

Appendix A17.3: Predicted Noise Levels at Noise Sensitive Receptors

1 Introduction

- 1.1.1 This appendix provides the predicted noise levels at all identified noise sensitive receptors within the calculation area.
- 1.1.2 As noted within Chapter 17 (Noise and Vibration) Paragraph 17.4.12 the noise levels reported for each scenario show the least beneficial change in noise level. This will result, on occasion, different Do-Minimum Baseline Noise levels being reported for the same property in different scenarios.
- 1.1.3 Table 1 provides a list of Receptor IDs and property Addresses. Table 2 provides a list of Receptor IDs and predicted DMRB noise levels.
- 1.1.4 The following acronyms have been used in Table 2:
- DMB – Do-Minimum Baseline Year (2026);
 - DMF – Do-Minimum Future Assessment Year (2041);
 - DSB – Do-Something Baseline Year (2026); and
 - DSF – Do-Something Future Assessment Year (2041).

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Table 1: Receptor ID and noise sensitive receptor locations

Receptor ID	Location	Receptor ID	Location
R3.001	Warren Lodge, Zc502 From The Access Leading To Rotmell Farm To The A923 North Of Dunkeld, Dunkeld, Perth And Kinross, PH9 0NS	R3.055	Hostel 3 May Murray Memorial Camp, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NP
R3.002	St Colme's, Zc502 From The A9T To The Access Leading To Rotmell Farm, Dowally, Perth And Kinross, PH9 0NR	R3.056	Hostel 1 May Murray Memorial Camp, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NP
R3.003	The Mill, Access Road Off A9T Serving Properties, Dowally, Perth And Kinross, PH9 0NT	R3.057	Balnabeggan, Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NP
R3.004	Dowally Cottage, 1 Access Road Off A9T Serving Properties, Dowally, Perth And Kinross, PH9 0NT	R3.058	Alltoran, Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NR
R3.005	Guay Farmhouse, Access Road From The North Boundary Of Guay Farm Cottages To The A9T, Guay, Perth And Kinross, PH9 0NP	R3.059	East Dowally Farm, A9T From The Junction Of The U163 South Of Guay To The C502 By Rotmell Farm, Dowally, Perth And Kinross, PH9 0NR
R3.006	Dowally Schoolhouse, Zu163 From The Access Road Leading To East Countlich To The A9T South Of Guay, Guay, Perth And Kinross, PH9 0NX	R3.060	East Dowally Farm Cottage, A9T From The Junction Of The U163 South Of Guay To The C502 By Rotmell Farm, Dowally, Perth And Kinross, PH9 0NR
R3.007	The Knoll, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT	R3.061	Woodlands, Zc502 From The Access Leading To Rotmell Farm To The A923 North Of Dunkeld, Dunkeld, Perth And Kinross, PH9 0NS
R3.008	Morven, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW	R3.062	Leadpetty Lodge, Zc502 From The Access Leading To Rotmell Farm To The A923 North Of Dunkeld, Dunkeld, Perth And Kinross, PH9 0NS
R3.009	Croftnascallaig Farm, Cycle Route From Ballachallan Access To The Access Road Leading To Croftnascallaig Farm, Ballinluig, Perth And Kinross, PH9 0NN	R3.063	Ristol, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT
R3.010	Haugh Of Kilmorlich, A9T From The Junction Of The A827 To The Access Road Into Kindallachan, Ballinluig, Perth And Kinross, PH9 0NN	R3.064	Poldornie, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT
R3.011	Westhaugh Of Tulliemet, A9T From The Junction Of The A827 To The Access Road Into Kindallachan, Ballinluig, Perth And Kinross, PH9 0NN	R3.065	Gorchan House, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT
R3.012	3 Inchmagrannachan Cottage, Access Road Leading To Inchmagrannachan Cottages And Inchfield, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.066	Carnskerie House, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT
R3.013	2 Inchmagrannachan Cottage, Access Road Leading To Inchmagrannachan Cottages And Inchfield, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.067	Tayview, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT

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Receptor ID	Location	Receptor ID	Location
R3.014	1 Inchmagrannachan Cottage, Access Road Leading To Inchmagrannachan Cottages And Inchfield, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.068	Charis, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NT
R3.015	Inchmagrannachan Farmhouse, B898 Main Road, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.069	Teach Na H-Abhainn, Access Road Off A9T Serving Properties, Dowally, Perth And Kinross, PH9 0NT
R3.016	Inch Cottage, B898 From Main Road Inchmagrannachan To A9T North Of Inver, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.070	Rotmell Farm, Zc502 From The A9T To The Access Leading To Rotmell Farm, Dowally, Perth And Kinross, PH9 0NT
R3.017	4 Inchmagrannachan Cottage, Access Road Leading To Inchmagrannachan Cottages And Inchfield, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.071	Rotmell Farm, Cottage 3, Zc502 From The A9T To The Access Leading To Rotmell Farm, Dowally, Perth And Kinross, PH9 0NT
R3.018	The Coppers, B898 Main Road, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.072	Rotmell Farm Cottage, 1 Zc502 From The A9T To The Access Leading To Rotmell Farm, Dowally, Perth And Kinross, PH9 0NT
R3.019	Inchmagrannachan Farm, The Steading, B898 From Main Road Inchmagrannachan To A9T North Of Inver, Inchmagrannachan, Perth And Kinross, PH8 0JS	R3.073	Rotmell, Zc502 From The A9T To The Access Leading To Rotmell Farm, Dowally, Perth And Kinross, PH9 0NT
R3.020	1 Inchfield, Dunkeld, Perth And Kinross, PH8 0JT	R3.074	Rotmell Farm Cottage, 2 Zc502 From The A9T To The Access Leading To Rotmell Farm, Dowally, Perth And Kinross, PH9 0NT
R3.021	2 Inchfield, Dunkeld, Perth And Kinross, PH8 0JT	R3.075	Dowally Cottage, 2 Access Road Off A9T Serving Properties, Dowally, Perth And Kinross, PH9 0NT
R3.022	3 Inchfield, Dunkeld, Perth And Kinross, PH8 0JT	R3.076	Reviresco, Access Road Off A9T Serving Properties, Dowally, Perth And Kinross, PH9 0NT
R3.023	4 Inchfield, Dunkeld, Perth And Kinross, PH8 0JT	R3.077	Answell Cottage, 1 Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NT
R3.024	5 Inchfield, Dunkeld, Perth And Kinross, PH8 0JT	R3.078	Bank Cottage, Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NT
R3.025	6 Inchfield, Dunkeld, Perth And Kinross, PH8 0JT	R3.079	Old Mill House, Access Road Off A9T Serving Properties, Dowally, Perth And Kinross, PH9 0NT
R3.026	Cherry Cottage, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.080	Guay Lodge, Zu163 From The Access Road Leading To East Countlich To The A9T South Of Guay, Guay, Perth And Kinross, PH9 0NT
R3.027	Vine Cottage, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.081	Dowally Church, Access Road Leading To Car Park At Church, Dowally, Perth And Kinross, PH9 0NT

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Receptor ID	Location	Receptor ID	Location
R3.028	Briar Cottage, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.082	Answell Cottage, 2 Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NT
R3.029	Smithy House, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.083	Gleann Feidh, Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NT
R3.030	Hilltop, Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.084	Craft Centre House, Access Road Off A9 North Of Dowally Southwards To Dowally, Dowally, Perth And Kinross, PH9 0NT
R3.031	Beechwood, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.085	West Countlich Farm, Access Road Serving Properties, Kindallachan, Perth And Kinross, PH9 0NW
R3.032	Woodburn Cottage, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.086	Bracken Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.033	Woodburn House, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.087	East End Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.034	Burnlea, A827 Main Road, Ballinluig, Perth And Kinross, PH9 0LG	R3.088	Atholl Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.035	Mill Of Logierait, A827 Main Road, Logierait, Perth And Kinross, PH9 0LH	R3.089	Cappanach Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.036	Tummelferry, Access Road To Properties Off The A827, Logierait, Perth And Kinross, PH9 0LH	R3.090	Ivy Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.037	Station Cottages, 2 A827 From The Access Leading To Ferry Cottage To Main Road Ballinluig, Ballinluig, Perth And Kinross, PH9 0LQ	R3.091	Wayside Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.038	Station Cottages, 1 A827 From The Access Leading To Ferry Cottage To Main Road Ballinluig, Ballinluig, Perth And Kinross, PH9 0LQ	R3.092	Rose Cottage, Access Road Serving Properties, Kindallachan, Perth And Kinross, PH9 0NW
R3.039	Station Cottages, 3 A827 From The Access Leading To Ferry Cottage To Main Road Ballinluig, Ballinluig, Perth And Kinross, PH9 0LQ	R3.093	Beech Cottage, Access Road Serving Properties, Kindallachan, Perth And Kinross, PH9 0NW
R3.040	Station Cottages, 4 A827 From The Access Leading To Ferry Cottage To Main Road Ballinluig, Ballinluig, Perth And Kinross, PH9 0LQ	R3.094	Oshnie Cottage, Access Road Serving Properties, Kindallachan, Perth And Kinross, PH9 0NW
R3.041	Dalnabo Steadings, Access Road Off A9 South Of Ballinluig By Inch Cottage, Ballinluig, Perth And Kinross, PH9 0NL	R3.095	Craigurrard, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW

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Receptor ID	Location	Receptor ID	Location
R3.042	Dalnabo Farm Cottage, Access Road Off A9 South Of Ballinluig By Inch Cottage, Ballinluig, Perth And Kinross, PH9 0NL	R3.096	Jenkins Cottage, Access Road Serving Properties, Kindallachan, Perth And Kinross, PH9 0NW
R3.043	Inch Of Tulliemet Farm, A9T From The Junction Of The A827 To The Access Road Into Kindallachan, Ballinluig, Perth And Kinross, PH9 0NL	R3.097	Croft Croy, 1 Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.044	Inch Cottage, Access Road Off A9 South Of Ballinluig By Inch Cottage, Ballinluig, Perth And Kinross, PH9 0NL	R3.098	Croft Croy, 2 Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.045	Tummel View, Access Road Off A9 South Of Ballinluig By Inch Cottage, Ballinluig, Perth And Kinross, PH9 0NL	R3.099	Kilmorich Cottage, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.046	Dalnabo Farmhouse, Access Road Off A9 South Of Ballinluig By Inch Cottage, Ballinluig, Perth And Kinross, PH9 0NL	R3.100	Cairnmore, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.047	North Haugh Cottages, A9T From The Junction Of The A827 To The Access Road Into Kindallachan, Ballinluig, Perth And Kinross, PH9 0NN	R3.101	Rockview, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.048	South Haugh Cottages, A9T From The Junction Of The A827 To The Access Road Into Kindallachan, Ballinluig, Perth And Kinross, PH9 0NN	R3.102	Roslyn, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.049	Cuil-An-Duin, Cycle Route From Ballachallan Access To The Access Road Leading To Croftnascallaig Farm, Ballinluig, Perth And Kinross, PH9 0NN	R3.103	Lily Cabin, Access Roads Serving Properties Off A9T, Kindallachan, Perth And Kinross, PH9 0NW
R3.050	Balachallan Farm, Cycle Route From Ballachallan Access To The Access Road Leading To Croftnascallaig Farm, Ballinluig, Perth And Kinross, PH9 0NN	R3.104	Mid Countlich, Zu163 From The U164 East Of Ballinluig To The Access Road Leading To East Countlich, Tulliemet, Perth And Kinross, PH9 0NW
R3.051	Guay Farm Cottages, 3 Access Road From The North Boundary Of Guay Farm Cottages To The A9T, Guay, Perth And Kinross, PH9 0NP	R3.105	Dowally School, Zu163 From The Access Road Leading To East Countlich To The A9T South Of Guay, Guay, Perth And Kinross, PH9 0NX
R3.052	Guay Farm Cottages, 2 Access Road From The North Boundary Of Guay Farm Cottages To The A9T, Guay, Perth And Kinross, PH9 0NP	R3.106	Ballintuim Farm Cottage, Zu163 From The Access Road Leading To East Countlich To The A9T South Of Guay, Guay, Perth And Kinross, PH9 0NY
R3.053	Guay Farm Cottages, 1 Access Road From The North Boundary Of Guay Farm Cottages To The A9T, Guay, Perth And Kinross, PH9 0NP	R3.107	Ballintuim Farm, Zu163 From The Access Road Leading To East Countlich To The A9T South Of Guay, Guay, Perth And Kinross, PH9 0NY
R3.054	Hostel 2 May Murray Memorial Camp, Access Road To Properties Off U163, Guay, Perth And Kinross, PH9 0NP		

Table 2: Predicted noise levels at all identified noise sensitive receptors

Receptor ID	Predicted Noise Levels at the Least Beneficial Façade (L _{A10,18h}) (dB)																			
	Ground Floor										First Floor									
	Unmitigated					Mitigated					Unmitigated					Mitigated				
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF
R3.001	48.7	47.2	48.7	49.4	48.7	49.6	48.7	49.4	48.7	49.6	64.6	63.0	67.9	68.3	67.5	68.2	67.9	68.3	67.5	68.2
R3.002	51.6	51.5	41.5	44.6	41.5	45.0	41.5	44.6	41.5	45.0	52.0	51.9	44.7	48.3	44.7	48.6	44.7	48.3	44.7	48.6
R3.003	46.5	47.2	46.0	48.5	46.0	48.8	46.0	48.3	46.0	48.6	47.8	48.5	47.2	49.6	47.2	50.0	47.2	49.4	47.2	49.7
R3.004	70.6	72.0	66.6	67.9	66.6	68.2	65.2	65.8	65.2	66.1	70.8	72.2	67.1	68.9	67.1	69.2	70.8	72.4	70.8	72.7
R3.005	68.5	68.1	47.1	47.7	47.1	47.9	47.1	47.7	47.1	47.9	69.9	69.5	49.9	50.5	49.9	50.8	49.9	50.5	49.9	50.8
R3.006	39.6	37.6	45.8	47.5	45.8	47.8	45.8	47.4	45.8	47.7	41.8	39.7	46.8	48.5	46.8	48.8	46.8	48.3	46.8	48.7
R3.007	57.6	56.9	56.3	59.9	56.3	60.2	56.3	58.9	56.3	59.2	60.4	59.7	58.2	62.0	58.2	62.3	58.2	61.6	58.2	61.9
R3.008	55.2	52.8	54.8	55.0	54.8	55.3	54.8	54.9	54.8	55.3	58.1	56.2	58.1	58.8	58.1	59.2	58.1	58.8	58.1	59.2
R3.009	43.5	41.6	43.5	44.4	43.5	44.6	43.5	44.3	43.5	44.6	45.3	43.3	45.3	46.2	45.3	46.4	45.3	46.0	45.3	46.4
R3.010	61.4	60.6	61.1	60.9	61.1	61.3	61.1	60.9	61.1	61.3	62.7	61.8	62.7	63.3	62.7	63.6	62.7	63.3	62.7	63.6
R3.011	52.0	49.2	52.0	53.3	51.4	50.6	51.4	50.2	51.4	50.6	53.7	50.8	53.7	54.6	53.0	52.1	53.0	51.6	53.0	52.1
R3.012	56.7	53.9	40.4	41.6	56.7	56.5	40.4	41.6	56.7	56.5	57.0	54.1	43.7	44.8	57.0	56.7	43.7	44.8	57.0	56.7
R3.013	56.7	53.9	39.9	41.0	56.7	56.5	39.9	41.0	56.7	56.5	55.4	52.6	43.0	44.0	55.4	55.2	43.0	44.0	55.4	55.2
R3.014	56.7	53.9	43.1	44.7	56.7	56.5	43.1	44.7	56.7	56.5	57.0	54.1	44.8	46.3	57.0	56.7	44.8	46.3	57.0	56.7
R3.015	50.8	48.1	52.8	55.0	56.0	56.0	52.8	55.0	56.0	56.0	51.3	48.6	53.4	55.5	56.3	56.3	53.4	55.5	56.3	56.3

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Receptor ID	Predicted Noise Levels at the Least Beneficial Façade (L _{A10,18h}) (dB)																			
	Ground Floor										First Floor									
	Unmitigated					Mitigated					Unmitigated					Mitigated				
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	
R3.016	52.7	49.7	54.0	56.9	53.8	53.8	54.0	56.9	53.8	53.8	50.1	47.2	54.4	57.3	54.2	54.3	54.4	57.3	54.2	54.3
R3.017	41.6	39.6	41.6	42.7	47.0	47.6	41.6	42.7	47.0	47.6	47.8	45.5	43.8	44.8	47.8	48.2	43.8	44.8	47.8	48.2
R3.018	40.1	37.2	53.0	55.3	51.9	52.1	53.0	55.3	51.9	52.1	43.3	40.3	53.3	55.6	51.8	52.0	53.3	55.6	51.8	52.0
R3.019	56.6	53.6	56.6	57.4	56.6	56.4	56.6	57.4	56.6	56.4	56.9	53.9	56.9	57.7	56.9	56.7	56.9	57.7	56.9	56.7
R3.020	56.7	53.9	39.8	41.0	42.1	42.0	39.8	41.0	42.1	42.0	55.9	53.1	42.8	43.9	44.0	43.9	42.8	43.9	44.0	43.9
R3.021	56.7	53.8	39.9	41.2	51.6	51.6	39.9	41.2	51.6	51.6	57.0	54.1	42.8	44.1	52.1	52.0	42.8	44.1	52.1	52.0
R3.022	56.7	53.8	40.2	41.5	56.7	56.5	40.2	41.5	56.7	56.5	57.0	54.1	43.0	44.2	57.0	56.7	43.0	44.2	57.0	56.7
R3.023	56.7	53.8	40.6	42.1	51.3	51.4	40.6	42.1	51.3	51.4	57.0	54.1	43.3	44.7	51.8	51.8	43.3	44.7	51.8	51.8
R3.024	56.6	53.7	42.6	44.3	56.6	56.4	42.6	44.3	56.6	56.4	55.6	52.8	44.5	46.0	56.9	56.7	44.5	46.0	56.9	56.7
R3.025	56.6	53.7	49.0	51.7	54.1	54.1	49.0	51.7	54.1	54.1	56.9	54.0	49.6	52.2	54.5	54.4	49.6	52.2	54.5	54.4
R3.026	70.6	70.8	59.3	60.3	70.6	71.2	70.6	70.9	70.6	71.2	70.6	70.8	61.1	62.0	70.6	71.2	70.5	70.9	70.6	71.2
R3.027	59.0	59.2	64.9	65.9	59.0	59.5	59.0	59.2	59.0	59.5	61.4	61.5	66.1	67.1	60.7	61.2	61.4	61.5	60.7	61.2
R3.028	65.8	66.0	64.8	65.8	65.8	66.4	65.8	66.2	65.8	66.4	67.5	67.7	65.9	66.9	67.5	68.1	67.5	67.9	67.5	68.1
R3.029	60.9	61.3	68.6	70.1	60.9	61.5	60.9	61.1	60.9	61.5	63.3	63.6	71.1	72.5	63.3	63.9	63.3	63.5	63.3	63.9
R3.030	49.9	48.6	57.7	59.3	49.9	49.6	49.9	49.1	49.9	49.6	51.6	50.4	58.8	60.4	51.6	51.3	51.6	50.8	51.6	51.3
R3.031	59.9	59.6	47.2	48.2	57.8	58.0	57.8	57.8	57.8	58.0	61.2	60.7	50.3	51.3	61.2	61.2	61.2	61.0	61.2	61.2

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Receptor ID	Predicted Noise Levels at the Least Beneficial Façade ($L_{A10,18h}$) (dB)																			
	Ground Floor										First Floor									
	Unmitigated					Mitigated					Unmitigated					Mitigated				
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	
R3.032	60.0	59.7	46.8	47.8	60.0	60.2	60.0	60.0	60.0	60.2	60.8	60.4	49.8	50.8	60.8	60.9	60.8	60.7	60.8	60.9
R3.033	57.8	57.6	46.3	47.3	57.8	58.0	57.8	57.8	57.8	58.0	58.9	58.4	48.3	49.4	58.9	58.9	58.9	58.7	58.9	58.9
R3.034	65.1	64.8	45.0	46.0	65.1	65.3	65.1	65.1	65.1	65.3	66.3	65.7	48.1	49.1	66.3	66.3	64.5	64.3	66.3	66.3
R3.035	47.3	46.5	48.4	49.6	47.3	47.7	47.3	47.6	47.3	47.7	48.4	47.5	48.4	49.6	48.4	48.7	48.4	48.6	48.4	48.7
R3.036	57.5	57.5	58.7	59.9	57.5	58.6	57.5	58.6	57.5	58.6	60.5	60.5	56.9	58.1	60.5	61.6	60.5	61.6	60.5	61.6
R3.037	56.6	55.3	62.4	63.4	62.5	61.3	62.4	60.9	62.5	61.3	57.8	56.4	62.4	63.5	63.7	62.5	63.7	62.2	63.7	62.5
R3.038	49.7	49.0	57.8	58.8	49.7	49.9	49.7	49.7	49.7	49.9	51.5	50.4	59.2	60.2	51.5	51.4	51.5	51.2	51.5	51.4
R3.039	50.8	50.0	61.6	62.6	50.8	50.6	50.8	50.3	50.8	50.6	52.6	51.5	64.0	65.0	52.6	52.2	52.6	51.9	52.6	52.2
R3.040	54.3	53.7	62.6	63.5	54.3	54.4	54.3	54.1	54.3	54.4	59.6	58.8	64.0	64.9	55.6	55.6	55.6	55.3	55.6	55.6
R3.041	47.5	45.2	64.2	65.5	47.5	46.4	47.5	46.0	47.5	46.4	51.6	49.3	68.3	69.6	51.1	50.0	51.6	50.1	51.1	50.0
R3.042	59.5	57.2	70.4	71.7	59.5	58.3	59.5	58.0	59.5	58.3	59.7	57.4	63.1	64.5	59.7	58.6	59.7	58.2	59.7	58.6
R3.043	66.5	65.1	66.5	69.0	66.5	66.1	66.5	65.7	66.5	66.1	68.6	66.9	69.8	72.1	68.6	68.0	69.8	68.8	68.6	68.0
R3.044	64.8	62.0	65.7	67.6	46.7	45.8	46.7	45.4	46.7	45.8	56.1	53.3	65.9	67.8	49.9	49.0	49.9	48.6	49.9	49.0
R3.045	50.3	48.9	54.9	56.3	50.3	49.9	50.3	49.7	50.3	49.9	51.4	49.9	55.9	57.3	51.4	50.9	51.4	50.6	51.4	50.9
R3.046	54.8	53.5	67.6	68.9	54.8	54.5	54.8	54.3	54.8	54.5	58.7	56.8	66.8	68.1	58.7	57.9	58.7	57.6	58.7	57.9
R3.047	60.5	57.6	67.8	64.6	67.8	64.9	67.8	64.5	67.8	64.9	62.2	59.3	69.2	66.5	69.2	66.8	69.2	66.4	69.2	66.8

A9 Dualling Programme: Tay Crossing to Ballinluig
DMRB Stage 3 Environmental Statement
Appendix A17.3: Predicted Noise Levels at Noise Sensitive Receptors



Receptor ID	Predicted Noise Levels at the Least Beneficial Façade (L _{A10,18h}) (dB)																			
	Ground Floor										First Floor									
	Unmitigated					Mitigated					Unmitigated					Mitigated				
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	
R3.048	62.4	59.5	61.3	58.0	61.3	57.9	61.3	57.5	61.3	57.9	66.9	64.0	62.8	60.5	71.7	69.5	71.7	69.1	71.7	69.5
R3.049	56.3	53.5	44.4	45.6	44.4	45.9	44.4	45.5	44.4	45.9	56.8	54.0	47.0	48.1	47.0	48.4	46.6	47.7	47.0	48.4
R3.050	46.7	44.6	46.7	48.0	38.6	38.6	38.6	38.2	38.6	38.6	47.2	45.0	47.2	48.5	40.4	40.3	40.4	40.0	40.4	40.3
R3.051	44.9	43.1	60.6	60.6	60.6	60.9	60.6	60.6	60.6	60.9	47.8	46.0	61.4	61.4	61.4	61.7	61.4	61.4	61.4	61.7
R3.052	44.8	43.2	60.9	60.8	60.9	61.1	60.9	60.8	60.9	61.1	47.4	45.7	61.7	61.7	61.7	62.0	61.7	61.7	61.7	62.0
R3.053	54.1	53.5	61.6	61.7	61.4	61.9	61.6	61.7	61.4	61.9	55.2	54.5	62.4	62.5	62.4	62.8	62.4	62.5	62.4	62.8
R3.054	49.7	48.0	48.0	49.8	48.0	50.1	48.0	49.6	48.0	50.0	51.1	49.5	49.6	51.3	49.6	51.6	49.6	51.1	49.6	51.5
R3.055	48.6	47.2	49.9	51.1	49.9	51.4	49.9	51.0	49.9	51.3	50.2	48.8	51.3	52.8	51.3	53.1	51.3	52.6	51.3	52.9
R3.056	50.2	48.9	46.7	49.7	46.7	50.0	46.7	49.6	46.7	49.9	51.5	50.2	48.1	50.9	48.1	51.2	48.1	50.8	48.1	51.1
R3.057	53.9	54.4	43.1	44.3	43.1	44.6	43.1	44.3	43.1	44.6	55.0	55.4	44.8	45.9	44.8	46.3	44.8	45.9	44.8	46.3
R3.058	50.6	51.3	52.9	54.6	52.9	54.9	46.4	47.9	46.4	48.2	52.2	52.9	49.4	51.3	49.4	51.6	50.6	52.1	50.6	52.4
R3.059	65.4	65.9	46.8	47.8	46.8	48.1	46.3	47.4	46.3	47.7	49.4	50.0	49.4	50.5	49.4	50.8	49.4	50.5	49.4	50.8
R3.060	60.9	62.4	47.0	48.4	47.0	48.8	47.0	48.5	47.0	48.8	63.0	64.5	50.4	51.7	50.4	52.0	50.4	51.8	50.4	52.1
R3.061	51.0	48.9	54.4	56.4	51.0	51.5	54.4	56.4	51.0	51.5	52.2	49.9	57.2	59.2	52.2	52.5	57.2	59.2	52.2	52.5
R3.062	53.5	52.7	53.5	56.0	53.5	56.3	53.5	55.6	53.5	55.9	56.4	55.6	56.4	59.7	56.4	60.0	56.4	59.6	56.4	59.9
R3.063	52.1	50.0	52.1	54.2	52.1	54.6	52.1	53.7	52.1	54.0	52.9	50.8	52.9	55.0	52.9	55.4	52.9	54.5	52.9	54.8

Receptor ID	Predicted Noise Levels at the Least Beneficial Façade (L _{A10,18h}) (dB)																			
	Ground Floor										First Floor									
	Unmitigated					Mitigated					Unmitigated					Mitigated				
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	
R3.064	48.7	47.1	52.3	54.3	52.3	54.6	48.7	50.6	48.7	50.9	50.0	48.4	53.1	55.2	53.1	55.5	50.0	51.9	50.0	52.2
R3.065	58.4	56.8	56.1	58.4	56.1	58.7	56.1	57.5	56.1	57.8	56.3	54.9	57.0	59.3	57.0	59.6	57.0	58.6	57.0	59.0
R3.066	42.8	41.5	51.3	53.3	51.3	53.6	51.3	53.1	51.3	53.5	44.8	43.3	52.2	54.1	52.2	54.4	52.2	53.9	51.5	53.6
R3.067	51.1	49.4	55.2	55.9	55.2	56.2	55.2	55.6	55.2	56.0	52.7	50.9	52.7	53.5	52.7	53.9	52.7	53.1	52.7	53.5
R3.068	46.9	44.7	47.4	49.1	47.4	49.4	46.9	48.3	47.4	49.1	48.4	46.3	48.4	50.1	48.4	50.4	48.4	49.8	48.4	50.1
R3.069	47.4	48.0	39.6	41.2	39.6	41.5	39.6	41.2	39.6	41.5	49.3	49.9	48.1	49.6	48.1	49.9	42.1	43.6	42.1	43.9
R3.070	47.1	46.7	36.0	37.2	36.0	37.5	36.0	37.2	36.0	37.5	48.6	48.4	38.8	40.0	38.8	40.3	38.8	40.0	38.8	40.3
R3.071	45.3	45.5	44.9	46.3	44.9	46.6	44.9	46.3	44.9	46.6	49.1	49.5	46.8	48.1	46.8	48.4	46.8	48.1	46.8	48.4
R3.072	45.3	45.5	44.9	46.3	44.9	46.6	44.9	46.3	44.9	46.6	49.1	49.5	46.8	48.1	46.8	48.4	46.8	48.1	46.8	48.4
R3.073	55.9	55.5	37.4	38.7	37.4	39.0	37.4	38.7	37.4	39.0	57.4	56.9	40.5	41.8	40.5	42.1	40.5	41.8	40.5	42.1
R3.074	40.3	39.7	38.1	39.5	38.1	39.8	38.1	39.5	38.1	39.8	42.7	42.1	42.4	43.7	42.4	44.0	42.4	43.7	42.4	44.0
R3.075	65.9	67.0	60.1	61.5	60.1	61.8	59.2	59.8	59.2	60.1	66.4	67.6	64.3	66.0	64.3	66.3	64.3	65.3	64.3	65.6
R3.076	65.5	66.7	58.6	60.1	58.6	60.4	57.3	58.6	57.3	59.0	69.6	70.6	61.0	62.8	61.0	63.2	61.0	62.8	61.0	63.2
R3.077	53.7	54.8	56.8	58.5	56.8	58.8	48.2	49.5	48.2	49.9	55.0	56.1	55.0	56.8	55.0	57.2	50.7	52.1	50.7	52.4
R3.078	51.9	52.7	45.3	47.0	45.3	47.3	45.3	47.0	45.3	47.3	52.9	53.6	47.3	49.0	47.3	49.3	47.3	49.0	47.3	49.3
R3.079	52.6	53.2	48.1	49.6	41.7	43.6	41.7	43.2	48.1	49.9	53.6	54.2	52.9	54.5	52.9	54.8	51.2	52.7	51.2	53.0

A9 Dualling Programme: Tay Crossing to Ballinluig
DMRB Stage 3 Environmental Statement
Appendix A17.3: Predicted Noise Levels at Noise Sensitive Receptors



Receptor ID	Predicted Noise Levels at the Least Beneficial Façade (L _{A10,18h}) (dB)																			
	Ground Floor										First Floor									
	Unmitigated					Mitigated					Unmitigated					Mitigated				
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	
R3.080	47.6	46.1	49.5	51.5	49.5	51.8	49.5	51.5	49.5	51.8	49.3	47.5	50.5	52.5	50.5	52.8	50.5	52.5	50.5	52.8
R3.081	60.1	61.9	63.2	65.6	63.2	65.9	47.1	48.8	47.1	49.1	61.5	63.3	65.4	67.5	65.4	67.8	49.6	51.5	49.6	51.8
R3.082	55.0	56.0	49.6	51.7	49.6	52.1	43.3	44.5	43.3	44.8	57.7	58.6	51.5	53.6	51.5	54.0	46.3	47.5	46.3	47.8
R3.083	56.8	57.6	55.3	57.0	55.3	57.3	42.2	43.7	42.2	44.0	57.0	57.9	56.6	59.7	56.6	60.0	44.8	46.3	44.9	46.7
R3.084	52.6	53.7	52.6	55.0	52.6	55.3	52.6	54.1	52.6	54.4	54.6	55.7	54.6	57.3	54.6	57.6	46.1	47.5	46.1	47.8
R3.085	44.3	43.1	44.3	45.1	44.3	45.4	44.3	45.0	44.3	45.4	45.9	44.7	45.9	46.3	45.9	46.7	45.9	46.4	45.9	46.7
R3.086	52.2	50.0	56.0	56.9	56.0	57.3	56.0	56.9	56.0	57.3	54.4	52.0	59.0	60.3	59.0	60.6	59.0	60.3	59.0	60.6
R3.087	67.5	64.5	58.9	59.4	58.9	59.8	58.9	59.4	58.9	59.8	60.7	57.8	60.7	61.0	60.7	61.4	60.7	61.0	60.7	61.4
R3.088	47.2	44.3	66.8	67.1	66.8	67.5	66.8	67.1	66.8	67.5	50.1	47.2	63.5	63.7	63.5	64.1	63.5	63.7	63.5	64.1
R3.089	62.0	59.0	55.6	56.6	55.6	56.9	55.6	56.6	55.6	56.9	62.2	59.2	57.6	58.4	57.6	58.8	57.6	58.4	57.6	58.8
R3.090	45.9	43.0	52.5	53.0	52.5	53.4	52.5	53.0	52.5	53.4	49.0	46.1	64.2	64.4	64.2	64.8	64.2	64.4	64.2	64.8
R3.091	65.1	62.1	58.5	59.1	58.5	59.5	58.5	59.1	58.5	59.5	66.6	63.6	60.0	60.4	60.0	60.7	60.0	60.4	60.0	60.7
R3.092	46.0	43.1	59.1	59.2	59.1	59.6	59.1	59.2	59.1	59.6	48.5	45.6	60.5	60.5	60.5	60.9	60.5	60.5	60.5	60.9
R3.093	46.1	43.2	59.9	59.8	59.9	60.2	59.9	59.8	59.9	60.2	48.3	45.4	61.3	61.2	61.3	61.5	61.3	61.2	61.3	61.5
R3.094	47.3	44.4	57.0	56.9	57.1	57.3	57.0	56.9	57.1	57.3	47.4	44.6	58.1	58.2	58.1	58.5	58.1	58.2	58.1	58.5
R3.095	47.6	44.7	47.6	47.2	50.5	50.4	47.6	47.2	50.5	50.4	47.2	44.4	59.9	59.6	59.9	60.0	59.9	59.6	59.9	60.0

A9 Dualling Programme: Tay Crossing to Ballinluig
DMRB Stage 3 Environmental Statement
Appendix A17.3: Predicted Noise Levels at Noise Sensitive Receptors



Receptor ID	Predicted Noise Levels at the Least Beneficial Façade (L _{A10,18h}) (dB)																			
	Ground Floor										First Floor									
	Unmitigated						Mitigated				Unmitigated						Mitigated			
	Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Long-term Assessment without proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme		Short-term Assessment with proposed Scheme		Long-term Assessment with proposed Scheme	
	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF	DMB	DMF	DMB	DSB	DMB	DSF	DMB	DSB	DMB	DSF
R3.096	42.0	39.4	53.0	53.6	53.0	54.0	53.0	53.6	53.0	54.0	44.4	41.7	54.0	54.3	54.0	54.7	54.0	54.3	54.0	54.7
R3.097	67.3	64.3	64.5	65.0	64.5	65.4	64.5	65.0	64.5	65.4	54.1	51.2	65.6	65.9	65.6	66.2	65.6	65.9	65.6	66.2
R3.098	45.9	43.0	59.2	59.6	59.2	60.0	59.2	59.6	59.2	60.0	49.0	46.1	60.7	60.9	60.7	61.2	60.7	60.9	60.7	61.2
R3.099	45.8	42.9	62.1	62.0	62.1	62.3	62.1	62.0	62.1	62.3	48.2	45.3	63.5	63.2	63.5	63.5	63.5	63.2	63.5	63.5
R3.100	43.9	41.3	43.9	43.9	43.9	44.2	43.9	43.9	43.9	44.2	46.1	43.5	47.2	47.0	46.1	46.3	47.2	47.0	46.1	46.3
R3.101	61.6	59.6	61.6	62.3	61.6	62.7	61.6	62.3	61.6	62.7	62.9	60.7	62.9	63.4	62.9	63.8	62.9	63.4	62.9	63.8
R3.102	44.7	42.2	45.1	45.1	45.1	45.5	45.1	45.1	45.1	45.5	48.3	45.7	48.0	48.0	48.3	48.6	48.0	48.0	48.3	48.6
R3.103	44.1	41.6	43.0	42.9	43.0	43.3	43.0	42.9	43.0	43.3	46.2	43.6	45.4	45.1	45.4	45.5	45.4	45.1	45.4	45.5
R3.104	38.8	36.7	38.8	39.1	38.8	39.5	38.8	39.1	38.8	39.5	40.4	38.2	40.4	40.6	40.4	40.9	40.4	40.6	40.4	40.9
R3.105	44.4	42.6	44.9	46.5	44.9	46.8	44.9	46.5	44.9	46.8	46.0	44.1	46.6	48.1	46.6	48.4	46.6	48.1	46.6	48.4
R3.106	47.9	46.8	47.9	48.6	47.9	48.9	47.9	48.6	47.9	48.9	48.9	47.9	48.9	49.8	48.9	50.1	48.9	49.8	48.9	50.1
R3.107	45.8	45.9	44.1	44.8	44.1	45.1	44.1	44.8	44.1	45.1	46.8	46.8	45.2	45.9	45.2	46.2	45.2	45.9	45.2	46.2