

# Appendix A.18.3

## Calculated Road Traffic Noise Levels

A.18.3 Calculated Road Traffic Noise Levels

Document Verification





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File reference Appendix A.18.3 Calculated Road Traffic Noise Levels

Revision	Date	Filename	Appendix A.17.3 Calculated Road Traffic Noise Levels		
Issue 1	28 Sept 2018	Description	Issued as A.17.3 to 2018 EIAR		
			Prepared by	Checked by	Approved by
		Name	AWN	Mary Hurley	Eileen McCarthy
		Signature			
Issue 2	28 Mar 2025	Filename	Appendix A.18.3 Calculated Road Traffic Noise Levels		
		Description	Issued for 2025 RFI Response with updated noise calcs.		
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Issue Document Verification with Document ☒

**Table A18.2.1 Calculated Traffic Noise Levels – Without Mitigation Opening Year 2031**

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
1	R336 West of Bearna West Roundabout	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
2	R336 West of Bearna West Roundabout	59	60	No	No	No	Negligible	Medium	Not Significant - Slight
3	Na Foraí Maola Thoir	40	44	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
4	Na Foraí Maola Thoir	39	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
5	R336 West of Bearna West Roundabout	63	63	Yes	No	Yes	Negligible	High	Imperceptible/Positive
6	R336 West of Bearna West Roundabout	63	63	Yes	No	Yes	Negligible	High	Imperceptible/Positive
7	R336 West of Bearna West Roundabout	58	58	No	No	Yes	Minor	Medium	Not Significant - Slight
8	R336 East of Bearna West Roundabout	59	58	No	No	Yes	Negligible	Medium	Imperceptible/Positive
9	Na Foraí Maola Thoir	44	53	No	Yes	Yes	Major	Low	Slight
10	Na Foraí Maola Thoir	39	54	No	Yes	Yes	Major	Low	Slight
11	Na Foraí Maola Thoir	45	52	No	Yes	Yes	Major	Low	Slight
12	R336 East of Bearna West Roundabout	67	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
13	Na Foraí Maola Thoir	36	59	No	Yes	Yes	Major	Medium	Moderate
14	Na Foraí Maola Thoir	45	50	No	Yes	Yes	Major	Negligible	Not Significant
15	Na Foraí Maola Thoir	40	49	No	Yes	Yes	Major	Negligible	Not Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
16	Na Foraf Maola Thiar	36	52	No	Yes	Yes	Major	Low	Slight
17	Na Foraf Maola Thoir	53	52	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
18	Na Foraf Maola Thoir	37	50	No	Yes	Yes	Major	Negligible	Not Significant
19	Na Foraf Maola Thoir (to be demolished)	37	60	No	Yes	Yes	N/A	N/A	N/A
20	Na Foraf Maola Thoir	47	49	No	Yes	Yes	Moderate	Negligible	Not Significant
21	Na Foraf Maola Thoir	45	48	No	Yes	Yes	Moderate	Negligible	Not Significant
22	Na Foraf Maola Thoir	36	52	No	Yes	Yes	Major	Low	Slight
23	Na Foraf Maola Thiar	36	55	No	Yes	Yes	Major	Medium	Moderate
24	Na Foraf Maola Thiar	38	50	No	Yes	Yes	Major	Negligible	Not Significant
25	Foraf Maola Road	46	48	No	Yes	No	Minor	Negligible	Not Significant
26	Foraf Maola Road	42	52	No	Yes	Yes	Major	Low	Slight
27	Na Foraf Maola Thiar (to be acquired)	41	61	Yes	Yes	Yes	Major (N/A)	High	Significant
28	Foraf Maola Road	40	47	No	Yes	Yes	Major	Negligible	Not Significant
29	Foraf Maola Road	39	53	No	Yes	Yes	Major	Low	Slight
30	R336 East of Bearna West Roundabout	66	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
31	Na Foraf Maola Thoir	33	51	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
32a	Na Foraf Maola Thoir (front)	45	55	No	Yes	Yes	Major	Medium	Moderate
32b	Na Foraf Maola Thoir (rear)	33	56	No	Yes	Yes	Major	Medium	Moderate
33	Na Foraf Maola Thoir	46	55	No	Yes	Yes	Major	Medium	Moderate
34	Na Foraf Maola Thoir	39	51	No	Yes	Yes	Major	Low	Slight
35	Troscaigh Road	35	51	No	Yes	Yes	Moderate	Low	Not Significant
36	Troscaigh Road (to be acquired)	37	55	No	Yes	Yes	Major (N/A)	Medium	Moderate
37	Troscaigh Road	34	56	No	Yes	Yes	Major	Medium	Moderate
38	Troscaigh Road	34	53	No	Yes	Yes	Major	Low	Slight
39	Troscaigh Road	33	55	No	Yes	Yes	Major	Medium	Moderate
40	Troscaigh Road	33	59	No	Yes	Yes	Major	Medium	Moderate
41	Troscaigh Road	36	48	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
42	Troscaigh Thiar	31	50	No	Yes	Yes	Major	Negligible	Not Significant
43	Troscaigh - Ann Gibbons Road	37	48	No	Yes	Yes	Minor	Negligible	Not Significant
44	Troscaigh - Ann Gibbons Road	35	52	No	Yes	Yes	Major	Low	Slight
45	Troscaigh - Ann Gibbons Road	34	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
46	Troscaigh - Ann Gibbons Road	39	58	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
47	Troscaigh Thoir	46	50	No	Yes	Yes	Moderate	Negligible	Not Significant
48	Troscaigh Thoir - L1321 North	54	57	No	Yes	Yes	Moderate	Medium	Slight
49	Troscaigh Thoir - L1321 North	59	60	No	Yes	Yes	Minor	Medium	Slight
50	Troscaigh Thoir - L1321 North	53	56	No	Yes	Yes	Minor	Medium	Slight
51	Troscaigh Thoir - L1321 South	60	61	Yes	Yes	No	Minor	High	Moderate - Significant
52	An Chloch Scoilte	38	49	No	Yes	Yes	Moderate	Negligible	Not Significant
53	An Chloch Scoilte	36	54	No	Yes	Yes	Moderate	Low	Slight
54a	An Chloch Scoilte (front)	35	44	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
54b	An Chloch Scoilte (rear)	37	49	No	Yes	Yes	Moderate	Negligible	Not Significant
55	An Chloch Scoilte	35	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
56	An Chloch Scoilte (to be acquired)	41	54	No	Yes	Yes	Major	Low	Slight
57	An Chloch Scoilte - Aille Road L5384	36	46	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
58	An Chloch Scoilte- Aille Road L5384	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
59	An Chloch Scoilte- Aille Road L5384 (to be acquired)	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
60	Ballard East	39	53	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
61	An Chloch Scoilte - Aille Road L5384 (commercial)	42	53	No	Yes	Yes	Moderate	Low	Slight
62	Cappagh Road North	55	55	No	No	Yes	Minor	Medium	Imperceptible/Positive
63a	Cappagh Road North (rear)	56	62	Yes	Yes	Yes	Major	High	Significant
63b	Cappagh Road North (side/front)	61	61	Yes	No	Yes	Minor	High	Not Significant - Slight
64a	Cappagh Road North (front)	58	59	No	No	Yes	Minor	Medium	Slight
64b	Cappagh Road North (rear)	41	48	No	Yes	Yes	Negligible	Negligible	Not Significant
65a	Cappagh Road North (front)	60	60	No	No	Yes	Minor	Medium	Not Significant - Slight
65b	Cappagh Road North (rear)	46	56	No	Yes	Yes	Major	Medium	Moderate
66a	Cappagh Road South (side / rear)	55	60	No	Yes	Yes	Major	Medium	Moderate
66b	Cappagh Road South (front)	62	64	Yes	Yes	Yes	Minor	High	Moderate - Significant
67a	Cappagh Road South (rear)	42	53	No	Yes	Yes	Major	Low	Slight
67b	Cappagh Road South (front)	57	59	No	Yes	Yes	Moderate	Medium	Slight
68	Ballyburke	42	48	No	Yes	Yes	Major	Negligible	Not Significant
69	Ballyburke	42	50	No	Yes	Yes	Major	Negligible	Not Significant
70	Ballyburke	42	52	No	Yes	Yes	Major	Low	Slight
71	Ballyburke	44	54	No	Yes	Yes	Major	Low	Slight



Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
72	Ballymoneen Road South	40	52	No	Yes	Yes	Major	Low	Slight
73	Ballymoneen Road South	44	51	No	Yes	Yes	Major	Low	Slight
74a	Ballymoneen Road South	54	64	Yes	Yes	Yes	Major	High	Significant
74b	Ballymoneen Road South	39	65	Yes	Yes	Yes	Major	Very High	Very Significant
75a	Ballymoneen Road South	56	61	Yes	Yes	Yes	Major	High	Significant
75b	Ballymoneen Road South	40	54	No	Yes	Yes	Major	Low	Slight
76	Ballymoneen Road North	56	60	No	Yes	Yes	Major	Medium	Moderate
77	Ballymoneen Road South	57	61	Yes	Yes	No	Moderate	High	Significant
78	Ballymoneen Road South	58	62	Yes	Yes	No	Moderate	High	Significant
79	Ballymoneen Road North	60	64	Yes	Yes	Yes	Minor	High	Significant
80a	Ballymoneen Road North (front)	58	63	Yes	Yes	Yes	Major	High	Significant
80b	Ballymoneen Road North (rear)	50	61	Yes	Yes	Yes	Major	High	Significant
81	Ballymoneen Road South	45	51	No	Yes	Yes	Major	Low	Slight
82	Ballymoneen	59	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
83	Ballymoneen Road	60	64	Yes	Yes	No	Major	High	Significant
84	Ballymoneen	59	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
85	Árd na Gaoithe - Ballymoneen	41	56	No	Yes	Yes	Major	Medium	Moderate
86	Árd na Gaoithe - Ballymoneen	42	60	No	Yes	Yes	Major	Medium	Moderate
87	Árd na Gaoithe - Ballymoneen	38	46	No	Yes	Yes	Minor	Negligible	Not Significant
88	Árd na Gaoithe - Ballymoneen	43	59	No	Yes	Yes	Major	Medium	Moderate
89a	Rahoon Road (front)	56	56	No	No	No	Negligible	Medium	Imperceptible/Positive
89b	Rahoon Road (rear)	54	58	No	Yes	Yes	Moderate	Medium	Moderate
90	Rahoon Road	44	58	No	Yes	Yes	Major	Medium	Moderate
91a	Rahoon Road (front)	55	57	No	Yes	Yes	Moderate	Medium	Slight
91b	Rahoon Road (side)	52	57	No	Yes	Yes	Major	Medium	Moderate
92	Árd na Gaoithe - Ballymoneen	42	56	No	Yes	Yes	Major	Medium	Moderate
93	Clybaun Road South	44	56	No	Yes	Yes	Major	Medium	Moderate
94	Clybaun Road South	47	59	No	Yes	Yes	Major	Medium	Moderate
95	Clybaun Road North	45	59	No	Yes	Yes	Major	Medium	Moderate
96	Clybaun Road North	48	61	Yes	Yes	Yes	Major	High	Significant
97	Clybaun Road North	40	53	No	Yes	Yes	Moderate	Low	Slight
98	Clybaun Road North	41	54	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
99	Rahoon Road	45	50	No	Yes	Yes	Major	Negligible	Not Significant
100	Rahoon Road	57	58	No	No	Yes	Minor	Medium	Not Significant - Slight
101	Rahoon Road	50	55	No	Yes	Yes	Major	Medium	Moderate
102	Rahoon Road	54	55	No	No	Yes	Minor	Medium	Not Significant - Slight
103	Between Rahoon & Letteragh Road	42	54	No	Yes	Yes	Major	Low	Slight
104	Between Rahoon & Letteragh Road	45	49	No	Yes	Yes	Major	Negligible	Not Significant
105	Rahoon Road	62	61	Yes	No	No	Negligible	High	Imperceptible/Positive
106	Between Rahoon & Letteragh Road	42	61	Yes	Yes	Yes	Major	High	Significant
107	Letteragh Road North	56	61	Yes	Yes	Yes	Major	High	Significant
108	Letteragh Road North	54	58	No	Yes	Yes	Major	Medium	Moderate
109	Letteragh Road South	54	58	No	Yes	Yes	Major	Medium	Moderate
110	Letteragh Road South	52	59	No	Yes	Yes	Major	Medium	Moderate
111	N59 Moycullen Road (Parknagapple)	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
112	N59 Link Road/Busypark	47	52	No	Yes	Yes	Major	Low	Slight
113	Letteragh Road South	55	51	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
114	Bun A Chonic	43	54	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
115	Rosán Glas - Letteragh	49	55	No	Yes	Yes	Major	Medium	Moderate
116	Knocknabrona (to be acquired)	41	59	No	Yes	Yes	Major (N/A)	Medium	Moderate
117	Rosán Glas - Letteragh	61	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
118	Knocknabrona (to be acquired)	38	57	No	Yes	Yes	Major (N/A)	Medium	Moderate
119	Bushypark/N59 Moycullen Road	55	56	No	Yes	No	Minor	Medium	Slight
120a	Letteragh Road South (front)	60	62	Yes	Yes	Yes	Moderate	High	Moderate - Significant
120b	Letteragh Road South (side)	55	59	No	Yes	Yes	Major	Medium	Moderate
121	Bushypark/N59 Moycullen Road	64	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
122	Bushypark/N59 Moycullen Road	59	58	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
123	Bushypark/N59 Moycullen Road	66	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
124	Knocknabrona (Cloghscoltia)	42	55	No	Yes	Yes	Major	Medium	Moderate
125	Knocknabrona (Cloghscoltia)	44	55	No	Yes	Yes	Major	Medium	Moderate
126	N59 Link Road/Radharc an Locha	49	50	No	No	No	Minor	Negligible	Not Significant
127	St. James Church N59 Moycullen Road	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
128	Letteragh Road South	61	64	Yes	Yes	No	Moderate	High	Significant
129	Letteragh Road South	56	60	No	Yes	No	Moderate	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
130	Letteragh Road South	57	61	Yes	Yes	No	Moderate	High	Significant
131	N59 Moycullen Road	62	62	Yes	No	Yes	Negligible	High	Imperceptible/Positive
132	The Heath Knocknabrona	39	51	No	Yes	Yes	Major	Low	Slight
133	Knocknabrona	39	49	No	Yes	Yes	Negligible	Negligible	Imperceptible/Positive
134	Barnacranny	41	59	No	Yes	Yes	Major	Medium	Moderate
135	The Heath	41	58	No	Yes	Yes	Major	Medium	Moderate
136	Barnacranny	51	61	Yes	Yes	Yes	Major	High	Significant
137	Circular Road	39	48	No	Yes	Yes	Minor	Negligible	Not Significant
138	The Heath	44	65	Yes	Yes	Yes	Major	Very High	Very Significant
139	N59 Moycullen Road/Ard na Locha	62	63	Yes	Yes	Yes	Minor	High	Moderate - Significant
140	Barnacranny	50	67	Yes	Yes	Yes	Major	Very High	Very Significant
141	N59 Moycullen Road/Chestnut Lane	63	63	Yes	No	Yes	Negligible	High	Not Significant - Slight
142	N59 Moycullen Road/Ard na Locha	51	64	Yes	Yes	Yes	Major	High	Significant
143	The Heath_ Upper Dangan	44	57	No	Yes	Yes	Major (N/A)	Medium	Moderate
144a	Árd an Locha (to be acquired)	55	68	Yes	Yes	Yes	Major (N/A)	Very High	Very Significant
144b	Árd an Locha (to be acquired)	58	63	Yes	Yes	Yes	Major (N/A)	High	Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
145	The Heath	47	61	Yes	Yes	Yes	Major	High	Significant
146a	Árd an Locha (side)	46	66	Yes	Yes	Yes	Major	Very High	Very Significant
146b	Árd an Locha (rear)	51	68	Yes	Yes	Yes	Major	Very High	Very Significant
147a	Árd an Locha (front)	60	65	Yes	Yes	Yes	Major	Very High	Very Significant
147b	Árd an Locha/N59 Moycullen Road (side)	67	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
148a	N59 Moycullen Road/Aughnacurra (rear)	62	64	Yes	Yes	Yes	Minor	High	Moderate - Significant
148b	N59 Moycullen Road/Aughnacurra (side/front)	66	65	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
149	Circular Road Upper Dangan	48	59	No	Yes	Yes	Major	Medium	Moderate
150	St. James National School Upper Dangan	48	62	Yes	Yes	Yes	Major	High	Significant
151a	Upper Dangan/N59 Moycullen Road (front)	60	66	Yes	Yes	Yes	Major	Very High	Very Significant
151b	Upper Dangan/N59 Moycullen Road (side)	58	66	Yes	Yes	Yes	Major	Very High	Very Significant
152	Aughnacurra	49	59	No	Yes	Yes	Major	Medium	Moderate
153	Aughnacurra (to be acquired)	57	67	Yes	Yes	Yes	Major (N/A)	Very High	Very Significant
154	Aughnacurra	52	64	Yes	Yes	Yes	Major	High	Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
155	Upper Dangan/N59 Moycullen Road	62	63	Yes	Yes	Yes	Minor	High	Moderate - Significant
156	Aughnacurra	45	63	Yes	Yes	Yes	Major	High	Significant
157	N59 Moycullen Road	64	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
158	UoG	50	66	Yes	Yes	Yes	Major	Very High	Very Significant
159	N59 Moycullen Road	69	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
160	UoG	47	67	Yes	Yes	Yes	Major	Very High	Very Significant
161	N59 Moycullen Road	69	67	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
162	N59 Moycullen Road/UoG	60	61	Yes	No	Yes	Minor	High	Not Significant - Slight
163	Dangan House	44	60	No	Yes	Yes	Major	Medium	Moderate
164	N59 Moycullen Road/Clifton Close	64	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
165	Menlo Castle	46	62	Yes	Yes	Yes	Major	High	Significant
166	The Orchard, Menlo Park, Menlough	40	56	No	Yes	Yes	Major	Medium	Moderate
167	Menlough/Bóthar Nua	43	59	No	Yes	Yes	Major	Medium	Moderate
168a	Coolough Road (front)	40	62	Yes	Yes	Yes	Major	High	Significant
168b	Coolough Road (rear)	43	62	Yes	Yes	Yes	Major	High	Significant
169	Menlough/Sean Bothar	46	58	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
170a	Menlough/Sean Bothar (front)	59	63	Yes	Yes	Yes	Moderate	High	Significant
170b	Menlough/Sean Bothar (rear)	51	62	Yes	Yes	Yes	Major	High	Significant
171	Coolough Road	45	56	No	Yes	Yes	Major	Medium	Moderate
172	N84 Headford Road/Ballinfoyle	64	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
173	Ballindooley Boithrin/N84 Junction	56	65	Yes	Yes	Yes	Major	Very High	Very Significant
174a	N84 Headford Road Junction South	67	64	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
174b	N84 Headford Road Junction South	58	61	Yes	Yes	Yes	Moderate	High	Significant
175a	N84 Headford Road Junction South (to be demolished)	68	66	Yes	No	Yes	N/A	N/A	N/A
175b	N84 Headford Road Junction South (to be demolished)	65	66	Yes	No	Yes	N/A	N/A	N/A
176	N84 Headford Road Junction South	55	61	Yes	Yes	Yes	Major	High	Significant
177a	N84 Headford Road Junction (front)	61	64	Yes	Yes	Yes	Moderate	High	Significant
177b	N84 Headford Road Junction (rear)	64	65	Yes	Yes	Yes	Minor	Very High	Significant
178	Ballindooley Boithrin/N84 Junction	52	61	Yes	Yes	Yes	Major	High	Significant
179	Ballindooley/N84 Headford Road	65	67	Yes	Yes	No	Minor	Very High	Significant
180	Ballindooley/N84 Headford Road	65	67	Yes	Yes	No	Minor	Very High	Significant



Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
181	N84 Headford Road Junction	68	69	Yes	Yes	Yes	Minor	Very High	Significant
182	N84 Headford Road Junction	70	71	Yes	No	Yes	Negligible	Very High	Not Significant - Slight
183	N84 Headford Road Junction	61	64	Yes	Yes	Yes	Moderate	High	Significant
184	N84 Headford Road Junction (to be demolished)	61	65	Yes	Yes	Yes	N/A	N/A	N/A
185	Ballindooley/N84 Headford Road	65	66	Yes	Yes	No	Minor	Very High	Significant
186	Ballindooley/N84 Headford Road	67	69	Yes	Yes	No	Minor	Very High	Significant
187	Bóthar an Chóiste	52	58	No	Yes	Yes	Major	Medium	Moderate
188	Bóthar an Chóiste	49	60	No	Yes	Yes	Major	Medium	Moderate
189	Bóthar an Chóiste	47	56	No	Yes	Yes	Major	Medium	Moderate
190	Bóthar an Chóiste	49	59	No	Yes	Yes	Major	Medium	Moderate
191	Castlegar	47	60	No	Yes	Yes	Major	Medium	Moderate
192	Castlegar	48	64	Yes	Yes	Yes	Major	High	Significant
193	Castlegar	48	60	No	Yes	Yes	Major	Medium	Moderate
194	School Road North	50	63	Yes	Yes	Yes	Major	High	Significant
195a	School Road (front) (to be acquired)	60	57	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
195b	School Road (rear) (to be acquired)	53	65	Yes	Yes	Yes	Major (N/A)	Very High	Very Significant
196	School Road North	50	62	Yes	Yes	Yes	Major	High	Significant
197	Castlegar School	57	58	No	No	Yes	Minor	Medium	Not Significant - Slight
198a	Castlegar/School Road South - rear (to be acquired)	53	61	Yes	Yes	Yes	Major (N/A)	High	Significant
198b	Castlegar/School Road South - front (to be acquired)	61	59	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive
199	Castlegar School	53	58	No	Yes	Yes	Major	Medium	Moderate
200	Castlegar/School Road South (to be demolished)	51	61	Yes	Yes	Yes	N/A	N/A	N/A
201	Castlegar/School Road South	48	56	No	Yes	Yes	Major	Medium	Moderate
202	Castlegar/School Road South	46	52	No	Yes	Yes	Major	Low	Slight
203	Castlegar	49	59	No	Yes	Yes	Major	Medium	Moderate
204	Castlegar/N83 Tuam Road	52	60	No	Yes	Yes	Major	Medium	Moderate
205	N83 Tuam Road South	71	70	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
206	Castlegar/N83 Tuam Road	59	62	Yes	Yes	Yes	Moderate	High	Moderate - Significant
207a	Castlegar/N83 Tuam Road South (front)	69	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
207b	Castlegar/N83 Tuam Road South (rear)	62	61	Yes	No	Yes	Negligible	High	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
208	Castlegar/N83 Tuam Road	56	64	Yes	Yes	Yes	Major	High	Significant
209	City North Park Link Road	59	60	No	Yes	Yes	Minor	Medium	Slight
210	N6 Bothar na dTreabh	75	74	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
211	Monivea Road R339 west	57	56	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
212	N83 Tuam Road North (front)	56	61	Yes	Yes	Yes	Major	High	Significant
212 R	N83 Tuam Road North (rear)	54	62	Yes	Yes	Yes	Major	High	Significant
213a	N83 Tuam Road North/Ceapach na Boirne (front)	71	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
213b	N83 Tuam Road North/Ceapach na Boirne (rear)	64	64	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
214	N83 Tuam Road North/Ceapach na Boirne	71	67	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
215	N83 Tuam Road North/Ceapach na Boirne	68	65	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
216	N17 Tuam Road North	69	67	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
217	The Meadows/N6 Bothar na dTreabh	71	72	Yes	No	No	Minor	Very High	Not Significant - Slight
218	Galway Racecourse	49	55	No	Yes	Yes	Major	Medium	Moderate
219	N83 Tuam Road South	71	73	Yes	Yes	No	Minor	Very High	Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
220	N83 Tuam Road North	67	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
221	Galway Racecourse	54	55	No	No	Yes	Minor	Medium	Not Significant - Slight
222	The Meadows/N6 Bothar na dTreabh	70	54	No	No	No	No Change/Reduction	Low	Imperceptible/Positive
223	N83 Tuam Road North	67	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
224	Racecourse Ave, Ballybrit	55	59	No	Yes	Yes	Major	Medium	Moderate
225	The Paddocks, N6 Bothar na dTreabh	73	72	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
226	Galway Racecourse	56	56	No	No	No	Minor	Medium	Not Significant - Slight
227	Galway Racecourse	53	55	No	Yes	Yes	Minor	Medium	Slight
228	Racecourse Business Park (to be demolished)	53	62	Yes	Yes	Yes	N/A	N/A	N/A
229	Racecourse Ave, Ballybrit (to be demolished)	55	62	Yes	Yes	Yes	N/A	N/A	N/A
230	Racecourse Ave, Ballybrit	54	56	No	Yes	Yes	Moderate	Medium	Slight
231	Racecourse Ave, Ballybrit	56	55	No	No	Yes	Negligible	Medium	Imperceptible/Positive
232	Racecourse Ave, Ballybrit	57	57	No	No	Yes	Minor	Medium	Not Significant - Slight
233	Ballybrit Crescent	60	60	No	No	Yes	Negligible	Medium	Imperceptible/Positive
234a	Ballybrit Crescent (front)	66	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
234b	Ballybrit Crescent (rear)	55	59	No	Yes	Yes	Major	Medium	Moderate
235	Ballybrit Crescent	57	65	Yes	Yes	Yes	Major	Very High	Very Significant
236	Ballybrit Cresent	55	60	No	Yes	Yes	Major	Medium	Moderate
237	An Sean Bhaile	71	68	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
238	Monivea Road R339, Ballybrit Cresent Junction	66	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
239	Monivea Road R339, Ballybrit Cresent Junction	57	59	No	Yes	Yes	Minor	Medium	Slight
240	An Sean Bhaile	71	65	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
241	Merlin Woods School	61	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
242	Monivea Road R339 East	56	58	No	Yes	Yes	Moderate	Medium	Slight
243	Coolagh Village	56	55	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
244	Garran Iseal	70	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
245	Coolagh Village	57	58	No	Yes	Yes	Minor	Medium	Slight
246a	Coolagh Village (rear)	56	58	No	Yes	Yes	Moderate	Medium	Slight
246b	Coolagh Village (front)	56	57	No	Yes	Yes	Minor	Medium	Slight
247	Galway Clinic R446 Doughiska	64	63	Yes	No	Yes	Negligible	High	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
248	Coolagh Village	54	55	No	No	Yes	Minor	Medium	Not Significant - Slight
249	Coolagh Village	55	56	No	No	Yes	Minor	Medium	Not Significant - Slight
250	Coolagh Village	54	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
251a	Menlough/Sean Bothar (front)	41	63	Yes	Yes	Yes	Major	High	Significant
251b	Menlough/Sean Bothar (rear)	47	65	Yes	Yes	Yes	Major	Very High	Very Significant
252	Cappagh Road South	58	60	No	Yes	Yes	Minor	Medium	Slight
253	Cappagh Road South	57	59	No	Yes	No	Minor	Medium	Slight
254	Cappagh Road South	56	58	No	Yes	No	Minor	Medium	Slight
255a	Letteragh Road South (front)	62	64	Yes	Yes	Yes	Minor	High	Moderate - Significant
255b	Letteragh Road South (side)	56	57	No	No	Yes	Minor	Medium	Not Significant - Slight
256	Cappagh Road South	43	54	No	Yes	Yes	Major	Low	Slight
257	Cappagh Road South	54	59	No	Yes	Yes	Major	Medium	Moderate
258	Parkmore Link Road	51	53	No	Yes	Yes	Minor	Low	Not Significant
259	Troscaigh Thoir	48	58	No	Yes	Yes	Major	Medium	Moderate
260	Maoilin	40	54	No	Yes	Yes	Major	Low	Slight
261	Maoilin	40	54	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
262	Maoilin	40	54	No	Yes	Yes	Major	Low	Slight
263	Maoilin	40	56	No	Yes	Yes	Major	Medium	Moderate
264	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
265	Maoilin	40	53	No	Yes	Yes	Major	Low	Slight
266	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
267	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
268	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
269	Maoilin	39	56	No	Yes	Yes	Major	Medium	Moderate
270	Coolagh	60	60	No	No	Yes	Negligible	Medium	Imperceptible/Positive
2024_1	Galway Racecourse	55	52	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
2024_2	Parkmore Road - residential property	49	49	No	No	Yes	Negligible	Negligible	Imperceptible/Positive
2024_3	Knocknagreana - residential property	38	51	No	Yes	Yes	Moderate	Low	Slight
2024_4	Knocknagreana - residential property	42	52	No	Yes	Yes	Major	Low	Slight
2024_5	Knocknagreana - residential property	40	51	No	Yes	Yes	Moderate	Low	Slight
2024_6	Na Forai Maola Thoir - residential property	35	50	No	Yes	Yes	Major	Negligible	Not Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2025_7	Na Forai Maola Thoir - residential property	34	50	No	Yes	Yes	Major	Negligible	Not Significant
2024_8	Trusky West - residential property	37	48	No	Yes	Yes	Major	Negligible	Not Significant
2024_9	Ballymoneen Road South - residential under construction	48	66	Yes	Yes	Yes	Major	Very High	Very Significant
2024_10	Ballymoneen Road South - residential under construction	45	67	Yes	Yes	Yes	Major	Very High	Very Significant
2024_11	Clybaun Road - residential property	43	54	No	Yes	Yes	Major	Low	Slight
2024_12	Clybaun Road - residential property	49	58	No	Yes	Yes	Major	Medium	Moderate
2024_13	Clybaun Road - residential property	52	57	No	Yes	Yes	Major	Medium	Moderate
2024_14	Clybaun Road - residential property	56	59	No	Yes	Yes	Moderate	Medium	Moderate
2024_15	Letteragh Road - residential property	49	50	No	Yes	Yes	Minor	Negligible	Not Significant
2024_16	Letteragh Road - residential property	40	46	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
2024_17	Letteragh Road - residential property	57	58	No	Yes	Yes	Minor	Medium	Slight
2024_18	Lakeview Hill - residential property	46	50	No	Yes	Yes	Major	Negligible	Not Significant
2024_19	Lakeview Hill - residential property	44	51	No	Yes	Yes	Moderate	Low	Slight
2024_20	Lakeview Hill - residential property	41	50	No	Yes	Yes	Moderate	Negligible	Not Significant
2024_21	Lakeview Hill - residential property	42	50	No	Yes	Yes	Moderate	Negligible	Not Significant



Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_22	Castlegar School- extension building	51	55	No	Yes	Yes	Major	Medium	Moderate
2024_23a	Menlough/Sean Bothar (front) - residential property	56	64	Yes	Yes	Yes	Major	High	Significant
2024_23b	Menlough/Sean Bothar (rear) - residential property	40	64	Yes	Yes	Yes	Major	High	Significant
2024_24	Castlegar - residential property	49	58	No	Yes	Yes	Major	Medium	Moderate
2024_25	Castlegar/School Road South - Nursing home extension	49	55	No	Yes	Yes	Major	Medium	Moderate
2024_26	Castlegar/School Road South - Nursing home extension	49	55	No	Yes	Yes	Major	Medium	Moderate
2024_27	Ballymoneen Road South - residential under construction (apartment)	54	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_28	Ballymoneen Road South - residential under construction (apartment)	46	67	Yes	Yes	Yes	Major	Very High	Very Significant
2024_29	Rahoon Road - residential property	39	51	No	Yes	Yes	Moderate	Low	Slight
2024_30	Rahoon Road - residential property (granted, not built)	47	56	No	Yes	Yes	Major	Medium	Moderate
2024_31	Lakeview Hill - residential (granted, not built)	42	53	No	Yes	Yes	Major	Low	Slight
2024_32	Letteragh Road - residential property	45	51	No	Yes	Yes	Major	Low	Not Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_33	Letteragh Road - residential property	43	51	No	Yes	Yes	Minor	Low	Not Significant
2024_34a_	Rahoon link apt (new development) A	58	61	Yes	Yes	Yes	Moderate	High	Moderate - Significant
2024_34b_	Rahoon link apt (new development) A	52	58	No	Yes	Yes	Major	Medium	Moderate
2024_35	Rahoon Link (new development)	46	56	No	Yes	Yes	Major	Medium	Moderate
2024_36	Rahoon Link (new development)	45	55	No	Yes	Yes	Major	Medium	Moderate
2024_37	Rahoon Link (new development)	43	54	No	Yes	Yes	Moderate	Low	Slight
2024_38	Bóthar an Chóiste -residential property	49	60	No	Yes	Yes	Major	Medium	Moderate

**Table A18.2.2 Calculated Traffic Noise Levels – Without Mitigation Design Year 2046**

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
1	R336 West of Bearna West Roundabout	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
2	R336 West of Bearna West Roundabout	59	60	No	No	No	Negligible	Medium	Not Significant - Slight
3	Na Forái Maola Thoir	40	44	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
4	Na Forái Maola Thoir	39	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
5	R336 West of Bearna West Roundabout	63	64	Yes	No	No	Negligible	High	Not Significant - Slight
6	R336 West of Bearna West Roundabout	63	64	Yes	No	No	Negligible	High	Not Significant - Slight
7	R336 West of Bearna West Roundabout	58	60	No	Yes	No	Negligible	Medium	Not Significant - Slight
8	R336 East of Bearna West Roundabout	59	60	No	No	No	Negligible	Medium	Not Significant - Slight
9	Na Forái Maola Thoir	44	54	No	Yes	Yes	Moderate	Low	Slight
10	Na Forái Maola Thoir	39	54	No	Yes	Yes	Major	Low	Slight
11	Na Forái Maola Thoir	45	53	No	Yes	Yes	Moderate	Low	Slight
12	R336 East of Bearna West Roundabout	67	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
13	Na Forái Maola Thoir	36	59	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
14	Na Foraf Maola Thoir	45	51	No	Yes	Yes	Moderate	Low	Slight
15	Na Foraf Maola Thoir	40	50	No	Yes	Yes	Moderate	Negligible	Not Significant
16	Na Foraf Maola Thiar	36	52	No	Yes	Yes	Moderate	Low	Slight
17	Na Foraf Maola Thoir	53	53	No	No	No	No Change/Reduction	Low	Imperceptible/Positive
18	Na Foraf Maola Thoir	38	50	No	Yes	Yes	Moderate	Negligible	Not Significant
19	Na Foraf Maola Thoir (to be demolished)	37	60	No	Yes	Yes	N/A	N/A	N/A
20	Na Foraf Maola Thoir	47	51	No	Yes	Yes	Minor	Low	Not Significant
21	Na Foraf Maola Thoir	45	48	No	Yes	Yes	Minor	Negligible	Not Significant
22	Na Foraf Maola Thoir	36	53	No	Yes	Yes	Moderate	Low	Slight
23	Na Foraf Maola Thiar	36	55	No	Yes	Yes	Major	Medium	Moderate
24	Na Foraf Maola Thiar	38	51	No	Yes	Yes	Moderate	Low	Slight
25	Foraf Maola Road	46	48	No	Yes	No	Negligible	Negligible	Not Significant
26	Foraf Maola Road	42	52	No	Yes	Yes	Moderate	Low	Slight
27	Na Foraf Maola Thiar (to be acquired)	41	61	Yes	Yes	Yes	Major (N/A)	High	Significant
28	Foraf Maola Road	40	47	No	Yes	Yes	Moderate	Negligible	Not Significant
29	Foraf Maola Road	39	54	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
30	R336 East of Bearna West Roundabout	66	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
31	Na Foraf Maola Thoir	33	51	No	Yes	Yes	Moderate	Low	Slight
32a	Na Foraf Maola Thoir (front)	45	55	No	Yes	Yes	Moderate	Medium	Moderate
32b	Na Foraf Maola Thoir (rear)	34	57	No	Yes	Yes	Major	Medium	Moderate
33	Na Foraf Maola Thoir	46	56	No	Yes	Yes	Moderate	Medium	Moderate
34	Na Foraf Maola Thoir	40	51	No	Yes	Yes	Moderate	Low	Slight
35	Troscaigh Road	35	51	No	Yes	Yes	Minor	Low	Not Significant
36	Troscaigh Road (to be acquired)	37	55	No	Yes	Yes	Moderate (N/A)	Medium	Moderate
37	Troscaigh Road	35	56	No	Yes	Yes	Major	Medium	Moderate
38	Troscaigh Road	35	53	No	Yes	Yes	Major	Low	Slight
39	Troscaigh Road	33	55	No	Yes	Yes	Major	Medium	Moderate
40	Troscaigh Road	33	59	No	Yes	Yes	Major	Medium	Moderate
41	Troscaigh Road	36	48	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
42	Troscaigh Thiar	32	50	No	Yes	Yes	Moderate	Negligible	Not Significant
43	Troscaigh - Ann Gibbons Road	38	49	No	Yes	Yes	Negligible	Negligible	Not Significant
44	Troscaigh - Ann Gibbons Road	36	53	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
45	Troscaigh - Ann Gibbons Road	35	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
46	Troscaigh - Ann Gibbons Road	40	59	No	Yes	Yes	Major	Medium	Moderate
47	Troscaigh Thoir	47	51	No	Yes	Yes	Minor	Low	Not Significant
48	Troscaigh Thoir - L1321 North	56	57	No	Yes	Yes	Minor	Medium	Slight
49	Troscaigh Thoir - L1321 North	60	60	No	No	No	Negligible	Medium	Not Significant - Slight
50	Troscaigh Thoir - L1321 North	54	56	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
51	Troscaigh Thoir - L1321 South	61	61	Yes	No	No	Negligible	High	Not Significant - Slight
52	An Chloch Scoilte	39	50	No	Yes	Yes	Minor	Negligible	Not Significant
53	An Chloch Scoilte	37	54	No	Yes	Yes	Minor	Low	Not Significant
54a	An Chloch Scoilte (front)	35	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
54b	An Chloch Scoilte (rear)	38	49	No	Yes	Yes	Minor	Negligible	Not Significant
55	An Chloch Scoilte	35	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
56	An Chloch Scoilte (to be acquired)	41	55	No	Yes	Yes	Moderate	Medium	Moderate
57	An Chloch Scoilte - Aille Road L5384	37	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
58	An Chloch Scoilte - Aille Road L5384	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
59	An Chloch Scoilte - Aille Road L5384 (to be acquired)	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
60	Ballard East	40	53	No	Yes	Yes	Minor	Low	Not Significant
61	An Chloch Scoilte - Aille Road L5384	43	54	No	Yes	Yes	Minor	Low	Not Significant
62	Cappagh Road North	57	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
63a	Cappagh Road North (rear)	57	63	Yes	Yes	Yes	Moderate	High	Significant
63b	Cappagh Road North (side/front)	62	62	Yes	No	Yes	Negligible	High	Not Significant - Slight
64a	Cappagh Road North (front)	60	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
64b	Cappagh Road North (rear)	42	49	No	Yes	Yes	Negligible	Negligible	Not Significant
65a	Cappagh Road North (front)	61	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
65b	Cappagh Road North (rear)	47	56	No	Yes	Yes	Major	Medium	Moderate
66a	Cappagh Road South (side/rear)	56	61	Yes	Yes	Yes	Moderate	High	Significant
66b	Cappagh Road South (front)	63	64	Yes	Yes	Yes	Negligible	High	Not Significant - Slight
67a	Cappagh Road South (rear)	43	54	No	Yes	Yes	Moderate	Low	Slight
67b	Cappagh Road South (front)	58	60	No	Yes	Yes	Minor	Medium	Slight
68	Ballyburke	43	48	No	Yes	Yes	Moderate	Negligible	Not Significant
69	Ballyburke	43	50	No	Yes	Yes	Moderate	Negligible	Not Significant
70	Ballyburke	43	53	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
71	Ballyburke	44	55	No	Yes	Yes	Major	Medium	Moderate
72	Ballymoneen Road South	41	53	No	Yes	Yes	Major	Low	Slight
73	Ballymoneen Road South	44	52	No	Yes	Yes	Moderate	Low	Slight
74a	Ballymoneen Road South	55	65	Yes	Yes	Yes	Major	Very High	Very Significant
74b	Ballymoneen Road South	39	66	Yes	Yes	Yes	Major	Very High	Very Significant
75a	Ballymoneen Road South	57	61	Yes	Yes	Yes	Moderate	High	Significant
75b	Ballymoneen Road South	40	55	No	Yes	Yes	Major	Medium	Moderate
76	Ballymoneen Road North	57	61	Yes	Yes	Yes	Moderate	High	Significant
77	Ballymoneen Road South	58	62	Yes	Yes	No	Minor	High	Moderate - Significant
78	Ballymoneen Road South	59	62	Yes	Yes	No	Minor	High	Moderate - Significant
79	Ballymoneen Road North	61	63	Yes	Yes	No	Negligible	High	Not Significant - Slight
80a	Ballymoneen Road North (front)	59	64	Yes	Yes	Yes	Moderate	High	Significant
80b	Ballymoneen Road North (rear)	50	62	Yes	Yes	Yes	Major	High	Significant
81	Ballymoneen Road South	46	52	No	Yes	Yes	Moderate	Low	Slight
82	Ballymoneen	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
83	Ballymoneen Road	61	65	Yes	Yes	No	Moderate	Very High	Significant



Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
84	Ballymoneen	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
85	Árd na Gaoithe - Ballymoneen	42	57	No	Yes	Yes	Major	Medium	Moderate
86	Árd na Gaoithe - Ballymoneen	43	61	Yes	Yes	Yes	Major	High	Significant
87	Árd na Gaoithe - Ballymoneen	39	46	No	Yes	Yes	Negligible	Negligible	Not Significant
88	Árd na Gaoithe - Ballymoneen	44	60	No	Yes	Yes	Major	Medium	Moderate
89a	Rahoon Road (front)	57	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
89b	Rahoon Road (rear)	55	59	No	Yes	Yes	Minor	Medium	Slight
90	Rahoon Road	45	59	No	Yes	Yes	Major	Medium	Moderate
91a	Rahoon Road (front)	56	58	No	Yes	Yes	Minor	Medium	Slight
91b	Rahoon Road (side)	53	58	No	Yes	Yes	Moderate	Medium	Moderate
92	Árd na Gaoithe - Ballymoneen	43	57	No	Yes	Yes	Moderate	Medium	Moderate
93	Clybaun Road South	45	57	No	Yes	Yes	Moderate	Medium	Moderate
94	Clybaun Road South	48	59	No	Yes	Yes	Major	Medium	Moderate
95	Clybaun Road North	46	60	No	Yes	Yes	Major	Medium	Moderate
96	Clybaun Road North	49	62	Yes	Yes	Yes	Major	High	Significant
97	Clybaun Road North	41	54	No	Yes	Yes	Minor	Low	Not Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
98	Clybaun Road North	42	55	No	Yes	Yes	Moderate	Medium	Moderate
99	Rahoon Road	46	51	No	Yes	Yes	Moderate	Low	Slight
100	Rahoon Road	58	58	No	No	Yes	Negligible	Medium	Not Significant - Slight
101	Rahoon Road	50	56	No	Yes	Yes	Moderate	Medium	Moderate
102	Rahoon Road	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
103	Between Rahoon & Letteragh Road	43	55	No	Yes	Yes	Moderate	Medium	Moderate
104	Between Rahoon & Letteragh Road	45	50	No	Yes	Yes	Moderate	Negligible	Not Significant
105	Rahoon Road	62	62	Yes	No	No	Negligible	High	Not Significant - Slight
106	Between Rahoon & Letteragh Road	43	62	Yes	Yes	Yes	Major	High	Significant
107	Letteragh Road North	57	63	Yes	Yes	Yes	Moderate	High	Significant
108	Letteragh Road North	55	59	No	Yes	Yes	Moderate	Medium	Moderate
109	Letteragh Road South	55	59	No	Yes	Yes	Moderate	Medium	Moderate
110	Letteragh Road South	53	60	No	Yes	Yes	Moderate	Medium	Moderate
111	N59 Moycullen Road (Parknagapple)	63	64	Yes	No	No	Negligible	High	Not Significant - Slight
112	N59 Link Road/ Busypark	47	53	No	Yes	Yes	Moderate	Low	Slight
113	Letteragh Road South	56	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
114	Bun A Chonic	44	55	No	Yes	Yes	Major	Medium	Moderate
115	Rosán Glas - Letteragh	50	56	No	Yes	Yes	Moderate	Medium	Moderate
116	Knocknabrona (to be acquired)	42	60	No	Yes	Yes	Major (N/A)	Medium	Moderate
117	Rosán Glas - Letteragh	61	61	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
118	Knocknabrona (to be acquired)	38	58	No	Yes	Yes	Major (N/A)	Medium	Moderate
119	Bushypark/N59 Moycullen Road	55	57	No	Yes	Yes	Negligible (N/A)	Medium	Not Significant - Slight
120a	Letteragh Road South (front)	61	63	Yes	Yes	Yes	Minor	High	Moderate - Significant
120b	Letteragh Road South (side)	57	60	No	Yes	Yes	Moderate	Medium	Moderate
121	Bushypark/N59 Moycullen Road	65	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
122	Bushypark/N59 Moycullen Road	59	58	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
123	Bushypark/N59 Moycullen Road	66	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
124	Knocknabrona (Cloghscoltia)	43	56	No	Yes	Yes	Moderate	Medium	Moderate
125	Knocknabrona (Cloghscoltia)	45	56	No	Yes	Yes	Moderate	Medium	Moderate
126	N59 Link Road/Radharc an Locha	49	50	No	No	No	Negligible	Negligible	Not Significant
127	St. James Church N59 Moycullen Road	61	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
128	Letteragh Road South	62	65	Yes	Yes	No	Minor	Very High	Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
129	Letteragh Road South	57	61	Yes	Yes	No	Minor	High	Moderate - Significant
130	Letteragh Road South	58	62	Yes	Yes	No	Minor	High	Moderate - Significant
131	N59 Moycullen Road	63	63	Yes	No	Yes	Negligible	High	Not Significant - Slight
132	The Heath Knocknabrona	39	52	No	Yes	Yes	Moderate	Low	Slight
133	Knocknabrona	40	50	No	Yes	Yes	Negligible	Negligible	Not Significant
134	Barnacranny	42	60	No	Yes	Yes	Moderate	Medium	Moderate
135	The Heath	41	59	No	Yes	Yes	Major	Medium	Moderate
136	Barnacranny	51	62	Yes	Yes	Yes	Major	High	Significant
137	Circular Road	39	49	No	Yes	Yes	Negligible	Negligible	Not Significant
138	The Heath	45	66	Yes	Yes	Yes	Major	Very High	Very Significant
139	N59 Moycullen Road/Ard na Locha	62	63	Yes	Yes	Yes	Negligible	High	Not Significant - Slight
140	Barnacranny	50	68	Yes	Yes	Yes	Major	Very High	Very Significant
141	N59 Moycullen Road/Chestnut Lane	63	63	Yes	No	Yes	Negligible	High	Not Significant - Slight
142	N59 Moycullen Road/Ard na Locha	51	65	Yes	Yes	Yes	Major	Very High	Very Significant
143	The Heath, Upper Dangan	45	58	No	Yes	Yes	Major	Medium	Moderate
144a	Árd an Locha (to be acquired)	55	69	Yes	Yes	Yes	Major (N/A)	Very High	Very Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
144b	Árd an Locha (to be acquired)	58	63	Yes	Yes	Yes	Moderate (N/A)	High	Significant
145	The Heath	47	62	Yes	Yes	Yes	Major	High	Significant
146a	Árd an Locha (side)	46	68	Yes	Yes	Yes	Major	Very High	Very Significant
146b	Árd an Locha (rear)	51	69	Yes	Yes	Yes	Major	Very High	Very Significant
147a	Árd an Locha (front)	60	66	Yes	Yes	Yes	Moderate	Very High	Significant
147b	Árd an Locha/N59 Moycullen Road (side)	68	67	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
148a	N59 Moycullen Road/Aughnacurra (rear)	62	65	Yes	Yes	Yes	Negligible	Very High	Not Significant - Slight
148b	N59 Moycullen Road/Aughnacurra (side/front)	66	65	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
149	Circular Road Upper Dangan	48	60	No	Yes	Yes	Major	Medium	Moderate
150	St. James National School, Upper Dangan	48	63	Yes	Yes	Yes	Major	High	Significant
151a	Upper Dangan/N59 Moycullen Road (front)	61	67	Yes	Yes	Yes	Moderate	Very High	Significant
151b	Upper Dangan/N59 Moycullen Road (side)	58	67	Yes	Yes	Yes	Moderate	Very High	Significant
152	Aughnacurra	50	60	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
153	Aughnacurra (to be acquired)	57	68	Yes	Yes	Yes	Major (N/A)	Very High	Very Significant
154	Aughnacurra	52	65	Yes	Yes	Yes	Major	Very High	Very Significant
155	Upper Dangan/N59 Moycullen Road	62	64	Yes	Yes	Yes	Negligible	High	Not Significant - Slight
156	Aughnacurra	46	64	Yes	Yes	Yes	Major	High	Significant
157	N59 Moycullen Road	65	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
158	UoG	50	67	Yes	Yes	Yes	Major	Very High	Very Significant
159	N59 Moycullen Road	69	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
160	UoG	47	68	Yes	Yes	Yes	Major	Very High	Very Significant
161	N59 Moycullen Road	70	67	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
162	N59 Moycullen Road/UoG	60	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
163	Dangan House	44	61	Yes	Yes	Yes	Major	High	Significant
164	N59 Moycullen Road/Clifton Close	65	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
165	Menlo Castle	46	63	Yes	Yes	Yes	Major	High	Significant
166	The Orchard, Menlo Park, Menlough	40	57	No	Yes	Yes	Moderate	Medium	Moderate
167	Menlough/Bóthar Nua	43	60	No	Yes	Yes	Major	Medium	Moderate
168a	Coolough Road (front)	40	63	Yes	Yes	Yes	Major	High	Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
168b	Coolough Road (rear)	43	63	Yes	Yes	Yes	Major	High	Significant
169	Menlough/Sean Bothar	46	59	No	Yes	Yes	Major	Medium	Moderate
170a	Menlough/Sean Bothar (front)	59	63	Yes	Yes	Yes	Minor	High	Moderate - Significant
170b	Menlough/Sean Bothar (rear)	51	63	Yes	Yes	Yes	Major	High	Significant
171	Coolough Road	46	57	No	Yes	Yes	Major	Medium	Moderate
172	N84 Headford Road/Ballinfoyle	64	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
173	Ballindooley Boithrin/N84 Junction	56	66	Yes	Yes	Yes	Moderate	Very High	Significant
174a	N84 Headford Road Junction South	67	64	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
174b	N84 Headford Road Junction South	58	62	Yes	Yes	Yes	Minor	High	Moderate - Significant
175a	N84 Headford Road Junction South (to be demolished)	68	67	Yes	No	Yes	N/A	N/A	N/A
175b	N84 Headford Road Junction South (to be demolished)	66	66	Yes	No	Yes	N/A	N/A	N/A
176	N84 Headford Road Junction South	56	62	Yes	Yes	Yes	Moderate	High	Significant
177a	N84 Headford Road Junction (front)	61	65	Yes	Yes	Yes	Minor	Very High	Significant
177b	N84 Headford Road Junction (rear)	64	65	Yes	Yes	Yes	Negligible	Very High	Not Significant - Slight
178	Ballindooley Boithrin/N84 Junction	52	62	Yes	Yes	Yes	Moderate	High	Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
179	Ballindooley/N84 Headford Road	65	67	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
180	Ballindooley/N84 Headford Road	66	67	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
181	N84 Headford Road Junction	68	69	Yes	Yes	Yes	Negligible	Very High	Not Significant - Slight
182	N84 Headford Road Junction	70	71	Yes	No	Yes	Negligible	Very High	Not Significant - Slight
183	N84 Headford Road Junction	61	65	Yes	Yes	Yes	Minor	Very High	Significant
184	N84 Headford Road Junction (to be demolished)	61	66	Yes	Yes	Yes	N/A	N/A	N/A
185	Ballindooley/N84 Headford Road	65	66	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
186	Ballindooley/N84 Headford Road	67	69	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
187	Bóthar an Chóiste	53	59	No	Yes	Yes	Moderate	Medium	Moderate
188	Bóthar an Chóiste	49	61	Yes	Yes	Yes	Major	High	Significant
189	Bóthar an Chóiste	47	57	No	Yes	Yes	Major	Medium	Moderate
190	Bóthar an Chóiste	49	60	No	Yes	Yes	Major	Medium	Moderate
191	Castlegar	47	61	Yes	Yes	Yes	Major	High	Significant
192	Castlegar	48	65	Yes	Yes	Yes	Major	Very High	Very Significant
193	Castlegar	49	61	Yes	Yes	Yes	Major	High	Significant
194	School Road North	51	64	Yes	Yes	Yes	Major	High	Significant



Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
195a	School Road (front) (to be acquired)	60	58	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive
195b	School Road (rear) (to be acquired)	53	66	Yes	Yes	Yes	Major (N/A)	Very High	Very Significant
196	School Road North	50	63	Yes	Yes	Yes	Major	High	Significant
197	Castlegar School	58	59	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
198a	Castlegar/School Road South - rear (to be acquired)	54	62	Yes	Yes	Yes	Moderate (N/A)	High	Significant
198b	Castlegar/School Road South - front (to be acquired)	62	60	No	No	Yes	No Change/Reduction (To be acquired)	Medium	Imperceptible/Positive
199	Castlegar School	54	59	No	Yes	Yes	Moderate	Medium	Moderate
200	Castlegar/School Road South (to be demolished)	52	62	Yes	Yes	Yes	N/A	N/A	N/A
201	Castlegar/School Road South	49	57	No	Yes	Yes	Moderate	Medium	Moderate
202	Castlegar/School Road South	46	53	No	Yes	Yes	Moderate	Low	Slight
203	Castlegar	50	60	No	Yes	Yes	Major	Medium	Moderate
204	Castlegar/N83 Tuam Road	53	61	Yes	Yes	Yes	Moderate	High	Significant
205	N83 Tuam Road South	72	71	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
206	Castlegar/N83 Tuam Road	60	63	Yes	Yes	Yes	Minor	High	Moderate - Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
207a	Castlegar/N83 Tuam Road South (front)	70	69	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
207b	Castlegar/N83 Tuam Road South (rear)	63	62	Yes	No	Yes	Negligible	High	Not Significant - Slight
208	Castlegar/N83 Tuam Road	57	65	Yes	Yes	Yes	Moderate	Very High	Significant
209	City North Park Link Road	59	61	Yes	Yes	Yes	Negligible	High	Not Significant - Slight
210	N6 Bothar na dTreabh	75	75	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
211	Monivea Road R339 west	57	56	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
212	N83 Tuam Road North (front)	56	62	Yes	Yes	Yes	Moderate	High	Significant
212 R	N83 Tuam Road North (rear)	55	63	Yes	Yes	Yes	Moderate	High	Significant
213a	N83 Tuam Road North/Ceapach na Boirne (front)	72	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
213b	N83 Tuam Road North/Ceapach na Boirne (rear)	64	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
214	N83 Tuam Road North/Ceapach na Boirne	72	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
215	N83 Tuam Road North/Ceapach na Boirne	69	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
216	N17 Tuam Road North	69	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
217	The Meadows/N6 Bothar na dTreabh	72	73	Yes	No	No	Negligible	Very High	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
218	Galway Racecourse	50	56	No	Yes	Yes	Moderate	Medium	Moderate
219	N83 Tuam Road South	71	73	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
220	N83 Tuam Road North	67	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
221	Galway Racecourse	55	55	No	No	Yes	Negligible	Medium	Not Significant - Slight
222	The Meadows/N6 Bothar na dTreabh	70	54	No	No	No	No Change/Reduction	Low	Imperceptible/Positive
223	N83 Tuam Road North	68	67	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
224	Racecourse Ave, Ballybrit	55	60	No	Yes	Yes	Moderate	Medium	Moderate
225	The Paddocks, N6 Bothar na dTreabh	73	72	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
226	Galway Racecourse	56	57	No	No	Yes	Negligible	Medium	Not Significant - Slight
227	Galway Racecourse	53	55	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
228	Racecourse Business Park (to be demolished)	53	63	Yes	Yes	Yes	N/A	N/A	N/A
229	Racecourse Ave, Ballybrit (to be demolished)	56	63	Yes	Yes	Yes	N/A	N/A	N/A
230	Racecourse Ave, Ballybrit	54	57	No	Yes	Yes	Minor	Medium	Slight
231	Racecourse Ave, Ballybrit	56	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
232	Racecourse Ave, Ballybrit	57	58	No	No	Yes	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
233	Ballybrit Crescent	61	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
234a	Ballybrit Crescent (front)	67	65	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
234b	Ballybrit Crescent (rear)	56	60	No	Yes	Yes	Moderate	Medium	Moderate
235	Ballybrit Crescent	57	66	Yes	Yes	Yes	Moderate	Very High	Significant
236	Ballybrit Cresent	56	61	Yes	Yes	Yes	Moderate	High	Significant
237	An Sean Bhaile	71	69	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
238	Monivea Road R339, Ballybrit Cresent Junction	67	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
239	Monivea Road R339, Ballybrit Cresent Junction	58	60	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
240	An Sean Bhaile	72	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
241	Merlin Woods School	61	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
242	Monivea Road R339 East	57	59	No	Yes	Yes	Minor	Medium	Slight
243	Coolagh Village	57	56	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
244	Garran Iseal	70	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
245	Coolagh Village	57	59	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
246a	Coolagh Village (rear)	56	59	No	Yes	Yes	Minor	Medium	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
246b	Coolagh Village (front)	56	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
247	Galway Clinic R446 Doughiska	64	64	Yes	No	Yes	Negligible	High	Not Significant - Slight
248	Coolagh Village	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
249	Coolagh Village	56	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
250	Coolagh Village	55	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
251a	Menlough/Sean Bothar (front)	41	64	Yes	Yes	Yes	Major	High	Significant
251b	Menlough/Sean Bothar (rear)	47	66	Yes	Yes	Yes	Major	Very High	Very Significant
252	Cappagh Road South	59	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
253	Cappagh Road South	58	59	No	No	No	Negligible	Medium	Not Significant - Slight
254	Cappagh Road South	57	57	No	No	No	Negligible	Medium	Not Significant - Slight
255a	Letteragh Road South (front)	63	64	Yes	Yes	Yes	Negligible	High	Not Significant - Slight
255b	Letteragh Road South (side)	57	58	No	No	Yes	Negligible	Medium	Not Significant - Slight
256	Cappagh Road South	44	54	No	Yes	Yes	Moderate	Low	Slight
257	Cappagh Road South	55	59	No	Yes	Yes	Moderate	Medium	Moderate
258	Parkmore Link Road	51	54	No	Yes	Yes	Negligible	Low	Not Significant
259	Troscaigh Thoir	49	59	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
260	Maoilin	41	55	No	Yes	Yes	Major	Medium	Moderate
261	Maoilin	41	54	No	Yes	Yes	Major	Low	Slight
262	Maoilin	41	55	No	Yes	Yes	Major	Medium	Moderate
263	Maoilin	41	57	No	Yes	Yes	Major	Medium	Moderate
264	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
265	Maoilin	41	53	No	Yes	Yes	Major	Low	Slight
266	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
267	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
268	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
269	Maoilin	40	56	No	Yes	Yes	Major	Medium	Moderate
270	Coolagh	61	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
2024_1	Galway Racecourse	55	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
2024_2	Parkmore Road - residential property	50	50	No	No	Yes	Negligible	Negligible	Not Significant
2024_3	Knocknagreana - residential property	38	52	No	Yes	Yes	Minor	Low	Not Significant
2024_4	Knocknagreana - residential property	42	52	No	Yes	Yes	Moderate	Low	Slight
2024_5	Knocknagreana - residential property	40	52	No	Yes	Yes	Minor	Low	Not Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_6	Na Forai Maola Thoir - residential property	35	51	No	Yes	Yes	Moderate	Low	Slight
2025_7	Na Forai Maola Thoir - residential property	35	50	No	Yes	Yes	Moderate	Negligible	Not Significant
2024_8	Trusky West - residential property	37	48	No	Yes	Yes	Moderate	Negligible	Not Significant
2024_9	Ballymoneen Road South - residential under construction	48	67	Yes	Yes	Yes	Major	Very High	Very Significant
2024_10	Ballymoneen Road South - residential under construction	45	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_11	Clybaun Road - residential property	43	55	No	Yes	Yes	Moderate	Medium	Moderate
2024_12	Clybaun Road - residential property	50	58	No	Yes	Yes	Moderate	Medium	Moderate
2024_13	Clybaun Road - residential property	52	58	No	Yes	Yes	Moderate	Medium	Moderate
2024_14	Clybaun Road - residential property	56	60	No	Yes	Yes	Minor	Medium	Slight
2024_15	Letteragh Road - residential property	50	51	No	Yes	Yes	Negligible	Low	Not Significant
2024_16	Letteragh Road - residential property	41	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
2024_17	Letteragh Road - residential property	58	59	No	No	Yes	Negligible	Medium	Not Significant - Slight
2024_18	Lakeview Hill - residential property	46	51	No	Yes	Yes	Moderate	Low	Slight
2024_19	Lakeview Hill - residential property	44	51	No	Yes	Yes	Minor	Low	Not Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_20	Lakeview Hill - residential property	42	51	No	Yes	Yes	Minor	Low	Not Significant
2024_21	Lakeview Hill - residential property	43	51	No	Yes	Yes	Minor	Low	Not Significant
2024_22	Castlegar School- extension building	52	56	No	Yes	Yes	Moderate	Medium	Moderate
2024_23a	Menlough/Sean Bothar (front) - residential property	56	65	Yes	Yes	Yes	Moderate	Very High	Significant
2024_23b	Menlough/Sean Bothar (rear) - residential property	40	65	Yes	Yes	Yes	Major	Very High	Very Significant
2024_24	Castlegar - residential property	50	59	No	Yes	Yes	Major	Medium	Moderate
2024_25	Castlegar/School Road South - Nursing home extension	50	56	No	Yes	Yes	Moderate	Medium	Moderate
2024_26	Castlegar/School Road South - Nursing home extension	50	56	No	Yes	Yes	Moderate	Medium	Moderate
2024_27	Ballymoneen Road South - residential under construction (apartment)	55	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_28	Ballymoneen Road South - residential under construction (apartment)	47	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_29	Rahoon Road - residential property	40	49	No	Yes	Yes	Minor	Negligible	Not Significant
2024_30	Rahoon Road - residential property (granted, not built)	48	55	No	Yes	Yes	Moderate	Medium	Moderate



Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_31	Lakeview Hill - residential (granted, not built)	43	54	No	Yes	Yes	Moderate	Low	Slight
2024_32	Letteragh Road - residential property	46	52	No	Yes	Yes	Moderate	Low	Not Significant
2024_33	Letteragh Road - residential property	44	52	No	Yes	Yes	Negligible	Low	Not Significant
2024_34a_	Rahoon link apt (new development) A	60	62	Yes	Yes	Yes	Minor	High	Moderate - Significant
2024_34b_	Rahoon link apt (new development) A	53	59	No	Yes	Yes	Moderate	Medium	Moderate
2024_35	Rahoon Link (new development)	47	57	No	Yes	Yes	Major	Medium	Moderate
2024_36	Rahoon Link (new development)	46	56	No	Yes	Yes	Major	Medium	Moderate
2024_37	Rahoon Link (new development)	44	55	No	Yes	Yes	Minor	Medium	Slight
2024_38	Bóthar an Chóiste -residential property	49	61	Yes	Yes	Yes	Major	High	Significant

**Table A18.2.3 Calculated Traffic Noise Levels – With Mitigation Opening Year 2031**

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
1	R336 West of Bearna West Roundabout	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
2	R336 West of Bearna West Roundabout	59	60	No	No	No	Negligible	Medium	Not Significant - Slight
3	Na Foraf Maola Thoir	40	44	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
4	Na Foraf Maola Thoir	39	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
5	R336 West of Bearna West Roundabout	63	62	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
6	R336 West of Bearna West Roundabout	63	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
7	R336 West of Bearna West Roundabout	58	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
8	R336 East of Bearna West Roundabout	59	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
9	Na Foraf Maola Thoir	44	53	No	Yes	Yes	Major	Low	Slight
10	Na Foraf Maola Thoir	39	54	No	Yes	Yes	Major	Low	Slight
11	Na Foraf Maola Thoir	45	52	No	Yes	Yes	Major	Low	Slight
12	R336 East of Bearna West Roundabout	67	64	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
13	Na Foraf Maola Thoir	36	59	No	Yes	Yes	Major	Medium	Moderate
14	Na Foraf Maola Thoir	45	50	No	Yes	Yes	Moderate	Negligible	Not Significant
15	Na Foraf Maola Thoir	40	49	No	Yes	Yes	Major	Negligible	Not Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
16	Na Foraf Maola Thiar	36	52	No	Yes	Yes	Major	Low	Slight
17	Na Foraf Maola Thoir	53	52	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
18	Na Foraf Maola Thoir	37	50	No	Yes	Yes	Major	Negligible	Not Significant
19	Na Foraf Maola Thoir (to be demolished)	37	60	No	Yes	Yes	N/A	N/A	N/A
20	Na Foraf Maola Thoir	47	49	No	Yes	Yes	Minor	Negligible	Not Significant
21	Na Foraf Maola Thoir	45	48	No	Yes	Yes	Moderate	Negligible	Not Significant
22	Na Foraf Maola Thoir	36	52	No	Yes	Yes	Major	Low	Slight
23	Na Foraf Maola Thiar	36	54	No	Yes	Yes	Major	Low	Slight
24	Na Foraf Maola Thiar	38	50	No	Yes	Yes	Moderate	Negligible	Not Significant
25	Foraf Maola Road	46	48	No	Yes	No	Minor	Negligible	Not Significant
26	Foraf Maola Road	42	52	No	Yes	Yes	Major	Low	Slight
27	Na Foraf Maola Thiar (to be acquired)	41	58	No	Yes	Yes	Major (N/A)	Medium	Moderate
28	Foraf Maola Road	40	47	No	Yes	Yes	Major	Negligible	Not Significant
29	Foraf Maola Road	39	54	No	Yes	Yes	Major	Low	Slight
30	R336 East of Bearna West Roundabout	66	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
31	Na Foraf Maola Thoir	33	51	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
32a	Na Foraf Maola Thoir (front)	45	54	No	Yes	Yes	Major	Low	Slight
32b	Na Foraf Maola Thoir (rear)	33	56	No	Yes	Yes	Major	Medium	Moderate
33	Na Foraf Maola Thoir	46	56	No	Yes	Yes	Major	Medium	Moderate
34	Na Foraf Maola Thoir	39	51	No	Yes	Yes	Major	Low	Slight
35	Troscaigh Road	35	51	No	Yes	Yes	Moderate	Low	Slight
36	Troscaigh Road (to be acquired)	37	55	No	Yes	Yes	Major (N/A)	Medium	Moderate
37	Troscaigh Road	34	56	No	Yes	Yes	Major	Medium	Moderate
38	Troscaigh Road	34	54	No	Yes	Yes	Major	Low	Slight
39	Troscaigh Road	33	52	No	Yes	Yes	Major	Low	Slight
40	Troscaigh Road	33	54	No	Yes	Yes	Major	Low	Slight
41	Troscaigh Road	36	48	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
42	Troscaigh Thiar	31	49	No	Yes	Yes	Major	Negligible	Not Significant
43	Troscaigh - Ann Gibbons Road	37	48	No	Yes	Yes	Minor	Negligible	Not Significant
44	Troscaigh - Ann Gibbons Road	35	52	No	Yes	Yes	Major	Low	Slight
45	Troscaigh - Ann Gibbons Road	34	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
46	Troscaigh - Ann Gibbons Road	39	58	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
47	Troscaigh Thoir	46	50	No	Yes	Yes	Moderate	Negligible	Not Significant
48	Troscaigh Thoir - L1321 North	54	57	No	Yes	Yes	Minor	Medium	Slight
49	Troscaigh Thoir - L1321 North	59	60	No	Yes	No	Minor	Medium	Slight
50	Troscaigh Thoir - L1321 North	53	56	No	Yes	Yes	Minor	Medium	Slight
51	Troscaigh Thoir - L1321 South	60	61	Yes	Yes	No	Minor	High	Moderate - Significant
52	An Chloch Scoilte	38	49	No	Yes	Yes	Moderate	Negligible	Not Significant
53	An Chloch Scoilte	36	54	No	Yes	Yes	Moderate	Low	Slight
54a	An Chloch Scoilte (front)	35	44	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
54b	An Chloch Scoilte (rear)	37	49	No	Yes	Yes	Minor	Negligible	Not Significant
55	An Chloch Scoilte	35	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/ Positive
56	An Chloch Scoilte (to be acquired)	41	54	No	Yes	Yes	Major	Low	Slight
57	An Chloch Scoilte - Aille Road L5384	36	46	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
58	An Chloch Scoilte- Aille Road L5384	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
59	An Chloch Scoilte- Aille Road L5384 (to be acquired)	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
60	Ballard East	39	53	No	Yes	Yes	Moderate	Low	Slight
61	An Chloch Scoilte - Aille Road L5384	42	53	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
62	Cappagh Road North	55	55	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
63a	Cappagh Road North (rear)	56	59	No	Yes	Yes	Moderate	Medium	Moderate
63b	Cappagh Road North (side/front)	61	56	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
64a	Cappagh Road North (front)	58	59	No	No	Yes	Negligible	Medium	Not Significant - Slight
64b	Cappagh Road North (rear)	41	48	No	Yes	Yes	Negligible	Negligible	Not Significant
65a	Cappagh Road North (front)	60	59	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
65b	Cappagh Road North (rear)	46	55	No	Yes	Yes	Major	Medium	Moderate
66a	Cappagh Road South (side/rear)	55	57	No	Yes	Yes	Minor	Medium	Slight
66b	Cappagh Road South (front)	62	59	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
67a	Cappagh Road South (rear)	42	53	No	Yes	Yes	Minor	Low	Not Significant
67b	Cappagh Road South (front)	57	59	No	Yes	Yes	Minor	Medium	Slight
68	Ballyburke	42	47	No	Yes	Yes	Moderate	Negligible	Not Significant
69	Ballyburke	42	50	No	Yes	Yes	Major	Negligible	Not Significant
70	Ballyburke	42	52	No	Yes	Yes	Major	Low	Slight
71	Ballyburke	44	54	No	Yes	Yes	Major	Low	Slight
72	Ballymoneen Road South	40	52	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
73	Ballymoneen Road South	44	51	No	Yes	Yes	Major	Low	Slight
74a	Ballymoneen Road South	54	59	No	Yes	Yes	Moderate	Medium	Moderate
74b	Ballymoneen Road South	39	59	No	Yes	Yes	Major	Medium	Moderate
75a	Ballymoneen Road South	56	58	No	Yes	Yes	Minor	Medium	Slight
75b	Ballymoneen Road South	40	51	No	Yes	Yes	Major	Low	Slight
76	Ballymoneen Road North	56	60	No	Yes	Yes	Moderate	Medium	Moderate
77	Ballymoneen Road South	57	59	No	Yes	No	Minor	Medium	Slight
78	Ballymoneen Road South	58	60	No	Yes	No	Minor	Medium	Slight
79	Ballymoneen Road North	60	62	Yes	Yes	No	Minor	High	Moderate - Significant
80a	Ballymoneen Road North (front)	58	61	Yes	Yes	Yes	Minor	High	Moderate - Significant
80b	Ballymoneen Road North (rear)	50	58	No	Yes	Yes	Major	Medium	Moderate
81	Ballymoneen Road South	45	51	No	Yes	Yes	Major	Low	Slight
82	Ballymoneen	59	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
83	Ballymoneen Road	60	61	Yes	Yes	No	Minor	High	Moderate - Significant
84	Ballymoneen	59	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
85	Árd na Gaoithe - Ballymoneen	41	54	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
86	Árd na Gaoithe - Ballymoneen	42	57	No	Yes	Yes	Major	Medium	Moderate
87	Árd na Gaoithe - Ballymoneen	38	46	No	Yes	Yes	Minor	Negligible	Not Significant
88	Árd na Gaoithe - Ballymoneen	43	56	No	Yes	Yes	Major	Medium	Moderate
89a	Rahoon Road (front)	56	55	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
89b	Rahoon Road (rear)	54	58	No	Yes	Yes	Moderate	Medium	Moderate
90	Rahoon Road	44	58	No	Yes	Yes	Major	Medium	Moderate
91a	Rahoon Road (front)	55	57	No	Yes	Yes	Minor	Medium	Slight
91b	Rahoon Road (side)	52	57	No	Yes	Yes	Moderate	Medium	Moderate
92	Árd na Gaoithe - Ballymoneen	42	55	No	Yes	Yes	Major	Medium	Moderate
93	Clybaun Road South	44	55	No	Yes	Yes	Moderate	Medium	Moderate
94	Clybaun Road South	47	58	No	Yes	Yes	Major	Medium	Moderate
95	Clybaun Road North	45	57	No	Yes	Yes	Major	Medium	Moderate
96	Clybaun Road North	48	57	No	Yes	Yes	Major	Medium	Moderate
97	Clybaun Road North	40	53	No	Yes	Yes	Moderate	Low	Slight
98	Clybaun Road North	41	54	No	Yes	Yes	Moderate	Low	Slight
99	Rahoon Road	45	50	No	Yes	Yes	Major	Negligible	Not Significant



Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
100	Rahoon Road	57	58	No	No	Yes	Negligible	Medium	Not Significant - Slight
101	Rahoon Road	50	54	No	Yes	Yes	Moderate	Low	Slight
102	Rahoon Road	54	55	No	No	Yes	Negligible	Medium	Not Significant - Slight
103	Between Rahoon & Letteragh Road	42	54	No	Yes	Yes	Major	Low	Slight
104	Between Rahoon & Letteragh Road	45	50	No	Yes	Yes	Minor	Negligible	Not Significant
105	Rahoon Road	62	61	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
106	Between Rahoon & Letteragh Road	42	59	No	Yes	Yes	Major	Medium	Moderate
107	Letteragh Road North	56	57	No	Yes	Yes	Minor	Medium	Slight
108	Letteragh Road North	54	57	No	Yes	Yes	Minor	Medium	Slight
109	Letteragh Road South	54	55	No	Yes	Yes	Minor	Medium	Slight
110	Letteragh Road South	52	57	No	Yes	Yes	Major	Medium	Moderate
111	N59 Moycullen Road (Parknagapple)	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
112	N59 Link Road/Busypark	47	51	No	Yes	Yes	Moderate	Low	Slight
113	Letteragh Road South	55	50	No	No	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
114	Bun A Chonic	43	54	No	Yes	Yes	Major	Low	Slight
115	Rosán Glas - Letteragh	49	55	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
116	Knocknabrona (to be acquired)	41	58	No	Yes	Yes	Major (N/A)	Medium	Moderate
117	Rosán Glas - Letteragh	61	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
118	Knocknabrona (to be acquired)	38	57	No	Yes	Yes	Major	Medium	Moderate
119	Bushypark/N59 Moycullen Road	55	56	No	No	No	Negligible	Medium	Not Significant - Slight
120a	Letteragh Road South (front)	60	56	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
120b	Letteragh Road South (side)	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
121	Bushypark/N59 Moycullen Road	64	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
122	Bushypark/N59 Moycullen Road	59	58	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
123	Bushypark/ N59 Moycullen Road	66	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
124	Knocknabrona (Cloghscoltia)	42	54	No	Yes	Yes	Moderate	Low	Slight
125	Knocknabrona (Cloghscoltia)	44	54	No	Yes	Yes	Moderate	Low	Slight
126	N59 Link Road/Radharc an Locha	49	50	No	No	No	Negligible	Negligible	Not Significant
127	St. James Church, N59 Moycullen Road	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
128	Letteragh Road South	61	62	Yes	Yes	No	Minor	High	Moderate - Significant
129	Letteragh Road South	56	58	No	Yes	No	Minor	Medium	Slight
130	Letteragh Road South	57	58	No	Yes	No	Minor	Medium	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
131	N59 Moycullen Road	62	62	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
132	The Heath Knocknabrona	39	50	No	Yes	Yes	Moderate	Negligible	Not Significant
133	Knocknabrona	39	48	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
134	Barnacranny	41	54	No	Yes	Yes	Moderate	Low	Slight
135	The Heath	41	54	No	Yes	Yes	Major	Low	Slight
136	Barnacranny	51	58	No	Yes	Yes	Major	Medium	Moderate
137	Circular Road	39	48	No	Yes	Yes	Negligible	Negligible	Not Significant
138	The Heath	44	59.1	No	Yes	Yes	Major	Medium	Moderate
139	N59 Moycullen Road/Ard na Locha	62	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
140	Barnacranny	50	61	Yes	Yes	Yes	Major	High	Significant
141	N59 Moycullen Road/Chestnut Lane	63	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
142	N59 Moycullen Road/Ard na Locha	51	58	No	Yes	Yes	Major	Medium	Moderate
143	The Heath, Upper Dangan	44	55	No	Yes	Yes	Major	Medium	Moderate
144a	Árd an Locha (to be acquired)	55	58	No	Yes	Yes	Moderate (N/A)	Medium	Moderate
144b	Árd an Locha (to be acquired)	58	58	No	No	Yes	Negligible(N/A)	Medium	Not Significant - Slight
145	The Heath	47	57	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
146a	Árd an Locha (side)	46	57	No	Yes	Yes	Major	Medium	Moderate
146b	Árd an Locha (rear)	51	59	No	Yes	Yes	Major	Medium	Moderate
147a	Árd an Locha (front)	60	60	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
147b	Árd an Locha/N59 Moycullen Road (side)	67	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
148a	N59 Moycullen Road/Aughnacurra (rear)	62	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
148b	N59 Moycullen Road/Aughnacurra (side/front)	66	64	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
149	Circular Road Upper Dangan	48	56	No	Yes	Yes	Major	Medium	Moderate
150	St. James National School, Upper Dangan	48	56	No	Yes	Yes	Major	Medium	Moderate
151a	Upper Dangan/N59 Moycullen Road (front)	60	61	Yes	No	Yes	Minor	High	Moderate - Significant
151b	Upper Dangan/N59 Moycullen Road (side)	58	60	No	Yes	Yes	Minor	Medium	Slight
152	Aughnacurra	49	54	No	Yes	Yes	Moderate	Low	Slight
153	Aughnacurra (to be acquired)	57	60	No	Yes	Yes	Moderate (N/A)	Medium	Moderate
154	Aughnacurra	52	57	No	Yes	Yes	Major	Medium	Moderate
155	Upper Dangan/N59 Moycullen Road	62	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
156	Aughnacurra	45	57	No	Yes	Yes	Major	Medium	Moderate
157	N59 Moycullen Road	64	62	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
158	UoG	50	59	No	Yes	Yes	Major	Medium	Moderate
159	N59 Moycullen Road	69	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
160	UoG	47	57	No	Yes	Yes	Major	Medium	Moderate
161	N59 Moycullen Road	69	67	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
162	N59 Moycullen Road/UoG	60	60	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
163	Dangan House	44	56	No	Yes	Yes	Major	Medium	Moderate
164	N59 Moycullen Road/Clifton Close	64	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
165	Menlo Castle	46	56	No	Yes	Yes	Major	Medium	Moderate
166	The Orchard, Menlo Park, Menlough	40	54	No	Yes	Yes	Major	Low	Slight
167	Menlough/ Bóthar Nua	43	58	No	Yes	Yes	Major	Medium	Moderate
168a	Coolough Road (front)	40	59	No	Yes	Yes	Minor	Medium	Slight
168b	Coolough Road (rear)	43	59	No	Yes	Yes	Minor	Medium	Slight
169	Menlough/Sean Bothar	46	58	No	Yes	Yes	Major	Medium	Moderate
170a	Menlough/Sean Bothar (front)	59	60	No	No	Yes	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
170b	Menlough/Sean Bothar (rear)	51	56	No	Yes	Yes	Moderate	Medium	Moderate
171	Coolough Road	45	54	No	Yes	Yes	Major	Low	Slight
172	N84 Headford Road/Ballinfoyle	64	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
173	Ballindooley Boithrin/N84 Junction	56	60	No	Yes	Yes	Moderate	Medium	Moderate
174a	N84 Headford Road Junction South	67	62	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
174b	N84 Headford Road Junction South	58	57	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
175a	N84 Headford Road Junction South (to be demolished)	68	64	Yes	No	Yes	N/A	N/A	N/A
175b	N84 Headford Road Junction South (to be demolished)	65	62	Yes	No	Yes	N/A	N/A	N/A
176	N84 Headford Road Junction South	55	57	No	Yes	Yes	Minor	Medium	Slight
177a	N84 Headford Road Junction (front)	61	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
177b	N84 Headford Road Junction (rear)	64	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
178	Ballindooley Boithrin/N84 Junction	52	57	No	Yes	Yes	Major	Medium	Moderate
179	Ballindooley/N84 Headford Road	65	67	Yes	Yes	No	Minor	Very High	Significant
180	Ballindooley/N84 Headford Road	65	67	Yes	Yes	No	Minor	Very High	Significant
181	N84 Headford Road Junction	68	69	Yes	Yes	Yes	Minor	Very High	Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
182	N84 Headford Road Junction	70	70	Yes	No	Yes	Negligible	Very High	Not Significant - Slight
183	N84 Headford Road Junction	61	62	Yes	No	Yes	Negligible	High	Not Significant - Slight
184	N84 Headford Road Junction (to be demolished)	61	62	Yes	Yes	Yes	N/A	N/A	N/A
185	Ballindooley/N84 Headford Road	65	66	Yes	Yes	No	Minor	Very High	Significant
186	Ballindooley/N84 Headford Road	67	69	Yes	Yes	No	Minor	Very High	Significant
187	Bóthar an Chóiste	52	56	No	Yes	Yes	Moderate	Medium	Moderate
188	Bóthar an Chóiste	49	59	No	Yes	Yes	Major	Medium	Moderate
189	Bóthar an Chóiste	47	55	No	Yes	Yes	Major	Medium	Moderate
190	Bóthar an Chóiste	49	56	No	Yes	Yes	Major	Medium	Moderate
191	Castlegar	47	55	No	Yes	Yes	Major	Medium	Moderate
192	Castlegar	48	57	No	Yes	Yes	Major	Medium	Moderate
193	Castlegar	48	55	No	Yes	Yes	Major	Medium	Moderate
194	School Road North	50	59	No	Yes	Yes	Major	Medium	Moderate
195a	School Road (front) (to be acquired)	60	56	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive
195b	School Road (rear) (to be acquired)	53	61	Yes	Yes	Yes	Major (N/A)	High	Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
196	School Road North	50	58	No	Yes	Yes	Major	Medium	Moderate
197	Castlegar School	57	57	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
198a	Castlegar/School Road South - rear (to be acquired)	53	59	No	Yes	Yes	Major (N/A)	Medium	Moderate
198b	Castlegar/School Road South - front (to be acquired)	61	58	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive
199	Castlegar School	53	56	No	Yes	Yes	Moderate	Medium	Moderate
200	Castlegar/School Road South (to be demolished)	51	61	Yes	Yes	Yes	N/A	N/A	N/A
201	Castlegar/School Road South	48	55	No	Yes	Yes	Major	Medium	Moderate
202	Castlegar/School Road South	46	52	No	Yes	Yes	Major	Low	Slight
203	Castlegar	49	56	No	Yes	Yes	Major	Medium	Moderate
204	Castlegar/N83 Tuam Road	52	57	No	Yes	Yes	Moderate	Medium	Moderate
205	N83 Tuam Road South	71	70	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
206	Castlegar/N83 Tuam Road	59	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
207a	Castlegar/N83 Tuam Road South (front)	69	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
207b	Castlegar/N83 Tuam Road South (rear)	62	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
208	Castlegar/N83 Tuam Road	56	60	No	Yes	Yes	Moderate	Medium	Moderate



Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
209	City North Park Link Road	59	59	No	No	Yes	Negligible	Medium	Not Significant - Slight
210	N6 Bothar na dTreabh	75	74	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
211	Monivea Road R339 west	57	56	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
212	N83 Tuam Road North (front)	56	59	No	Yes	Yes	Moderate	Medium	Moderate
212 R	N83 Tuam Road North (rear)	54	59	No	Yes	Yes	Moderate	Medium	Moderate
213a	N83 Tuam Road North/Ceapach na Boirne (front)	71	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
213b	N83 Tuam Road North/Ceapach na Boirne (rear)	64	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
214	N83 Tuam Road North/Ceapach na Boirne	71	67	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
215	N83 Tuam Road North/Ceapach na Boirne	68	65	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
216	N17 Tuam Road North	69	67	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
217	The Meadows/N6 Bothar na dTreabh	71	72	Yes	No	No	Negligible	Very High	Not Significant - Slight
218	Galway Racecourse	49	55	No	Yes	Yes	Major	Medium	Moderate
219	N83 Tuam Road South	71	73	Yes	Yes	No	Minor	Very High	Significant
220	N83 Tuam Road North	67	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
221	Galway Racecourse	54	55	No	No	Yes	Negligible	Medium	Not Significant - Slight
222	The Meadows/N6 Bothar na dTreabh	70	54	No	No	No	No Change/Reduction	Low	Imperceptible/Positive
223	N83 Tuam Road North	67	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
224	Racecourse Ave, Ballybrit	55	57	No	Yes	Yes	Minor	Medium	Slight
225	The Paddocks, N6 Bothar na dTreabh	73	72	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
226	Galway Racecourse	56	56	No	No	No	Negligible	Medium	Not Significant - Slight
227	Galway Racecourse	53	55	No	Yes	Yes	Minor	Medium	Slight
228	Racecourse Business Park (to be demolished)	53	62	Yes	Yes	Yes	N/A	N/A	N/A
229	Racecourse Ave, Ballybrit (to be demolished)	55	59	No	Yes	Yes	N/A	N/A	N/A
230	Racecourse Ave, Ballybrit	54	55	No	Yes	Yes	Minor	Medium	Slight
231	Racecourse Ave, Ballybrit	56	55	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
232	Racecourse Ave, Ballybrit	57	56	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
233	Ballybrit Crescent	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
234a	Ballybrit Crescent (front)	66	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
234b	Ballybrit Crescent (rear)	55	57	No	Yes	Yes	Minor	Medium	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
235	Ballybrit Crescent	57	58	No	Yes	Yes	Minor	Medium	Slight
236	Ballybrit Cresent	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
237	An Sean Bhaile	71	68	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
238	Monivea Road R339, Ballybrit Cresent Junction	66	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
239	Monivea Road R339, Ballybrit Cresent Junction	57	59	No	Yes	Yes	Minor	Medium	Slight
240	An Sean Bhaile	71	65	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
241	Merlin Woods School	61	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
242	Monivea Road R339 East	56	58	No	Yes	Yes	Minor	Medium	Slight
243	Coolagh Village	56	55	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
244	Garran Iseal	70	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
245	Coolagh Village	57	58	No	Yes	Yes	Minor	Medium	Slight
246a	Coolagh Village (rear)	56	58	No	Yes	Yes	Minor	Medium	Slight
246b	Coolagh Village (front)	56	57	No	Yes	Yes	Minor	Medium	Slight
247	Galway Clinic R446 Doughiska	64	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
248	Coolagh Village	54	55	No	No	Yes	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
249	Coolagh Village	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
250	Coolagh Village	54	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
251a	Menlough/Sean Bothar (front)	41	57	No	Yes	Yes	Major	Medium	Moderate
251b	Menlough/Sean Bothar (rear)	47	58	No	Yes	Yes	Major	Medium	Moderate
252	Cappagh Road South	58	60	No	Yes	Yes	Minor	Medium	Slight
253	Cappagh Road South	57	59	No	Yes	No	Minor	Medium	Slight
254	Cappagh Road South	56	58	No	Yes	No	Minor	Medium	Slight
255a	Letteragh Road South (front)	62	57	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
255b	Letteragh Road South (side)	56	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
256	Cappagh Road South	43	53	No	Yes	Yes	Major	Low	Slight
257	Cappagh Road South	54	58	No	Yes	Yes	Moderate	Medium	Moderate
258	Parkmore Link Road	51	53	No	Yes	Yes	Minor	Low	Not Significant
259	Troscaigh Thoir	48	58	No	Yes	Yes	Major	Medium	Moderate
260	Maoilin	40	54	No	Yes	Yes	Major	Low	Slight
261	Maoilin	40	53	No	Yes	Yes	Major	Low	Slight
262	Maoilin	40	54	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
263	Maoilin	40	56	No	Yes	Yes	Major	Medium	Moderate
264	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
265	Maoilin	40	53	No	Yes	Yes	Major	Low	Slight
266	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
267	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
268	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
269	Maoilin	39	56	No	Yes	Yes	Major	Medium	Moderate
270	Coolagh	60	60	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
2024_1	Galway Racecourse	55	52	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
2024_2	Parkmore Road - residential property	49	49	No	No	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
2024_3	Knocknagreana - residential property	38	51	No	Yes	Yes	Moderate	Low	Slight
2024_4	Knocknagreana - residential property	42	52	No	Yes	Yes	Moderate	Low	Slight
2024_5	Knocknagreana - residential property	40	51	No	Yes	Yes	Moderate	Low	Slight
2024_6	Na Forai Maola Thoir - residential property	35	50	No	Yes	Yes	Major	Negligible	Not Significant
2025_7	Na Forai Maola Thoir - residential property	34	50	No	Yes	Yes	Major	Negligible	Not Significant

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_8	Trusky West - residential property	37	48	No	Yes	Yes	Major	Negligible	Not Significant
2024_9	Ballymoneen Road South - residential under construction	48	67	Yes	Yes	Yes	Major	Very High	Very Significant
2024_10	Ballymoneen Road South - residential under construction	45	67	Yes	Yes	Yes	Major	Very High	Very Significant
2024_11	Clybaun Road - residential property	43	54	No	Yes	Yes	Moderate	Low	Slight
2024_12	Clybaun Road - residential property	49	57	No	Yes	Yes	Major	Medium	Moderate
2024_13	Clybaun Road - residential property	52	57	No	Yes	Yes	Major	Medium	Moderate
2024_14	Clybaun Road - residential property	56	58	No	Yes	Yes	Minor	Medium	Slight
2024_15	Letteragh Road - residential property	49	50	No	Yes	Yes	Minor	Negligible	Not Significant
2024_16	Letteragh Road - residential property	40	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
2024_17	Letteragh Road - residential property	57	59	No	Yes	Yes	Minor	Medium	Slight
2024_18	Lakeview Hill - residential property	46	50	No	Yes	Yes	Moderate	Negligible	Not Significant
2024_19	Lakeview Hill - residential property	44	51	No	Yes	Yes	Moderate	Low	Slight
2024_20	Lakeview Hill - residential property	41	50	No	Yes	Yes	Minor	Negligible	Not Significant
2024_21	Lakeview Hill - residential property	42	50	No	Yes	Yes	Moderate	Negligible	Not Significant
2024_22	Castlegar School- extension building	51	55	No	Yes	Yes	Moderate	Medium	Moderate

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_23a	Menlough/Sean Bothar (front) - residential property	56	58	No	Yes	Yes	Minor	Medium	Slight
2024_23b	Menlough/Sean Bothar (rear) - residential property	40	56	No	Yes	Yes	Major	Medium	Moderate
2024_24	Castlegar - residential property	49	56	No	Yes	Yes	Major	Medium	Moderate
2024_25	Castlegar/School Road South - Nursing home extension	49	55	No	Yes	Yes	Major	Medium	Moderate
2024_26	Castlegar/School Road South - Nursing home extension	49	54	No	Yes	Yes	Moderate	Low	Slight
2024_27	Ballymoneen Road South - residential under construction (apartment)	54	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_28	Ballymoneen Road South - residential under construction (apartment)	46	67	Yes	Yes	Yes	Major	Very High	Very Significant
2024_29	Rahoon Road - residential property	39	48	No	Yes	No	Minor	Negligible	Not Significant
2024_30	Rahoon Road - residential property (granted, not built)	47	54	No	Yes	Yes	Major	Low	Slight
2024_31	Lakeview Hill - residential (granted, not built)	42	53	No	Yes	Yes	Major	Low	Slight
2024_32	Letteragh Road - residential property	45	50	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
2024_33	Letteragh Road - residential property	43	50	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive

Receiver Location Reference	Description	Opening Year 2031		TII Condition for Noise Mitigation Satisfied?			2031 Magnitude of change - short term	2031 Noise level range	2031 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_34a_	Rahoon link apt (new development) A	58	61	Yes	Yes	Yes	Minor	High	Moderate - Significant
2024_34b_	Rahoon link apt (new development) A	52	58	No	Yes	Yes	Major	Medium	Moderate
2024_35	Rahoon Link (new development)	46	55	No	Yes	Yes	Major	Medium	Moderate
2024_36	Rahoon Link (new development)	45	55	No	Yes	Yes	Major	Medium	Moderate
2024_37	Rahoon Link (new development)	43	54	No	Yes	Yes	Minor	Low	Not Significant
2024_38	Bóthar an Chóiste -residential property	49	59	No	Yes	Yes	Major	Medium	Moderate



**Table A18.2.4 Calculated Traffic Noise Levels – With Mitigation Design Year 2046**

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
1	R336 West of Bearna West Roundabout	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
2	R336 West of Bearna West Roundabout	59	60	No	No	No	Negligible	Medium	Not Significant - Slight
3	Na Foraí Maola Thoir	40	44	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
4	Na Foraí Maola Thoir	39	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
5	R336 West of Bearna West Roundabout	63	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
6	R336 West of Bearna West Roundabout	63	62	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
7	R336 West of Bearna West Roundabout	58	55	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
8	R336 East of Bearna West Roundabout	59	55	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
9	Na Foraí Maola Thoir	44	54	No	Yes	Yes	Moderate	Low	Slight
10	Na Foraí Maola Thoir	39	54	No	Yes	Yes	Major	Low	Slight
11	Na Foraí Maola Thoir	45	53	No	Yes	Yes	Moderate	Low	Slight
12	R336 East of Bearna West Roundabout	67	65	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
13	Na Foraí Maola Thoir	36	59	No	Yes	Yes	Major	Medium	Moderate
14	Na Foraí Maola Thoir	45	51	No	Yes	Yes	Moderate	Low	Slight
15	Na Foraí Maola Thoir	40	50	No	Yes	Yes	Moderate	Negligible	Not Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
16	Na Foraf Maola Thiar	36	52	No	Yes	Yes	Moderate	Low	Slight
17	Na Foraf Maola Thoir	53	53	No	No	No	No Change/Reduction	Low	Imperceptible/Positive
18	Na Foraf Maola Thoir	38	50	No	Yes	Yes	Moderate	Negligible	Not Significant
19	Na Foraf Maola Thoir (to be demolished)	37	60	No	Yes	Yes	N/A	N/A	N/A
20	Na Foraf Maola Thoir	47	51	No	Yes	Yes	Minor	Low	Not Significant
21	Na Foraf Maola Thoir	45	48	No	Yes	Yes	Minor	Negligible	Not Significant
22	Na Foraf Maola Thoir	36	53	No	Yes	Yes	Moderate	Low	Slight
23	Na Foraf Maola Thiar	36	54	No	Yes	Yes	Moderate	Low	Slight
24	Na Foraf Maola Thiar	38	50	No	Yes	Yes	Minor	Negligible	Not Significant
25	Foraf Maola Road	46	48	No	Yes	No	Negligible	Negligible	Not Significant
26	Foraf Maola Road	42	52	No	Yes	Yes	Moderate	Low	Slight
27	Na Foraf Maola Thiar (to be acquired)	41	58	No	Yes	Yes	Major (N/A)	Medium	Moderate
28	Foraf Maola Road	40	47	No	Yes	Yes	Moderate	Negligible	Not Significant
29	Foraf Maola Road	39	54	No	Yes	Yes	Moderate	Low	Slight
30	R336 East of Bearna West Roundabout	66	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
31	Na Foraf Maola Thoir	33	51	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
32a	Na Foraf Maola Thoir (front)	45	54	No	Yes	Yes	Moderate	Low	Slight
32b	Na Foraf Maola Thoir (rear)	34	57	No	Yes	Yes	Major	Medium	Moderate
33	Na Foraf Maola Thoir	46	56	No	Yes	Yes	Moderate	Medium	Moderate
34	Na Foraf Maola Thoir	40	52	No	Yes	Yes	Moderate	Low	Slight
35	Troscaigh Road	35	52	No	Yes	Yes	Minor	Low	Not Significant
36	Troscaigh Road (to be acquired)	37	55	No	Yes	Yes	Major (N/A)	Medium	Moderate
37	Troscaigh Road	35	56	No	Yes	Yes	Major	Medium	Moderate
38	Troscaigh Road	35	54	No	Yes	Yes	Major	Low	Slight
39	Troscaigh Road	33	53	No	Yes	Yes	Major	Low	Slight
40	Troscaigh Road	33	55	No	Yes	Yes	Major	Medium	Moderate
41	Troscaigh Road	36	48	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
42	Troscaigh Thiar	32	49	No	Yes	Yes	Moderate	Negligible	Not Significant
43	Troscaigh- Ann Gibbons Road	38	49	No	Yes	Yes	Negligible	Negligible	Not Significant
44	Troscaigh- Ann Gibbons Road	36	53	No	Yes	Yes	Moderate	Low	Slight
45	Troscaigh- Ann Gibbons Road	35	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
46	Troscaigh- Ann Gibbons Road	40	59	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
47	Troscaigh Thoir	47	51	No	Yes	Yes	Minor	Low	Not Significant
48	Troscaigh Thoir - L1321 North	56	57	No	Yes	Yes	Minor	Medium	Slight
49	Troscaigh Thoir - L1321 North	60	60	No	No	No	Negligible	Medium	Not Significant - Slight
50	Troscaigh Thoir - L1321 North	54	56	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
51	Troscaigh Thoir - L1321 South	61	61	Yes	No	No	Negligible	High	Not Significant - Slight
52	An Chloch Scoilte	39	50	No	Yes	Yes	Minor	Negligible	Not Significant
53	An Chloch Scoilte	37	54	No	Yes	Yes	Minor	Low	Not Significant
54a	An Chloch Scoilte (front)	35	45	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
54b	An Chloch Scoilte (rear)	38	49	No	Yes	Yes	Minor	Negligible	Not Significant
55	An Chloch Scoilte	35	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
56	An Chloch Scoilte (to be acquired)	41	55	No	Yes	Yes	Moderate	Medium	Moderate
57	An Chloch Scoilte - Aille Road L5384	37	47	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
58	An Chloch Scoilte- Aille Road L5384	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
59	An Chloch Scoilte- Aille Road L5384 (to be acquired)	41	49	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
60	Ballard East	40	53	No	Yes	Yes	Minor	Low	Not Significant
61	An Chloch Scoilte - Aille Road L5384	43	54	No	Yes	Yes	Minor	Low	Not Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
62	Cappagh Road North	57	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
63a	Cappagh Road North (rear)	57	60	No	Yes	Yes	Minor	Medium	Slight
63b	Cappagh Road North (side/front)	62	57	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
64a	Cappagh Road North (front)	60	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
64b	Cappagh Road North (rear)	42	49	No	Yes	Yes	Negligible	Negligible	Not Significant
65a	Cappagh Road North (front)	61	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
65b	Cappagh Road North (rear)	47	56	No	Yes	Yes	Major	Medium	Moderate
66a	Cappagh Road South (side/rear)	56	57	No	No	Yes	Negligible	Medium	Not Significant - Slight
66b	Cappagh Road South (front)	63	60	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
67a	Cappagh Road South (rear)	43	54	No	Yes	Yes	Negligible	Low	Not Significant
67b	Cappagh Road South (front)	58	60	No	Yes	Yes	Minor	Medium	Slight
68	Ballyburke	43	48	No	Yes	Yes	Minor	Negligible	Not Significant
69	Ballyburke	43	50	No	Yes	Yes	Moderate	Negligible	Not Significant
70	Ballyburke	43	53	No	Yes	Yes	Moderate	Low	Slight
71	Ballyburke	44	54	No	Yes	Yes	Major	Low	Slight
72	Ballymoneen Road South	41	53	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
73	Ballymoneen Road South	44	51	No	Yes	Yes	Moderate	Low	Slight
74a	Ballymoneen Road South	55	60	No	Yes	Yes	Moderate	Medium	Moderate
74b	Ballymoneen Road South	39	59	No	Yes	Yes	Major	Medium	Moderate
75a	Ballymoneen Road South	57	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
75b	Ballymoneen Road South	40	51	No	Yes	Yes	Moderate	Low	Slight
76	Ballymoneen Road North	57	61	Yes	Yes	Yes	Moderate	High	Significant
77	Ballymoneen Road South	58	59	No	Yes	No	Negligible	Medium	Not Significant - Slight
78	Ballymoneen Road South	59	60	No	Yes	No	Negligible	Medium	Not Significant - Slight
79	Ballymoneen Road North	61	63	Yes	Yes	No	Negligible	High	Not Significant - Slight
80a	Ballymoneen Road North (front)	59	62	Yes	Yes	Yes	Minor	High	Moderate - Significant
80b	Ballymoneen Road North (rear)	50	59	No	Yes	Yes	Moderate	Medium	Moderate
81	Ballymoneen Road South	46	52	No	Yes	Yes	Moderate	Low	Slight
82	Ballymoneen	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
83	Ballymoneen Road	61	63	Yes	Yes	No	Negligible	High	Not Significant - Slight
84	Ballymoneen	60	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
85	Árd na Gaoithe - Ballymoneen	42	55	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
86	Árd na Gaoithe - Ballymoneen	43	58	No	Yes	Yes	Major	Medium	Moderate
87	Árd na Gaoithe - Ballymoneen	39	47	No	Yes	Yes	Negligible	Negligible	Not Significant
88	Árd na Gaoithe - Ballymoneen	44	57	No	Yes	Yes	Moderate	Medium	Moderate
89a	Rahoon Road (front)	57	56	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
89b	Rahoon Road (rear)	55	59	No	Yes	Yes	Minor	Medium	Slight
90	Rahoon Road	45	59	No	Yes	Yes	Major	Medium	Moderate
91a	Rahoon Road (front)	56	58	No	Yes	Yes	Minor	Medium	Slight
91b	Rahoon Road (side)	53	57	No	Yes	Yes	Moderate	Medium	Moderate
92	Árd na Gaoithe - Ballymoneen	43	56	No	Yes	Yes	Moderate	Medium	Moderate
93	Clybaun Road South	45	56	No	Yes	Yes	Minor	Medium	Slight
94	Clybaun Road South	48	59	No	Yes	Yes	Major	Medium	Moderate
95	Clybaun Road North	46	57	No	Yes	Yes	Moderate	Medium	Moderate
96	Clybaun Road North	49	58	No	Yes	Yes	Moderate	Medium	Moderate
97	Clybaun Road North	41	53	No	Yes	Yes	Minor	Low	Not Significant
98	Clybaun Road North	42	55	No	Yes	Yes	Moderate	Medium	Moderate
99	Rahoon Road	46	51	No	Yes	Yes	Moderate	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
100	Rahoon Road	58	58	No	No	Yes	Negligible	Medium	Not Significant - Slight
101	Rahoon Road	50	55	No	Yes	Yes	Moderate	Medium	Moderate
102	Rahoon Road	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
103	Between Rahoon & Letteragh Road	43	55	No	Yes	Yes	Moderate	Medium	Moderate
104	Between Rahoon & Letteragh Road	45	51	No	Yes	Yes	Minor	Low	Not Significant
105	Rahoon Road	62	62	Yes	No	No	Negligible	High	Not Significant - Slight
106	Between Rahoon & Letteragh Road	43	60	No	Yes	Yes	Major	Medium	Moderate
107	Letteragh Road North	57	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
108	Letteragh Road North	55	58	No	Yes	Yes	Minor	Medium	Slight
109	Letteragh Road South	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
110	Letteragh Road South	53	58	No	Yes	Yes	Moderate	Medium	Moderate
111	N59 Moycullen Road (Parknagapple)	63	63	Yes	No	No	Negligible	High	Not Significant - Slight
112	N59 Link Road/ Busypark	47	52	No	Yes	Yes	Moderate	Low	Slight
113	Letteragh Road South	56	52	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
114	Bun A Chonic	44	55	No	Yes	Yes	Major	Medium	Moderate
115	Rosán Glas - Letteragh	50	56	No	Yes	Yes	Moderate	Medium	Moderate



Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
116	Knocknabrona (to be acquired)	42	60	No	Yes	Yes	Major (N/A)	Medium	Moderate
117	Rosán Glas - Letteragh	61	61	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
118	Knocknabrona (to be acquired)	38	58	No	Yes	Yes	Major (N/A)	Medium	Moderate
119	Bushypark/N59 Moycullen Road	55	56	No	Yes	No	Negligible	Medium	Not Significant - Slight
120a	Letteragh Road South (front)	61	57	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
120b	Letteragh Road South (side)	57	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
121	Bushypark/N59 Moycullen Road	65	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
122	Bushypark/N59 Moycullen Road	59	58	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
123	Bushypark/N59 Moycullen Road	66	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
124	Knocknabrona (Cloghscoltia)	43	55	No	Yes	Yes	Minor	Medium	Slight
125	Knocknabrona (Cloghscoltia)	45	55	No	Yes	Yes	Minor	Medium	Slight
126	N59 Link Road/Radharc an Locha	49	50	No	No	No	Negligible	Negligible	Not Significant
127	St James Church N59 Moycullen Road	61	59	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
128	Letteragh Road South	62	63	Yes	Yes	No	Negligible	High	Not Significant - Slight
129	Letteragh Road South	57	59	No	Yes	No	Negligible	Medium	Not Significant - Slight
130	Letteragh Road South	58	59	No	Yes	No	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
131	N59 Moycullen Road	63	62	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
132	The Heath Knocknabrona	39	51	No	Yes	Yes	Minor	Low	Not Significant
133	Knocknabrona	40	49	No	Yes	Yes	Negligible	Negligible	Not Significant
134	Barnacranny	42	55	No	Yes	Yes	Minor	Medium	Slight
135	The Heath	41	55	No	Yes	Yes	Moderate	Medium	Moderate
136	Barnacranny	51	59	No	Yes	Yes	Moderate	Medium	Moderate
137	Circular Road	39	49	No	Yes	Yes	Negligible	Negligible	Not Significant
138	The Heath	45	60	No	Yes	Yes	Major	Medium	Moderate
139	N59 Moycullen Road/Ard na Locha	62	62	Yes	No	Yes	Negligible	High	Not Significant - Slight
140	Barnacranny	50	62	Yes	Yes	Yes	Major	High	Significant
141	N59 Moycullen Road/Chestnut Lane	63	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
142	N59 Moycullen Road/Ard na Locha	51	59	No	Yes	Yes	Moderate	Medium	Moderate
143	The Heath, Upper Dangan	45	56	No	Yes	Yes	Moderate	Medium	Moderate
144a	Árd an Locha (to be acquired)	55	59	No	Yes	Yes	Minor (N/A)	Medium	Slight
144b	Árd an Locha (to be acquired)	58	59	No	No	Yes	Negligible (N/A)	Medium	Not Significant - Slight
145	The Heath	47	58	No	Yes	Yes	Major	Medium	Moderate

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
146a	Árd an Locha (side)	46	58	No	Yes	Yes	Major	Medium	Moderate
146b	Árd an Locha (rear)	51	60	No	Yes	Yes	Moderate	Medium	Moderate
147a	Árd an Locha (front)	60	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
147b	Árd an Locha/N59 Moycullen Road (side)	68	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
148a	N59 Moycullen Road/Aughnacurra (rear)	62	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
148b	N59 Moycullen Road/Aughnacurra (side/front)	66	64	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
149	Circular Road Upper Dangan	48	57	No	Yes	Yes	Moderate	Medium	Moderate
150	St. James National School, Upper Dangan	48	57	No	Yes	Yes	Moderate	Medium	Moderate
151a	Upper Dangan/N59 Moycullen Road (front)	61	62	Yes	Yes	Yes	Negligible	High	Not Significant - Slight
151b	Upper Dangan/N59 Moycullen Road (side)	58	61	Yes	Yes	Yes	Minor	High	Moderate - Significant
152	Aughnacurra	50	55	No	Yes	Yes	Moderate	Medium	Moderate
153	Aughnacurra (to be acquired)	57	61	Yes	Yes	Yes	Minor (N/A)	High	Moderate - Significant
154	Aughnacurra	52	58	No	Yes	Yes	Moderate	Medium	Moderate
155	Upper Dangan/N59 Moycullen Road	62	62	Yes	No	Yes	Negligible	High	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
156	Aughnacurra	46	58	No	Yes	Yes	Major	Medium	Moderate
157	N59 Moycullen Road	65	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
158	UoG	50	60	No	Yes	Yes	Major	Medium	Moderate
159	N59 Moycullen Road	69	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
160	UoG	47	58	No	Yes	Yes	Major	Medium	Moderate
161	N59 Moycullen Road	70	67	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
162	N59 Moycullen Road/UoG	60	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
163	Dangan House	44	57	No	Yes	Yes	Moderate	Medium	Moderate
164	N59 Moycullen Road/Clifton Close	65	63	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
165	Menlo Castle	46	57	No	Yes	Yes	Major	Medium	Moderate
166	The Orchard, Menlo Park, Menlough	40	55	No	Yes	Yes	Moderate	Medium	Moderate
167	Menlough/Bóthar Nua	43	59	No	Yes	Yes	Moderate	Medium	Moderate
168a	Coolough Road (front)	40	60	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
168b	Coolough Road (rear)	43	60	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
169	Menlough/Sean Bothar	46	59	No	Yes	Yes	Major	Medium	Moderate
170a	Menlough/Sean Bothar (front)	59	60	No	Yes	Yes	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
170b	Menlough/Sean Bothar (rear)	51	57	No	Yes	Yes	Moderate	Medium	Moderate
171	Coolough Road	46	55	No	Yes	Yes	Moderate	Medium	Moderate
172	N84 Headford Road/Ballinfoyle	64	64	Yes	No	No	No Change/Reduction	High	Imperceptible/Positive
173	Ballindooley Boithrin/N84 Junction	56	61	Yes	Yes	Yes	Moderate	High	Significant
174a	N84 Headford Road Junction South	67	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
174b	N84 Headford Road Junction South	58	58	No	No	Yes	Negligible	Medium	Not Significant - Slight
175a	N84 Headford Road Junction South (to be demolished)	68	65	Yes	No	Yes	N/A	N/A	N/A
175b	N84 Headford Road Junction South (to be demolished)	66	63	Yes	No	Yes	N/A	N/A	N/A
176	N84 Headford Road Junction South	56	58	No	Yes	Yes	Minor	Medium	Slight
177a	N84 Headford Road Junction (front)	61	62	Yes	No	Yes	Negligible	High	Not Significant - Slight
177b	N84 Headford Road Junction (rear)	64	64	Yes	No	Yes	Negligible	High	Not Significant - Slight
178	Ballindooley Boithrin/N84 Junction	52	58	No	Yes	Yes	Moderate	Medium	Moderate
179	Ballindooley/N84 Headford Road	65	67	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
180	Ballindooley/N84 Headford Road	66	67	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
181	N84 Headford Road Junction	68	69	Yes	Yes	Yes	Negligible	Very High	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
182	N84 Headford Road Junction	70	71	Yes	No	Yes	Negligible	Very High	Not Significant - Slight
183	N84 Headford Road Junction	61	62	Yes	No	Yes	Negligible	High	Not Significant - Slight
184	N84 Headford Road Junction (to be demolished)	61	63	Yes	Yes	Yes	N/A	N/A	N/A
185	Ballindooley/N84 Headford Road	65	66	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
186	Ballindooley/N84 Headford Road	67	69	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
187	Bóthar an Chóiste	53	57	No	Yes	Yes	Moderate	Medium	Moderate
188	Bóthar an Chóiste	49	60	No	Yes	Yes	Major	Medium	Moderate
189	Bóthar an Chóiste	47	56	No	Yes	Yes	Moderate	Medium	Moderate
190	Bóthar an Chóiste	49	56	No	Yes	Yes	Moderate	Medium	Moderate
191	Castlegar	47	56	No	Yes	Yes	Moderate	Medium	Moderate
192	Castlegar	48	58	No	Yes	Yes	Major	Medium	Moderate
193	Castlegar	49	56	No	Yes	Yes	Moderate	Medium	Moderate
194	School Road North	51	60	No	Yes	Yes	Major	Medium	Moderate
195a	School Road (front) (to be acquired)	60	57	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive
195b	School Road (rear) (to be acquired)	53	62	Yes	Yes	Yes	Moderate (N/A)	High	Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
196	School Road North	50	59	No	Yes	Yes	Moderate	Medium	Moderate
197	Castlegar School	58	58	No	No	Yes	Negligible	Medium	Not Significant - Slight
198a	Castlegar/ School Road South - rear (to be acquired)	54	60	No	Yes	Yes	Moderate (N/A)	Medium	Moderate
198b	Castlegar/ School Road South - front (to be acquired)	62	59	No	No	Yes	No Change/Reduction (N/A)	Medium	Imperceptible/Positive
199	Castlegar School	54	57	No	Yes	Yes	Minor	Medium	Slight
200	Castlegar/School Road South (to be demolished)	52	62	Yes	Yes	Yes	N/A	N/A	N/A
201	Castlegar/School Road South	49	56	No	Yes	Yes	Moderate	Medium	Moderate
202	Castlegar/School Road South	46	53	No	Yes	Yes	Moderate	Low	Slight
203	Castlegar	50	57	No	Yes	Yes	Moderate	Medium	Moderate
204	Castlegar/N83 Tuam Road	53	58	No	Yes	Yes	Moderate	Medium	Moderate
205	N83 Tuam Road South	72	71	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
206	Castlegar/N83 Tuam Road	60	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
207a	Castlegar/N83 Tuam Road South (front)	70	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
207b	Castlegar/N83 Tuam Road South (rear)	63	61	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
208	Castlegar/N83 Tuam Road	57	61	Yes	Yes	Yes	Minor	High	Moderate - Significant

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
209	City North Park Link Road	59	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
210	N6 Bothar na dTreabh	75	75	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
211	Monivea Road R339 west	57	56	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
212	N83 Tuam Road North (front)	56	60	No	Yes	Yes	Minor	Medium	Slight
212 R	N83 Tuam Road North (rear)	55	60	No	Yes	Yes	Moderate	Medium	Moderate
213a	N83 Tuam Road North/Ceapach na Boirne (front)	72	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
213b	N83 Tuam Road North/Ceapach na Boirne (rear)	64	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
214	N83 Tuam Road North/Ceapach na Boirne	72	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
215	N83 Tuam Road North/Ceapach na Boirne	69	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
216	N17 Tuam Road North	69	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
217	The Meadows/N6 Bothar na dTreabh	72	73	Yes	No	No	Negligible	Very High	Not Significant - Slight
218	Galway Racecourse	50	55	No	Yes	Yes	Moderate	Medium	Moderate
219	N83 Tuam Road South	71	73	Yes	Yes	No	Negligible	Very High	Not Significant - Slight
220	N83 Tuam Road North	67	66	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive



Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
221	Galway Racecourse	55	55	No	No	Yes	Negligible	Medium	Not Significant - Slight
222	The Meadows/N6 Bothar na dTreabh	70	54	No	No	No	No Change/Reduction	Low	Imperceptible/Positive
223	N83 Tuam Road North	68	67	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
224	Racecourse Ave, Ballybrit	55	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
225	The Paddocks, N6 Bothar na dTreabh	73	72	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
226	Galway Racecourse	56	57	No	No	Yes	Negligible	Medium	Not Significant - Slight
227	Galway Racecourse	53	55	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
228	Racecourse Business Park (to be demolished)	53	63	Yes	Yes	Yes	N/A	N/A	N/A
229	Racecourse Ave, Ballybrit (to be demolished)	56	60	No	Yes	Yes	N/A	N/A	N/A
230	Racecourse Ave, Ballybrit	54	56	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
231	Racecourse Ave, Ballybrit	56	55	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
232	Racecourse Ave, Ballybrit	57	57	No	No	Yes	Negligible	Medium	Not Significant - Slight
233	Ballybrit Crescent	61	60	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
234a	Ballybrit Crescent (front)	67	65	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
234b	Ballybrit Crescent (rear)	56	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
235	Ballybrit Crescent	57	59	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
236	Ballybrit Cresent	56	57	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
237	An Sean Bhaile	71	69	Yes	No	No	No Change/Reduction	Very High	Imperceptible/Positive
238	Monivea Road R339, Ballybrit Cresent Junction	67	63	Yes	No	Yes	No Change/Reduction	High	Imperceptible/Positive
239	Monivea Road R339, Ballybrit Cresent Junction	58	60	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
240	An Sean Bhaile	72	66	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
241	Merlin Woods School	61	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
242	Monivea Road R339 East	57	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
243	Coolagh Village	57	56	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
244	Garran Iseal	70	68	Yes	No	Yes	No Change/Reduction	Very High	Imperceptible/Positive
245	Coolagh Village	57	59	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
246a	Coolagh Village (rear)	56	59	No	Yes	Yes	Minor	Medium	Slight
246b	Coolagh Village (front)	56	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
247	Galway Clinic R446 Doughiska	64	64	Yes	No	Yes	Negligible	High	Not Significant - Slight
248	Coolagh Village	55	56	No	No	Yes	Negligible	Medium	Not Significant - Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
249	Coolagh Village	56	56	No	No	Yes	Negligible	Medium	Not Significant - Slight
250	Coolagh Village	55	54	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
251a	Menlough/Sean Bothar (front)	41	58	No	Yes	Yes	Moderate	Medium	Moderate
251b	Menlough/Sean Bothar (rear)	47	59	No	Yes	Yes	Major	Medium	Moderate
252	Cappagh Road South	59	60	No	No	Yes	Negligible	Medium	Not Significant - Slight
253	Cappagh Road South	58	59	No	No	No	Negligible	Medium	Not Significant - Slight
254	Cappagh Road South	57	57	No	No	No	Negligible	Medium	Not Significant - Slight
255a	Letteragh Road South (front)	63	58	No	No	No	No Change/Reduction	Medium	Imperceptible/Positive
255b	Letteragh Road South (side)	57	55	No	No	Yes	No Change/Reduction	Medium	Imperceptible/Positive
256	Cappagh Road South	44	54	No	Yes	Yes	Moderate	Low	Slight
257	Cappagh Road South	55	59	No	Yes	Yes	Minor	Medium	Slight
258	Parkmore Link Road	51	54	No	Yes	Yes	Negligible	Low	Not Significant
259	Troscaigh Thoir	49	59	No	Yes	Yes	Major	Medium	Moderate
260	Maoilin	41	55	No	Yes	Yes	Major	Medium	Moderate
261	Maoilin	41	54	No	Yes	Yes	Major	Low	Slight
262	Maoilin	41	54	No	Yes	Yes	Major	Low	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
263	Maoilin	41	57	No	Yes	Yes	Major	Medium	Moderate
264	Maoilin	39	55	No	Yes	Yes	Major	Medium	Moderate
265	Maoilin	41	53	No	Yes	Yes	Major	Low	Slight
266	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
267	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
268	Maoilin	40	55	No	Yes	Yes	Major	Medium	Moderate
269	Maoilin	40	56	No	Yes	Yes	Major	Medium	Moderate
270	Coolagh	61	61	Yes	No	Yes	Negligible	High	Not Significant - Slight
2024_1	Galway Racecourse	55	53	No	No	Yes	No Change/Reduction	Low	Imperceptible/Positive
2024_2	Parkmore Road - residential property	50	50	No	No	Yes	Negligible	Negligible	Not Significant
2024_3	Knocknagreana - residential property	38	52	No	Yes	Yes	Minor	Low	Not Significant
2024_4	Knocknagreana - residential property	42	52	No	Yes	Yes	Moderate	Low	Slight
2024_5	Knocknagreana - residential property	40	52	No	Yes	Yes	Minor	Low	Not Significant
2024_6	Na Forai Maola Thoir - residential property	35	50	No	Yes	Yes	Moderate	Negligible	Not Significant
2025_7	Na Forai Maola Thoir - residential property	35	50	No	Yes	Yes	Moderate	Negligible	Not Significant

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		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_8	Trusky West - residential property	37	49	No	Yes	Yes	Moderate	Negligible	Not Significant
2024_9	Ballymoneen Road South - residential under construction (developer mitigation)	48	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_10	Ballymoneen Road South - residential under construction (developer mitigation)	45	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_11	Clybaun Road - residential property	43	54	No	Yes	Yes	Moderate	Low	Slight
2024_12	Clybaun Road - residential property	50	58	No	Yes	Yes	Moderate	Medium	Moderate
2024_13	Clybaun Road - residential property	52	58	No	Yes	Yes	Moderate	Medium	Moderate
2024_14	Clybaun Road - residential property	56	58	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
2024_15	Letteragh Road - residential property	50	51	No	Yes	Yes	Negligible	Low	Not Significant
2024_16	Letteragh Road - residential property	41	46	No	Yes	Yes	No Change/Reduction	Negligible	Imperceptible/Positive
2024_17	Letteragh Road - residential property	58	59	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
2024_18	Lakeview Hill - residential property	46	51	No	Yes	Yes	Minor	Low	Not Significant
2024_19	Lakeview Hill - residential property	44	51	No	Yes	Yes	Minor	Low	Not Significant
2024_20	Lakeview Hill - residential property	42	50	No	Yes	Yes	Minor	Negligible	Not Significant
2024_21	Lakeview Hill - residential property	43	51	No	Yes	Yes	Minor	Low	Not Significant
2024_22	Castlegar School- extension building	52	56	No	Yes	Yes	Minor	Medium	Slight

Receiver Location Reference	Description	Design Year 2046		TII Condition for Noise Mitigation Satisfied?			2046 Magnitude of change - Long Term	2046 Noise level range	2046 Overall Impact
		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_23a	Menlough/Sean Bothar (front) - residential property	56	59	No	Yes	Yes	Negligible	Medium	Not Significant - Slight
2024_23b	Menlough/Sean Bothar (rear) - residential property	40	57	No	Yes	Yes	Major	Medium	Moderate
2024_24	Castlegar - residential property	50	57	No	Yes	Yes	Moderate	Medium	Moderate
2024_25	Castlegar/School Road South - Nursing home extension	50	56	No	Yes	Yes	Moderate	Medium	Moderate
2024_26	Castlegar/School Road South - Nursing home extension	50	55	No	Yes	Yes	Moderate	Medium	Moderate
2024_27	Ballymoneen Road South - residential under construction (apartment) (developer mitigation)	55	69	Yes	Yes	Yes	Major	Very High	Very Significant
2024_28	Ballymoneen Road South - residential under construction (apartment) (developer mitigation)	47	68	Yes	Yes	Yes	Major	Very High	Very Significant
2024_29	Rahoon Road - residential property	40	49	No	Yes	Yes	Minor	Negligible	Not Significant
2024_30	Rahoon Road - residential property (granted, not built)	48	55	No	Yes	Yes	Moderate	Medium	Moderate
2024_31	Lakeview Hill - residential (granted, not built)	43	54	No	Yes	Yes	Moderate	Low	Slight
2024_32	Letteragh Road - residential property	46	51	No	Yes	Yes	Negligible	Low	Not Significant
2024_33	Letteragh Road - residential property	44	50	No	Yes	Yes	Negligible	Negligible	Not Significant

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		Predicted Noise Level							
		Do Minimum	Do Something						
		L <sub>den</sub> (dB)	L <sub>den</sub> (dB)	(a)	(b)	(c)			
2024_34a_	Rahoon link apt (new development) A	60	62	Yes	Yes	Yes	Minor	High	Moderate - Significant
2024_34b_	Rahoon link apt (new development) A	53	59	No	Yes	Yes	Moderate	Medium	Moderate
2024_35	Rahoon Link (new development)	47	56	No	Yes	Yes	Major	Medium	Moderate
2024_36	Rahoon Link (new development)	46	56	No	Yes	Yes	Major	Medium	Moderate
2024_37	Rahoon Link (new development)	44	55	No	Yes	Yes	Minor	Medium	Slight
2024_38	Bóthar an Chóiste -residential property	49	60	No	Yes	Yes	Major	Medium	Moderate