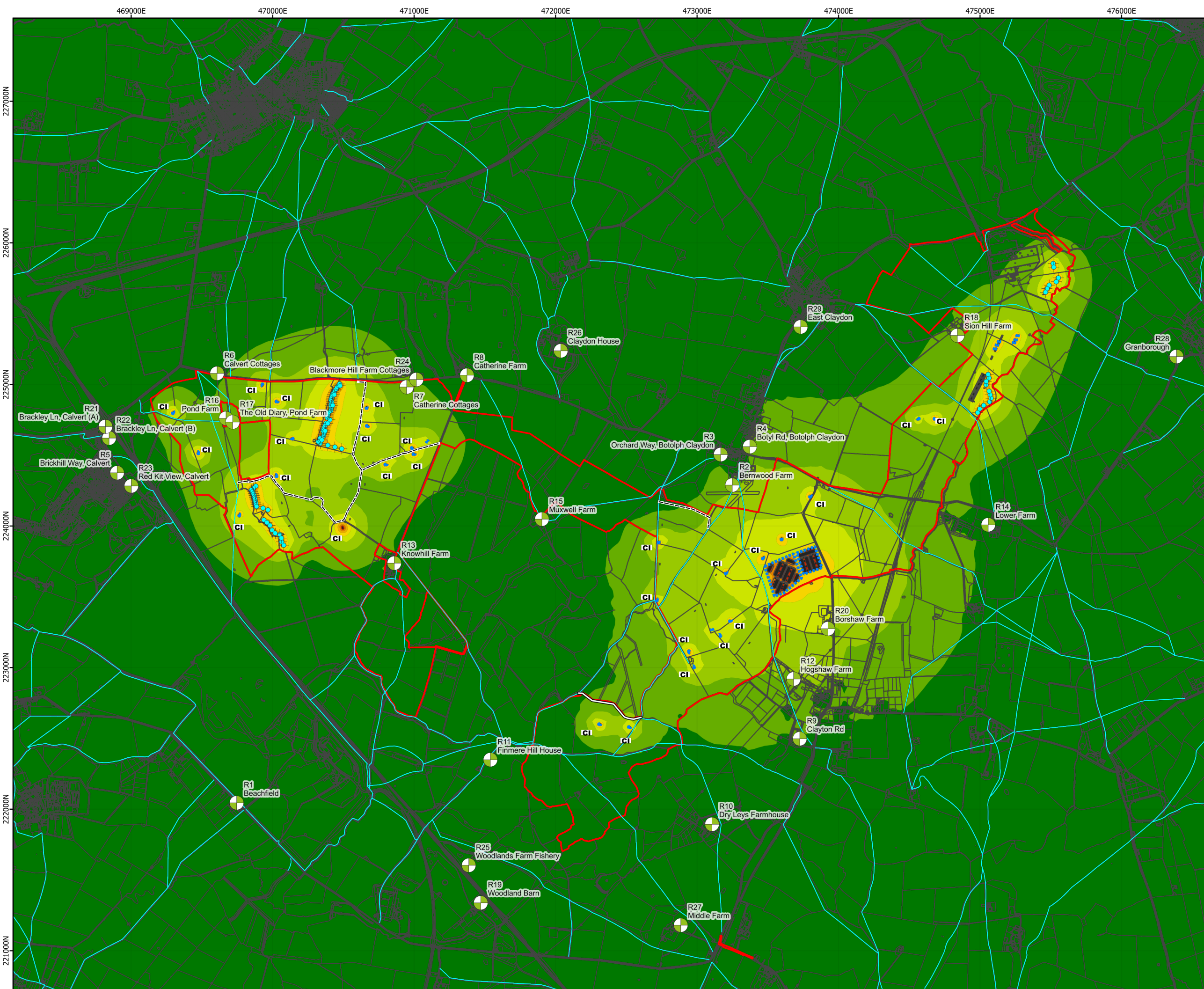
DOCUMENT:
 ENVIRONMENTAL STATEMENT, VOLUME
 3 : FIGURES, REGULATION 5(2)(a)

TITLE: FIGURE 13.3 OPERATIONAL
 PHASE NOISE CONTOURS
 (WITHOUT ADDITIONAL MITIGATION)

PINS REFERENCE NUMBER:
 EN010158/APP/6.3.4

Scale: 1:25000 @A3

REV 03



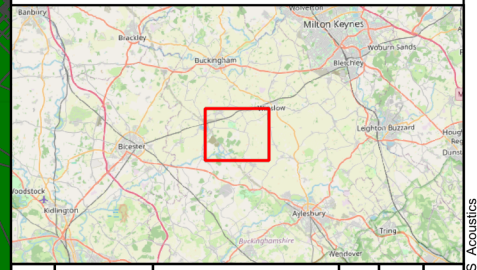
LEGEND:

- Order Limits
- Receptor
- String inverters
- Central Inverters/ ITS Stations
- PRoW
- Noise protection wall
- Existing Permissive Path
- Proposed Permissive Path
- BESS plant & infrastructure

Predicted specific noise level dB(A) at 1.5 A.G.L.

- <= 25
- 25 - 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- 65 - 70
- > 75

CRS: EPSG:27700
 Projection: Transverse Mercator
 Ellipsoid: EPSG:7001
 Units: meters



Rev	Date	Description	Drn	Chk	App
03	May 2026	Deadline 3	FA	MU	HH
02	Apr 2026	Deadline 2	FA	KM	HH
01	Sep 2025	DCO SUBMISSION	FA	KM	HH

Rosefield Solar Farm

DOCUMENT:
 ENVIRONMENTAL STATEMENT, VOLUME
 3 : FIGURES, REGULATION 5(2)(a)

TITLE: FIGURE 13.4 OPERATIONAL
 PHASE NOISE CONTOURS (WITH
 ADDITIONAL MITIGATION)

PINS REFERENCE NUMBER:
 EN010158/APP/6.3.4

Scale: 1:25000 @A3

REV 03

