

LEGEND

- Proposed Project Redline
- Proposed Turbine Locations
- Proposed Grid Connection Route
- Proposed Infrastructure Layout
- 🏠 Construction Noise Assessment Locations (CNALs)
- Noise Monitoring Locations (NML)
- Indicative HDD Entry/Exit Points

Noise Sensitive Receptors (NSR)

- Represented by NML1
- Represented by NML2
- Represented by NML3
- Represented by NML4
- Represented by NML5
- Represented by NML6
- Represented by NML7

Rev.	Date	Description	Drawn	Approved
2	24/09/2024	CLIENT ISSUE	KB	GC
		Amendment Details		



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Client



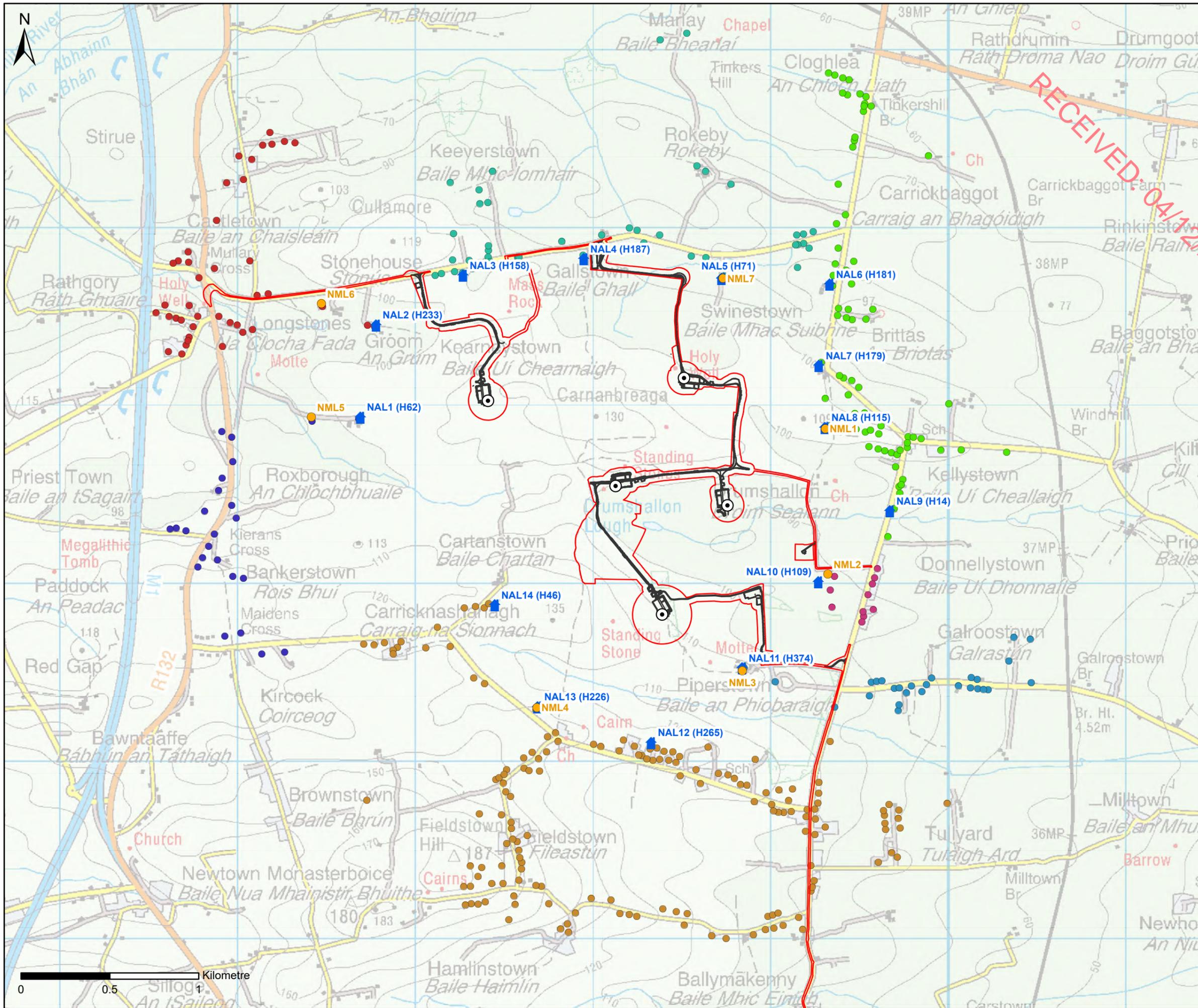
Drawing Status: **FOR PLANNING**

Project Title: **KELLYSTOWN WIND FARM**

Drawing Title: **FIGURE 13.1 - CONSTRUCTION NOISE ASSESSMENT LOCATIONS**

Scale: 1:35,000	Original Size: A3	Spatial Reference: IRENET95 Irish Transverse Mercator
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Drawing Number: **IE00125-025**



LEGEND

- Proposed Project Redline
- Proposed Turbine Locations
- Proposed Infrastructure Layout
- Noise Assessment Locations (NAL)
- Noise Monitoring Locations (NML)

Noise Sensitive Receptors (NSR)

- Represented by NML1
- Represented by NML2
- Represented by NML3
- Represented by NML4
- Represented by NML5
- Represented by NML6
- Represented by NML7

2	24/09/2024	SECOND ISSUE	KB	GC
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Client: edf renewables

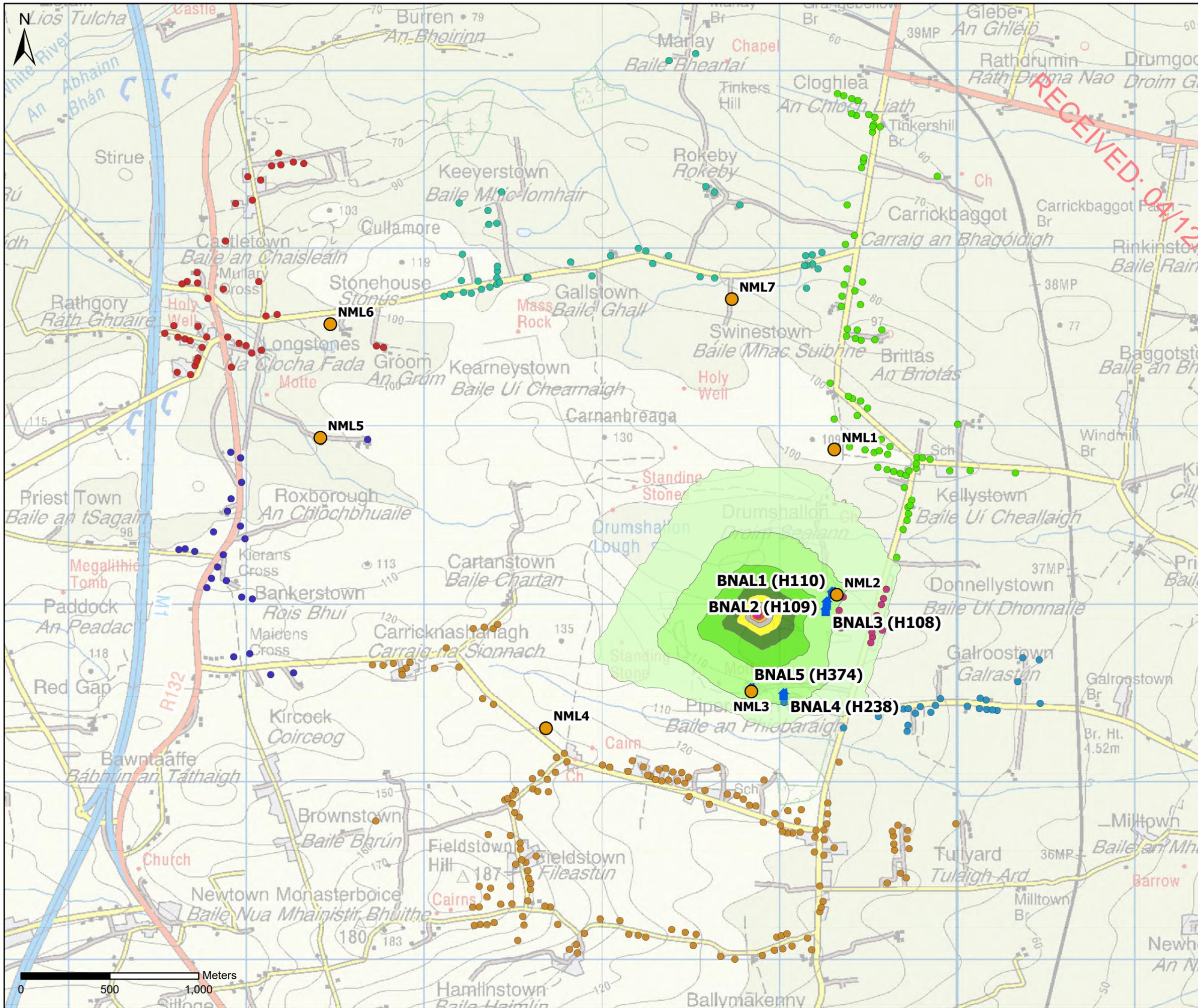
Drawing Status: FOR PLANNING

Project Title: KELLYSTOWN WIND FARM

Drawing Title: FIGURE 13.2 - NOISE MONITORING AND ASSESSMENT LOCATIONS

Scale: 1:20,000	Original Size: A3	Spatial Reference: IRENET95 Irish Transverse Mercator
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Drawing Number: IE00125-016



LEGEND

- Blue square: BESS Noise Assessment Locations (BNALs)
- Orange circle: Noise Monitoring Locations (NMLs)
- Pink rectangle: BESS Modelled Noise Sources
- Yellow rectangle: Buildings/ Structures

Noise Sensitive Receptors (NSR)

- Green circle: Represented by NML1
- Purple circle: Represented by NML2
- Blue circle: Represented by NML3
- Brown circle: Represented by NML4
- Dark blue circle: Represented by NML5
- Red circle: Represented by NML6
- Light green circle: Represented by NML7

Predicted Noise Levels (dBA)

Lightest Green	25 - 30	Grey	50 - 55
Light Green	30 - 35	Orange	55 - 60
Medium Green	35 - 40	Red	60 - 65
Dark Green	40 - 45	Dark Red	65 - 70
Yellow	45 - 50	Blue	70 - 75

Noise contours modelled in accordance with ISO9613 Part 2:1996 at a height of 4 m and displayed on a 2.5 m by 2.5 m grid. All noise sources assumed to be operating concurrently.

All levels shown as dB LAeq(t)

1	24/09/2024	FIRST ISSUE	KB	GC
Rev.	Date	Amendment Details	Drawn	Approved

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Client: **edf renewables**

Drawing Status: **FOR PLANNING**

Project Title: **KELLYSTOWN WIND FARM**

Drawing Title: **FIGURE 13.3 - BESS NOISE SENSITIVE RECEPTORS AND NOISE CONTOUR PLOT**

Scale: 1:20,000 | Original Size: A3 | Spatial Reference: IRENE195 Irish Transverse Mercator

Drawing Number: **IE00125-026**