

**A66 Northern Trans-Pennine Project
TR010062**

**3.4 Environmental Statement
Appendix 12.6 Noise and Vibration
Results at Ecology Receptors**

APFP Regulations 5(2)(a)

Planning Act 2008

**Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009**

Volume 3

June 2022

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed
Forms and Procedure)
Regulations 2009**

A66 Northern Trans-Pennine Project
Development Consent Order 202x

**3.4 ENVIRONMENTAL STATEMENT APPENDIX 12.6
NOISE AND VIBRATION RESULTS AT ECOLOGY
RECEPTORS**

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010062
Application Document Reference	3.4
Author:	A66 Northern Trans-Pennine Project Team, National Highways

Version	Date	Status of Version
Rev 1	13/06/22	DCO Application

CONTENTS

12.6	Noise and Vibration Results at Ecology Receptors.....	1
-------------	--	----------

12.6 Noise and Vibration Results at Ecology Receptors

- 12.6.1.1 Predicted construction noise levels are provided in this appendix for each construction activity. All ecological receptors are shown in Table 1: Predicted construction noise levels - compounds to Table 3: Predicted construction noise levels - structures and demolition below. The predicted noise levels shown are worst-case based on all plant working and represent the highest noise level from construction activities for each activity.
- 12.6.1.2 Calculations of construction noise are undertaken at 1.5m above local ground level and are shown as free-field $L_{Aeq16hr}$ noise levels. Where there is a N/A (not applicable) result in the table, the distance between receptor and noise source is larger than 300 metres and therefore construction noise is unlikely to affect the baseline noise levels. Where receptors are located within the engineering earthworks, a minimum distance of 1 metre was considered to estimate construction noise.
- 12.6.1.3 Predicted construction vibration levels are provided in this appendix for ecological receptors close to sensitive watercourses. Relevant ecological receptors are shown in Table 4: Predicted construction vibration levels.
- 12.6.1.4 Table 5: PPV values band table (construction) shows the peak particle velocity (PPV) bands for vibratory construction equipment at different distances. Where there is a N/A (not applicable) result in the table, the distance between receptor and vibration source is unlikely to result in significant vibration levels. The predicted vibration levels are worst-case based on the shortest distance between source and ecological receptor.
- 12.6.1.5 Table 6: Summary of operational traffic noise levels at ecological receptors shows the operational traffic noise results for all ecological receptors for the Do-Minimum Opening Year 2029, Do-Minimum Future Year 2044, Do-Something Opening Year 2029 and Do-Something Future Year 2044. The tables also present the resulting noise change in the short-term (by comparing Do-Minimum Opening Year against Do-Something Opening Year) and in the long-term (by comparing Do-Minimum Opening Year against Do-Something Future Year).
- 12.6.1.6 The location of ecologic receptors is presented in Figure 12.8: Noise and Vibration Assessment - Location of Ecology Receptors (Application Document 3.3).
- 12.6.1.7 The predicted operational noise levels are presented in Figure 12.2: Opening Year Do-Minimum Noise Level, Figure 12.3: Opening Year Do-Something Noise Level, Figure 12.4: Opening Year Alignment Noise Difference, Figure 12.5: Future Year Do-Minimum Noise Level, Figure 12.6: Future Year Do-Something Noise Level and Figure 12.7: Future Year Alignment Noise Difference, all part of Application Document 3.3.

Table 1: Predicted construction noise levels - compounds

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Compound															
		Site clearance and trees		Boundary fence		Topsoil strip		Excavation		Drainage		Subbase		Pavement / surfacing		Compound site	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC1	48.5	47.8	-0.7	37.3	-11.2	44.3	-4.2	43.4	-5.1	42.5	-6.0	43.4	-5.1	43.0	-5.5	41.3	-7.2
EC2	50.7	50.9	0.2	39.7	-11.0	46.6	-4.1	45.7	-5.0	44.8	-5.9	45.7	-5.0	45.3	-5.4	43.4	-7.3
EC3	54.9	62.8	7.9	50.5	-4.4	57.1	2.2	56.2	1.3	55.3	0.4	56.2	1.3	55.8	0.9	54.9	0.0
EC4	53.7	56.0	2.3	39.9	-13.8	44.9	-8.8	44.0	-9.7	43.1	-10.6	44.0	-9.7	43.6	-10.1	42.9	-10.8
EC5	53.1	68.6	15.5	53.5	0.4	59.1	6.0	58.3	5.2	57.3	4.2	58.2	5.1	57.8	4.7	56.6	3.5
EC6	60.6	55.7	-4.9	41.0	-19.6	46.8	-13.8	46.0	-14.6	45.1	-15.5	46.0	-14.6	45.5	-15.1	45.2	-15.4
EC7	68.1	44.1	-24.0	33.8	-34.3	40.8	-27.3	40.0	-28.1	39.0	-29.1	39.9	-28.2	39.5	-28.6	38.0	-30.1
EC8	64.5	67.5	3.0	56.8	-7.7	63.7	-0.8	62.9	-1.6	62.0	-2.5	62.9	-1.6	62.5	-2.0	65.2	0.7
EC9	56.5	64.4	7.9	53.3	-3.2	60.1	3.6	59.3	2.8	58.4	1.9	59.3	2.8	58.8	2.3	59.4	2.9
EC10	46.5	57.3	10.8	40.0	-6.5	43.6	-2.9	42.7	-3.8	41.8	-4.7	42.7	-3.8	42.3	-4.2	44.2	-2.3
EC11	55.9	52.0	-3.9	41.5	-14.4	48.4	-7.5	47.6	-8.3	46.7	-9.2	47.6	-8.3	47.1	-8.8	45.2	-10.7
EC12	69.5	55.0	-14.5	44.7	-24.8	51.7	-17.8	50.9	-18.6	49.9	-19.6	50.8	-18.7	50.4	-19.1	48.4	-21.1
EC13	48.4	74.2	25.8	62.9	14.5	69.6	21.2	68.8	20.4	67.9	19.5	68.8	20.4	68.4	20.0	66.4	18.0
EC14	50.5	51.8	1.3	41.8	-8.7	48.8	-1.7	48.0	-2.5	47.1	-3.4	48.0	-2.5	47.6	-2.9	45.6	-4.9
EC15	46.7	48.6	1.9	36.3	-10.4	42.9	-3.8	42.0	-4.7	41.1	-5.6	42.0	-4.7	41.6	-5.1	38.8	-7.9
EC16	63.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC17	52.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC18	50.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC19	69.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC20	63.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC21	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC22	52.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC23	52.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC24	59.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC25	55.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC26	59.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC27	43.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC28	54.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC29	58.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC30	57.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC31	60.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC32	44.6	50.6	6.0	37.7	-6.9	44.1	-0.5	43.3	-1.3	42.4	-2.2	43.3	-1.3	36.5	-8.1	34.5	-10.1
EC33	55.8	40.5	-15.3	33.5	-22.3	40.8	-15.0	39.9	-15.9	39.0	-16.8	39.9	-15.9	39.5	-16.3	37.5	-18.3
EC34	54.3	52.1	-2.2	39.4	-14.9	45.9	-8.4	45.1	-9.2	44.2	-10.1	45.1	-9.2	44.6	-9.7	42.6	-11.7

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Compound															
		Site clearance and trees		Boundary fence		Topsoil strip		Excavation		Drainage		Subbase		Pavement / surfacing		Compound site	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC35	45.1	45.0	-0.1	30.6	-14.5	36.5	-8.6	35.6	-9.5	34.7	-10.4	35.6	-9.5	35.2	-9.9	33.2	-11.9
EC36	50.8	51.7	0.9	40.7	-10.1	47.5	-3.3	46.7	-4.1	45.8	-5.0	46.7	-4.1	46.2	-4.6	45.4	-5.4
EC37	65.3	51.0	-14.3	38.8	-26.5	45.4	-19.9	44.5	-20.8	43.6	-21.7	44.5	-20.8	44.1	-21.2	41.6	-23.7
EC38	48.3	64.0	15.7	51.1	2.8	57.5	9.2	56.7	8.4	55.7	7.4	56.6	8.3	56.3	8.0	54.3	6.0
EC39	46.1	67.6	21.5	56.6	10.5	63.5	17.4	62.6	16.5	61.7	15.6	62.6	16.5	62.2	16.1	60.2	14.1
EC40	41.6	62.2	20.6	51.5	9.9	58.4	16.8	57.6	16.0	56.7	15.1	57.6	16.0	57.1	15.5	55.2	13.6
EC41	42.7	61.5	18.8	50.5	7.8	57.4	14.7	56.6	13.9	55.7	13.0	56.6	13.9	56.1	13.4	54.2	11.5
EC42	42.1	62.2	20.1	51.6	9.5	58.5	16.4	57.6	15.5	56.7	14.6	57.6	15.5	57.2	15.1	55.2	13.1
EC43	53.4	59.3	5.9	49.3	-4.1	56.3	2.9	55.5	2.1	54.6	1.2	55.5	2.1	55.0	1.6	53.2	-0.2
EC44	57.2	61.3	4.1	51.1	-6.1	58.1	0.9	57.2	0.0	56.3	-0.9	57.2	0.0	56.8	-0.4	55.0	-2.2
EC45	51.4	57.8	6.4	47.7	-3.7	54.7	3.3	53.9	2.5	53.0	1.6	53.9	2.5	53.4	2.0	51.6	0.2
EC46	52.7	60.4	7.7	49.4	-3.3	56.2	3.5	55.4	2.7	54.5	1.8	55.4	2.7	55.0	2.3	53.8	1.1
EC47	47.7	66.2	18.5	46.9	-0.8	41.9	-5.8	41.1	-6.6	40.2	-7.5	41.1	-6.6	40.6	-7.1	48.2	0.5
EC48	48.2	51.1	2.9	37.7	-10.5	44.0	-4.2	43.2	-5.0	42.3	-5.9	43.2	-5.0	42.7	-5.5	42.2	-6.0
EC49	46.9	42.6	-4.3	35.6	-11.3	42.8	-4.1	42.0	-4.9	41.1	-5.8	42.0	-4.9	41.5	-5.4	39.6	-7.3
EC50	48.0	43.4	-4.6	36.4	-11.6	43.7	-4.3	42.9	-5.1	42.0	-6.0	42.8	-5.2	42.4	-5.6	40.4	-7.6
EC51	50.2	40.3	-9.9	33.3	-16.9	40.5	-9.7	39.7	-10.5	38.8	-11.4	39.7	-10.5	39.2	-11.0	37.3	-12.9
EC52	58.7	78.2	19.5	68.4	9.7	75.4	16.7	74.6	15.9	73.7	15.0	74.6	15.9	74.1	15.4	72.3	13.6
EC53	55.4	58.9	3.5	47.1	-8.3	53.9	-1.5	53.0	-2.4	52.1	-3.3	53.0	-2.4	52.6	-2.8	51.6	-3.8
EC54	54.6	55.2	0.6	44.0	-10.6	50.8	-3.8	50.0	-4.6	49.1	-5.5	50.0	-4.6	49.5	-5.1	48.2	-6.4
EC55	49.9	53.3	3.4	39.7	-10.2	45.9	-4.0	45.1	-4.8	44.2	-5.7	45.1	-4.8	44.6	-5.3	43.4	-6.5
EC56	52.1	55.1	3.0	41.7	-10.4	48.0	-4.1	47.2	-4.9	46.3	-5.8	47.2	-4.9	46.7	-5.4	45.6	-6.5
EC57	51.3	54.3	3.0	40.3	-11.0	46.4	-4.9	45.6	-5.7	44.6	-6.7	45.5	-5.8	45.1	-6.2	43.7	-7.6
EC58	52.2	55.6	3.4	40.0	-12.2	45.2	-7.0	44.4	-7.8	43.5	-8.7	44.4	-7.8	43.9	-8.3	43.2	-9.0
EC59	50.3	75.1	24.8	61.5	11.2	67.7	17.4	66.9	16.6	66.0	15.7	66.9	16.6	66.5	16.2	64.5	14.2
EC60	51.7	71.1	19.4	60.6	8.9	67.5	15.8	66.7	15.0	65.7	14.0	66.6	14.9	66.3	14.6	64.3	12.6
EC61	45.1	56.6	11.5	41.9	-3.2	47.6	2.5	46.8	1.7	45.9	0.8	46.8	1.7	46.3	1.2	44.8	-0.3
EC62	60.4	59.9	-0.5	43.5	-16.9	48.0	-12.4	47.2	-13.2	46.3	-14.1	47.2	-13.2	46.7	-13.7	47.6	-12.8
EC63	55.9	55.9	0.0	40.3	-15.6	45.5	-10.4	44.7	-11.2	43.7	-12.2	44.6	-11.3	44.2	-11.7	44.4	-11.5
EC64	62.2	57.5	-4.7	41.7	-20.5	46.8	-15.4	46.0	-16.2	45.1	-17.1	46.0	-16.2	45.5	-16.7	46.0	-16.2
EC65	62.4	56.2	-6.2	40.5	-21.9	45.7	-16.7	44.8	-17.6	43.9	-18.5	44.8	-17.6	44.4	-18.0	44.8	-17.6
EC66	67.5	74.2	6.7	61.4	-6.1	67.8	0.3	67.0	-0.5	66.1	-1.4	67.0	-0.5	66.6	-0.9	64.6	-2.9
EC67	65.0	61.1	-3.9	42.8	-22.2	44.2	-20.8	43.4	-21.6	42.5	-22.5	43.4	-21.6	42.9	-22.1	48.2	-16.8
EC68	48.7	70.4	21.7	56.6	7.9	62.7	14.0	61.9	13.2	61.0	12.3	61.9	13.2	61.5	12.8	59.6	10.9
EC69	66.8	63.2	-3.6	50.5	-16.3	57.0	-9.8	56.1	-10.7	55.2	-11.6	56.1	-10.7	55.7	-11.1	53.9	-12.9

Receptor Identifier	LOAEL / Existing noise level (dB L _{Aeq})	Compound															
		Site clearance and trees		Boundary fence		Topsoil strip		Excavation		Drainage		Subbase		Pavement / surfacing		Compound site	
		Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)
EC70	67.6	65.6	-2.0	52.9	-14.7	59.4	-8.2	58.5	-9.1	57.6	-10.0	58.5	-9.1	58.1	-9.5	56.2	-11.4
EC71	44.9	62.2	17.3	49.5	4.6	56.0	11.1	55.1	10.2	54.2	9.3	55.1	10.2	54.7	9.8	52.8	7.9
EC72	68.2	72.8	4.6	59.2	-9.0	65.4	-2.8	64.5	-3.7	63.6	-4.6	64.5	-3.7	64.1	-4.1	62.1	-6.1
EC73	69.5	66.4	-3.1	53.8	-15.7	60.3	-9.2	59.5	-10.0	58.6	-10.9	59.5	-10.0	59.0	-10.5	57.1	-12.4
EC74	50.9	59.8	8.9	45.6	-5.3	51.6	0.7	50.7	-0.2	49.8	-1.1	50.7	-0.2	50.3	-0.6	48.7	-2.2
EC75	50.5	59.2	8.7	47.6	-2.9	54.3	3.8	53.5	3.0	52.6	2.1	53.5	3.0	53.0	2.5	52.0	1.5
EC76	44.8	51.2	6.4	39.0	-5.8	45.6	0.8	44.7	-0.1	43.8	-1.0	44.7	-0.1	44.3	-0.5	43.3	-1.5
EC77	47.3	55.0	7.7	43.6	-3.7	50.4	3.1	49.5	2.2	48.6	1.3	49.5	2.2	49.1	1.8	47.9	0.6
EC78	47.7	55.7	8.0	44.1	-3.6	50.9	3.2	50.1	2.4	49.1	1.4	50.0	2.3	49.6	1.9	47.7	0.0
EC79	50.2	58.4	8.2	47.2	-3.0	54.0	3.8	53.1	2.9	52.2	2.0	53.1	2.9	52.7	2.5	50.7	0.5
EC80	46.1	39.4	-6.7	32.4	-13.7	39.6	-6.5	38.8	-7.3	37.9	-8.2	38.8	-7.3	38.3	-7.8	36.7	-9.4
EC81	52.6	68.6	16.0	58.2	5.6	65.0	12.4	64.2	11.6	63.3	10.7	64.2	11.6	63.8	11.2	61.8	9.2
EC82	48.6	72.0	23.4	52.6	4.0	43.5	-5.1	42.7	-5.9	41.7	-6.9	42.6	-6.0	42.2	-6.4	48.2	-0.4
EC83	49.7	70.5	20.8	57.8	8.1	64.3	14.6	63.4	13.7	62.5	12.8	63.4	13.7	63.0	13.3	61.2	11.5
EC84	53.8	61.3	7.5	50.0	-3.8	56.8	3.0	56.0	2.2	55.1	1.3	56.0	2.2	55.6	1.8	54.4	0.6
EC85	44.0	51.7	7.7	40.5	-3.5	47.3	3.3	46.5	2.5	45.6	1.6	46.5	2.5	46.0	2.0	44.8	0.8
EC86	47.4	55.6	8.2	43.2	-4.2	49.8	2.4	48.9	1.5	48.0	0.6	48.9	1.5	48.5	1.1	47.1	-0.3
EC87	51.7	40.9	-10.8	33.8	-17.9	41.1	-10.6	40.3	-11.4	39.4	-12.3	40.3	-11.4	39.8	-11.9	37.8	-13.9
EC88	54.3	46.0	-8.3	39.0	-15.3	46.3	-8.0	45.4	-8.9	44.5	-9.8	45.4	-8.9	45.0	-9.3	43.0	-11.3
EC89	50.4	44.4	-6.0	37.4	-13.0	44.6	-5.8	43.8	-6.6	42.9	-7.5	43.8	-6.6	43.3	-7.1	41.4	-9.0
EC90	46.3	58.2	11.9	44.7	-1.6	51.0	4.7	50.2	3.9	49.3	3.0	50.2	3.9	49.7	3.4	48.0	1.7
EC91	44.3	57.6	13.3	46.5	2.2	53.3	9.0	52.5	8.2	51.5	7.2	52.4	8.1	52.0	7.7	50.2	5.9
EC92	43.6	53.2	9.6	42.5	-1.1	49.4	5.8	48.6	5.0	47.7	4.1	48.6	5.0	48.1	4.5	46.2	2.6
EC93	43.6	55.1	11.5	44.2	0.6	51.1	7.5	50.2	6.6	49.3	5.7	50.2	6.6	49.8	6.2	47.9	4.3
EC94	46.5	60.8	14.3	49.6	3.1	56.4	9.9	55.6	9.1	54.7	8.2	55.6	9.1	55.2	8.7	53.2	6.7
EC95	46.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC96	49.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC97	45.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC98	59.3	60.2	0.9	49.4	-9.9	56.2	-3.1	55.4	-3.9	54.5	-4.8	55.4	-3.9	55.0	-4.3	56.4	-2.9
EC99	43.6	63.5	19.9	53.0	9.4	60.0	16.4	59.2	15.6	58.2	14.6	59.1	15.5	58.7	15.1	56.7	13.1
EC100	50.1	40.3	-9.8	33.3	-16.8	40.5	-9.6	39.7	-10.4	38.8	-11.3	39.7	-10.4	39.2	-10.9	37.3	-12.8
EC101	48.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC102	49.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC103	50.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC104	45.1	64.2	19.1	54.1	9.0	61.1	16.0	60.3	15.2	59.4	14.3	60.3	15.2	59.9	14.8	57.9	12.8

Receptor Identifier	LOAEL / Existing noise level (dB L _{Aeq})	Compound															
		Site clearance and trees		Boundary fence		Topsoil strip		Excavation		Drainage		Subbase		Pavement / surfacing		Compound site	
		Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)
EC105	43.3	61.6	18.3	51.6	8.3	58.6	15.3	57.8	14.5	56.9	13.6	57.8	14.5	57.3	14.0	55.3	12.0
EC106	50.5	54.2	3.7	43.4	-7.1	50.3	-0.2	49.5	-1.0	48.6	-1.9	49.5	-1.0	49.0	-1.5	47.1	-3.4
EC107	43.2	52.5	9.3	42.6	-0.6	49.6	6.4	48.8	5.6	47.8	4.6	48.7	5.5	48.3	5.1	N/A	N/A
EC108	45.2	54.6	9.4	45.0	-0.2	52.1	6.9	51.2	6.0	50.3	5.1	51.2	6.0	50.8	5.6	N/A	N/A
EC109	43.7	61.8	18.1	51.8	8.1	58.8	15.1	58.0	14.3	57.1	13.4	58.0	14.3	57.5	13.8	55.6	11.9
EC110	40.0	55.8	15.8	44.7	4.7	51.6	11.6	50.7	10.7	49.8	9.8	50.7	10.7	50.3	10.3	48.3	8.3
EC111	52.4	62.6	10.2	50.4	-2.0	57.0	4.6	56.2	3.8	55.3	2.9	56.2	3.8	55.7	3.3	53.8	1.4
EC112	56.2	62.9	6.7	50.6	-5.6	57.2	1.0	56.4	0.2	55.5	-0.7	56.4	0.2	55.9	-0.3	54.0	-2.2
EC113	54.7	62.6	7.9	50.3	-4.4	56.9	2.2	56.0	1.3	55.1	0.4	56.0	1.3	55.6	0.9	53.6	-1.1
EC114	44.8	46.3	1.5	31.8	-13.0	37.7	-7.1	36.9	-7.9	36.0	-8.8	36.9	-7.9	36.5	-8.3	34.5	-10.3
EC115	51.7	62.3	10.6	50.1	-1.6	56.7	5.0	55.9	4.2	55.0	3.3	55.9	4.2	55.4	3.7	53.5	1.8
EC116	45.2	45.7	0.5	31.3	-13.9	37.2	-8.0	36.4	-8.8	35.5	-9.7	36.4	-8.8	35.9	-9.3	34.0	-11.2
EC117	60.4	53.2	-7.2	42.8	-17.6	49.8	-10.6	48.9	-11.5	48.0	-12.4	48.9	-11.5	48.5	-11.9	46.5	-13.9
EC118	43.4	56.7	13.3	46.0	2.6	52.9	9.5	52.1	8.7	51.2	7.8	52.1	8.7	51.6	8.2	49.7	6.3
EC119	46.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC120	47.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC121	48.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC122	47.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC123	49.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC124	45.2	69.3	24.1	57.1	11.9	63.7	18.5	62.9	17.7	61.9	16.7	62.8	17.6	62.5	17.3	60.5	15.3
EC125	54.5	55.7	1.2	39.3	-15.2	43.9	-10.6	43.1	-11.4	42.2	-12.3	43.0	-11.5	42.6	-11.9	43.4	-11.1
EC126	72.0	N/A	11.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC127	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC128	55.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC129	53.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC130	49.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC131	50.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC132	63.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC133	59.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC134	55.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC135	52.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC136	45.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC137	49.7	54.8	-5.1	40.2	9.5	46.0	3.7	45.2	4.5	44.3	5.4	45.2	4.5	44.7	5.0	43.4	6.3
EC138	53.0	67.2	-14.2	49.9	3.1	53.4	-0.4	52.6	0.4	51.7	1.3	52.6	0.4	52.1	0.9	52.3	0.7
EC139	55.6	62.6	-7.0	51.0	4.6	57.7	-2.1	56.9	-1.3	56.0	-0.4	56.9	-1.3	56.4	-0.8	55.2	0.4

Receptor Identifier	LOAEL / Existing noise level (dB L _{Aeq})	Compound															
		Site clearance and trees		Boundary fence		Topsoil strip		Excavation		Drainage		Subbase		Pavement / surfacing		Compound site	
		Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)	Predicted noise level (dB L _{Aeq})	Difference (dB)
EC140	41.3	65.3	-24.0	54.8	-13.5	61.8	-20.5	60.9	-19.6	60.0	-18.7	60.9	-19.6	60.5	-19.2	58.5	-17.2
EC141	58.5	55.6	2.9	42.6	15.9	49.0	9.5	48.1	10.4	47.2	11.3	48.1	10.4	N/A	N/A	N/A	N/A
EC142	57.3	74.4	-17.1	60.4	-3.1	66.5	-9.2	65.7	-8.4	64.7	-7.4	65.6	-8.3	65.2	-7.9	63.2	-5.9
EC143	54.8	67.9	-13.1	57.3	-2.5	64.2	-9.4	63.4	-8.6	62.5	-7.7	63.4	-8.6	62.9	-8.1	61.0	-6.2
EC144	49.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC145	48.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC146	54.4	61.0	-6.6	49.5	4.9	56.2	-1.8	55.4	-1.0	54.5	-0.1	55.4	-1.0	54.9	-0.5	52.9	1.5
EC147	53.4	56.2	-2.8	44.3	9.1	51.0	2.4	50.1	3.3	49.2	4.2	50.1	3.3	49.7	3.7	47.7	5.7
EC148	53.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC149	47.2	59.1	11.9	47.4	0.2	54.1	6.9	53.2	6.0	52.3	5.1	53.2	6.0	52.8	5.6	50.8	3.6
EC150	32.6	56.6	24.0	45.7	13.1	52.6	20.0	51.8	19.2	50.9	18.3	51.8	19.2	51.3	18.7	49.4	16.8
EC151	35.6	57.0	21.4	46.2	10.6	53.1	17.5	52.2	16.6	51.3	15.7	52.2	16.6	51.8	16.2	49.8	14.2
EC152	57.0	51.5	-5.5	38.8	-18.2	45.4	-11.6	44.5	-12.5	43.6	-13.4	44.5	-12.5	44.1	-12.9	42.1	-14.9
EC153	52.8	53.4	0.6	38.8	-14.0	44.7	-8.1	43.8	-9.0	42.9	-9.9	43.8	-9.0	43.4	-9.4	41.4	-11.4
EC154	48.1	45.5	-2.6	33.3	-14.8	40.0	-8.1	39.1	-9.0	38.2	-9.9	39.1	-9.0	38.7	-9.4	36.7	-11.4
EC155	45.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 2: Predicted construction noise levels - road construction

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Road construction																					
		Boundary fence		Topsoil strip		Drainage - V ditch		Earthworks (major)		Capping / subbase		Pavement / surfacing		Road marking		VRS		Removal of road		Surface water channel		Drainage	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC1	48.5	44.7	-3.8	54.5	6.0	51.1	2.6	65.7	17.2	58.9	10.4	53.3	4.8	38.7	-9.8	46.5	-2.0	53.3	4.8	46.3	-2.2	N/A	N/A
EC2	50.7	43.3	-7.4	53.1	2.4	43.7	-7.0	62.6	11.9	57.6	6.9	51.9	1.2	37.3	-13.4	44.6	-6.1	51.9	1.2	44.6	-6.1	31.1	-19.6
EC3	54.9	50.4	-4.5	60.3	5.4	59.9	5.0	75.8	20.9	64.8	9.9	59.1	4.2	44.4	-10.5	51.8	-3.1	59.1	4.2	50.7	-4.2	36.6	-18.3
EC4	53.7	46.3	-7.4	56.1	2.4	42.5	-11.2	63.7	10.0	60.6	6.9	55.0	1.3	40.3	-13.4	47.5	-6.2	55.1	1.4	47.6	-6.1	39.8	-13.9
EC5	53.1	47.7	-5.4	57.4	4.3	61.2	8.1	70.3	17.2	61.9	8.8	56.2	3.1	41.6	-11.5	50.4	-2.7	56.3	3.2	50.8	-2.3	38.6	-14.5
EC6	60.6	44.7	-15.9	54.5	-6.1	55.4	-5.2	65.2	4.6	59.0	-1.6	53.3	-7.3	38.7	-21.9	46.8	-13.8	53.3	-7.3	46.1	-14.5	41.5	-19.1
EC7	68.1	48.9	-19.2	58.6	-9.5	38.5	-29.6	65.3	-2.8	63.1	-5.0	57.4	-10.7	42.8	-25.3	51.4	-16.7	56.0	-12.1	52.4	-15.7	54.0	-14.1
EC8	64.5	64.3	-0.2	74.2	9.7	70.8	6.3	80.3	15.8	78.7	14.2	73.1	8.6	58.5	-6.0	64.8	0.3	68.4	3.9	59.0	-5.5	69.7	5.2
EC9	56.5	58.6	2.1	68.5	12.0	70.7	14.2	90.6	34.1	73.0	16.5	67.4	10.9	52.7	-3.8	59.4	2.9	64.4	7.9	57.5	1.0	64.0	7.5
EC10	46.5	51	4.5	60.9	14.4	42.4	-4.1	85.8	39.3	65.3	18.8	59.7	13.2	45.2	-1.3	51.6	5.1	54.0	7.5	50.5	4.0	56.4	9.9
EC11	55.9	40.4	-15.5	50.3	-5.6	36.0	-19.9	54.4	-1.5	54.8	-1.1	49.1	-6.8	34.5	-21.4	27.2	-28.7	44.1	-11.8	38.9	-17.0	45.3	-10.6
EC12	69.5	44.1	-25.4	54.0	-15.5	44.0	-25.5	56.9	-12.6	58.4	-11.1	52.8	-16.7	38.2	-31.3	27.5	-42.0	47.1	-22.4	43.7	-25.8	49.2	-20.3
EC13	48.4	74.3	25.9	80.0	31.6	44.3	-4.1	61.9	13.5	84.5	36.1	78.8	30.4	64.2	15.8	31.3	-17.1	44.8	-3.6	86.4	38.0	75.5	27.1
EC14	50.5	57.8	7.3	67.6	17.1	63.8	13.3	69.0	18.5	72.1	21.6	66.5	16.0	51.8	1.3	N/A	N/A	64.6	14.1	56.7	6.2	63.1	12.6
EC15	46.7	47.6	0.9	57.3	10.6	45.3	-1.4	58.2	11.5	61.8	15.1	56.2	9.5	41.5	-5.2	34.1	-12.6	52.3	5.6	49.1	2.4	52.8	6.1
EC16	63.9	63.6	-0.3	72.9	9.0	70.3	6.4	79.6	15.7	77.4	13.5	71.7	7.8	57.1	-6.8	66.5	2.6	64.3	0.4	69.8	5.9	67.6	3.7
EC17	52.4	71.6	19.2	81.7	29.3	71.4	19.0	71.0	18.6	86.1	33.7	80.5	28.1	65.8	13.4	50.5	-1.9	57.5	5.1	60.0	7.6	77.1	24.7
EC18	50.5	71.4	20.9	78.1	27.6	51.2	0.7	71.8	21.3	85.9	35.4	80.2	29.7	65.6	15.1	57.5	7.0	50.5	0.0	63.8	13.3	76.9	26.4
EC19	69.8	67.7	-2.1	76.7	6.9	54.9	-14.9	71.1	1.3	81.4	11.6	75.7	5.9	61.1	-8.7	48.0	-21.8	82.4	12.6	73.9	4.1	72.4	2.6
EC20	63.7	72.3	8.6	65.6	1.9	55.5	-8.2	73.2	9.5	86.4	22.7	80.8	17.1	66.2	2.5	72.1	8.4	71.1	7.4	75.3	11.6	77.4	13.7
EC21	62.2	64	1.8	65.0	2.8	55.2	-7.0	74.3	12.1	77.1	14.9	71.4	9.2	56.8	-5.4	69.5	7.3	70.4	8.2	72.8	10.6	68.1	5.9
EC22	52.7	72.3	19.6	82.1	29.4	67.9	15.2	83.3	30.6	86.7	34.0	81.0	28.3	66.4	13.7	67.3	14.6	64.5	11.8	70.5	17.8	77.6	24.9
EC23	52.5	74	21.5	83.9	31.4	69.2	16.7	82.3	29.8	88.5	36.0	82.8	30.3	68.2	15.7	54.1	1.6	67.0	14.5	61.7	9.2	79.5	27.0
EC24	59.3	58	-1.3	67.2	7.9	67.7	8.4	73.9	14.6	72.4	13.1	66.7	7.4	52.1	-7.2	48.0	-11.3	65.4	6.1	57.5	-1.8	63.4	4.1
EC25	55.9	80.3	24.4	90.2	34.3	61.0	5.1	68.2	12.3	94.8	38.9	89.1	33.2	74.5	18.6	52.4	-3.5	88.2	32.3	73.6	17.7	85.8	29.9
EC26	59.8	62.7	2.9	54.4	-5.4	47.9	-11.9	76.6	16.8	77.1	17.3	71.5	11.7	56.9	-2.9	45.4	-14.4	42.3	-17.5	50.7	-9.1	68.1	8.3
EC27	43.4	78.4	35.0	87.7	44.3	66.9	23.5	92.2	48.8	92.3	48.9	86.6	43.2	72.0	28.6	47.1	3.7	80.3	36.9	83.9	40.5	83.3	39.9
EC28	54.0	50.5	-3.5	59.4	5.4	64.5	10.5	66.1	12.1	64.7	10.7	59.1	5.1	44.5	-9.5	41.5	-12.5	48.8	-5.2	51.6	-2.4	55.7	1.7
EC29	58.7	56.6	-2.1	65.5	6.8	74.6	15.9	78.7	20.0	71.0	12.3	65.3	6.6	50.7	-8.0	48.7	-10.0	63.0	4.3	54.4	-4.3	58.7	0.0
EC30	57.5	59.6	2.1	69.5	12.0	64.7	7.2	73.0	15.5	74.1	16.6	68.4	10.9	53.8	-3.7	44.6	-12.9	62.9	5.4	53.2	-4.3	63.8	6.3
EC31	60.1	61.4	1.3	71.2	11.1	69.5	9.4	71.0	10.9	75.8	15.7	70.1	10.0	55.5	-4.6	46.8	-13.3	65.3	5.2	56.2	-3.9	65.3	5.2
EC32	44.6	45.7	1.1	55.4	10.8	57.9	13.3	59.7	15.1	59.9	15.3	54.3	9.7	39.6	-5.0	40.5	-4.1	52.9	8.3	47.6	3.0	47.2	2.6
EC33	55.8	69.4	13.6	76.1	20.3	54.0	-1.8	80.3	24.5	80.6	24.8	74.9	19.1	60.2	4.4	35.8	-20.0	73.3	17.5	81.0	25.2	71.5	15.7

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Road construction																					
		Boundary fence		Topsoil strip		Drainage - V ditch		Earthworks (major)		Capping / subbase		Pavement / surfacing		Road marking		VRS		Removal of road		Surface water channel		Drainage	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC34	54.3	58.1	3.8	67.8	13.5	66.5	12.2	67.3	13.0	72.3	18.0	66.7	12.4	52.1	-2.2	45.7	-8.6	57.4	3.1	58.9	4.6	63.3	9.0
EC35	45.1	42.9	-2.2	52.7	7.6	42.4	-2.7	55.6	10.5	57.2	12.1	51.6	6.5	36.9	-8.2	37.1	-8.0	43.9	-1.2	43.2	-1.9	48.2	3.1
EC36	50.8	52.2	1.4	62.1	11.3	56.8	6.0	62.9	12.1	66.6	15.8	61.0	10.2	46.3	-4.5	40.1	-10.7	61.7	10.9	49.5	-1.3	57.6	6.8
EC37	65.3	60.9	-4.4	70.8	5.5	52.0	-13.3	72.8	7.5	75.3	10.0	69.6	4.3	55.0	-10.3	36.6	-28.7	67.5	2.2	56.2	-9.1	66.3	1.0
EC38	48.3	48.6	0.3	58.3	10.0	48.8	0.5	64.2	15.9	62.8	14.5	57.1	8.8	42.5	-5.8	38.4	-9.9	48.2	-0.1	50.7	2.4	53.4	5.1
EC39	46.1	54.8	8.7	64.7	18.6	61.2	15.1	65.6	19.5	69.2	23.1	63.5	17.4	48.9	2.8	43.2	-2.9	53.2	7.1	54.0	7.9	60.2	14.1
EC40	41.6	58.4	16.8	68.3	26.7	63.6	22.0	66.0	24.4	72.8	31.2	67.1	25.5	52.5	10.9	44.7	3.1	63.7	22.1	57.0	15.4	63.6	22.0
EC41	42.7	52.1	9.4	61.9	19.2	54.4	11.7	64.6	21.9	66.4	23.7	60.7	18.0	46.1	3.4	42.7	0.0	54.4	11.7	52.7	10.0	56.9	14.2
EC42	42.1	58.0	15.9	67.9	25.8	63.4	21.3	66.6	24.5	72.4	30.3	66.7	24.6	52.1	10.0	45.5	3.4	63.0	20.9	56.4	14.3	63.3	21.2
EC43	53.4	63.3	9.9	73.3	19.9	54.9	1.5	77.8	24.4	77.8	24.4	72.1	18.7	57.5	4.1	63.6	10.2	58.6	5.2	55.7	2.3	68.8	15.4
EC44	57.2	66.2	9.0	76.1	18.9	61.9	4.7	82.1	24.9	80.7	23.5	75.0	17.8	60.4	3.2	66.7	9.5	63.8	6.6	61.8	4.6	71.6	14.4
EC45	51.4	62.7	11.3	72.7	21.3	53.3	1.9	78.8	27.4	77.2	25.8	71.5	20.1	56.9	5.5	62.9	11.5	58.5	7.1	56.4	5.0	68.2	16.8
EC46	52.7	54.6	1.9	64.5	11.8	66.6	13.9	70.8	18.1	69.0	16.3	63.3	10.6	48.7	-4.0	55.8	3.1	61.1	8.4	55.0	2.3	59.9	7.2
EC47	47.7	55.5	7.8	65.3	17.6	37.6	-10.1	70.0	22.3	69.8	22.1	64.1	16.4	49.7	2.0	55.8	8.1	56.5	8.8	55.4	7.7	60.8	13.1
EC48	48.2	53.5	5.3	63.4	15.2	43.0	-5.2	65.9	17.7	67.9	19.7	62.2	14.0	47.7	-0.5	54.5	6.3	59.9	11.7	52.8	4.6	58.9	10.7
EC49	46.9	60.7	13.8	70.6	23.7	46.8	-0.1	74.8	27.9	75.0	28.1	69.4	22.5	54.8	7.9	60.7	13.8	54.5	7.6	61.2	14.3	66.0	19.1
EC50	48.0	68.3	20.3	78.1	30.1	48.8	0.8	82.5	34.5	82.7	34.7	77.0	29.0	62.4	14.4	68.4	20.4	55.0	7.0	65.4	17.4	73.6	25.6
EC51	50.2	55.1	4.9	64.9	14.7	53.8	3.6	68.6	18.4	69.4	19.2	63.7	13.5	49.1	-1.1	55.3	5.1	56.2	6.0	56.6	6.4	60.1	9.9
EC52	58.7	76.7	18.0	86.6	27.9	49.6	-9.1	93.9	35.2	91.2	32.5	85.5	26.8	70.9	12.2	76.9	18.2	85.5	26.8	70.9	12.2	29.8	-28.9
EC53	55.4	48.6	-6.8	58.4	3.0	49.4	-6.0	67.9	12.5	62.9	7.5	57.3	1.9	42.6	-12.8	49.6	-5.8	57.2	1.8	49.0	-6.4	33.3	-22.1
EC54	54.6	48.3	-6.3	58.1	3.5	49.5	-5.1	67.6	13.0	62.6	8.0	57.0	2.4	42.3	-12.3	49.4	-5.2	57.0	2.4	49.1	-5.5	27.1	-27.5
EC55	49.9	48.8	-1.1	58.5	8.6	40.5	-9.4	66.3	16.4	63.0	13.1	57.4	7.5	42.7	-7.2	50.2	0.3	57.6	7.7	50.6	0.7	44.7	-5.2
EC56	52.1	48.9	-3.2	58.6	6.5	46.9	-5.2	66.9	14.8	63.1	11.0	57.5	5.4	42.8	-9.3	50.3	-1.8	57.6	5.5	50.0	-2.1	44.5	-7.6
EC57	51.3	48.9	-2.4	58.7	7.4	44.4	-6.9	66.6	15.3	63.2	11.9	57.5	6.2	42.9	-8.4	50.4	-0.9	57.8	6.5	50.5	-0.8	45.2	-6.1
EC58	52.2	49.6	-2.6	59.3	7.1	39.9	-12.3	66.6	14.4	63.8	11.6	58.1	5.9	43.5	-8.7	50.6	-1.6	58.3	6.1	52.2	0.0	43.1	-9.1
EC59	50.3	67.7	17.4	71.6	21.3	58.3	8.0	81.3	31.0	76.2	25.9	70.5	20.2	55.9	5.6	77.4	27.1	57.8	7.5	80.6	30.3	67.1	16.8
EC60	51.7	48.9	-2.8	58.7	7.0	66.9	15.2	67.6	15.9	63.2	11.5	57.5	5.8	42.9	-8.8	51.1	-0.6	55.5	3.8	50.9	-0.8	54.2	2.5
EC61	45.1	47.0	1.9	56.8	11.7	47.6	2.5	63.5	18.4	61.3	16.2	55.6	10.5	41.1	-4.0	48.0	2.9	50.9	5.8	47.6	2.5	52.3	7.2
EC62	60.4	45.1	-15.3	54.7	-5.7	56.0	-4.4	65.8	5.4	59.2	-1.2	53.6	-6.8	38.9	-21.5	48.0	-12.4	54.4	-6.0	48.9	-11.5	41.6	-18.8
EC63	55.9	45.5	-10.4	55.3	-0.6	49.1	-6.8	63.5	7.6	59.8	3.9	54.1	-1.8	39.5	-16.4	47.3	-8.6	54.0	-1.9	46.3	-9.6	46.8	-9.1
EC64	62.2	46.0	-16.2	55.8	-6.4	55.1	-7.1	65.4	3.2	60.3	-1.9	54.6	-7.6	40.0	-22.2	48.0	-14.2	54.9	-7.3	47.5	-14.7	45.5	-16.7
EC65	62.4	43.3	-19.1	53.1	-9.3	49.4	-13.0	62.5	0.1	57.5	-4.9	51.9	-10.5	37.2	-25.2	45.6	-16.8	51.6	-10.8	45.6	-16.8	42.6	-19.8
EC66	67.5	61.9	-5.6	71.8	4.3	70.8	3.3	75.8	8.3	76.4	8.9	70.7	3.2	56.1	-11.4	62.5	-5.0	70.7	3.2	54.7	-12.8	67.4	-0.1
EC67	65.0	69.5	4.5	79.5	14.5	42.5	-22.5	86.6	21.6	84.0	19.0	78.3	13.3	63.7	-1.3	69.9	4.9	65.5	0.5	62.7	-2.3	75.0	10.0

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Road construction																					
		Boundary fence		Topsoil strip		Drainage - V ditch		Earthworks (major)		Capping / subbase		Pavement / surfacing		Road marking		VRS		Removal of road		Surface water channel		Drainage	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC68	48.7	50.4	1.7	60.3	11.6	56.0	7.3	65.3	16.6	64.7	16.0	59.1	10.4	44.5	-4.2	51.8	3.1	55.4	6.7	49.7	1.0	55.7	7.0
EC69	66.8	60.9	-5.9	70.9	4.1	54.9	-11.9	75.2	8.4	75.4	8.6	69.7	2.9	55.1	-11.7	61.4	-5.4	69.5	2.7	55.1	-11.7	66.4	-0.4
EC70	67.6	61.6	-6.0	71.5	3.9	58.0	-9.6	76.2	8.6	76.0	8.4	70.3	2.7	55.7	-11.9	62.6	-5.0	70.2	2.6	58.8	-8.8	67.0	-0.6
EC71	44.9	46.0	1.1	55.8	10.9	51.4	6.5	61.9	17.0	60.2	15.3	54.6	9.7	40.0	-4.9	47.4	2.5	50.3	5.4	46.5	1.6	51.2	6.3
EC72	68.2	60.3	-7.9	70.1	1.9	68.1	-0.1	76.2	8.0	74.7	6.5	69.0	0.8	54.4	-13.8	61.3	-6.9	69.0	0.8	57.2	-11.0	65.7	-2.5
EC73	69.5	66.0	-3.5	75.9	6.4	58.9	-10.6	77.2	7.7	80.4	10.9	74.7	5.2	60.1	-9.4	67.1	-2.4	74.7	5.2	63.2	-6.3	71.4	1.9
EC74	50.9	51.1	0.2	60.9	10.0	48.4	-2.5	66.8	15.9	65.4	14.5	59.8	8.9	45.2	-5.7	51.8	0.9	53.6	2.7	51.1	0.2	56.4	5.5
EC75	50.5	53.8	3.3	63.7	13.2	62.6	12.1	69.9	19.4	68.2	17.7	62.5	12.0	47.9	-2.6	54.7	4.2	59.4	8.9	53.8	3.3	59.2	8.7
EC76	44.8	47.3	2.5	57.2	12.4	51.7	6.9	62.5	17.7	61.6	16.8	56.0	11.2	41.4	-3.4	48.0	3.2	52.6	7.8	48.0	3.2	52.6	7.8
EC77	47.3	53.6	6.3	63.4	16.1	55.9	8.6	68.9	21.6	67.9	20.6	62.3	15.0	47.6	0.3	54.1	6.8	56.2	8.9	53.0	5.7	58.9	11.6
EC78	47.7	52.3	4.6	62.1	14.4	58.1	10.4	67.7	20.0	66.6	18.9	61.0	13.3	46.3	-1.4	52.9	5.2	56.1	8.4	51.9	4.2	57.6	9.9
EC79	50.2	53.7	3.5	63.6	13.4	60.8	10.6	69.5	19.3	68.0	17.8	62.4	12.2	47.8	-2.4	54.4	4.2	58.1	7.9	53.4	3.2	59.0	8.8
EC80	46.1	50.3	4.2	60.2	14.1	45.8	-0.3	62.9	16.8	64.7	18.6	59.0	12.9	44.4	-1.7	50.2	4.1	52.8	6.7	50.0	3.9	55.4	9.3
EC81	52.6	49.0	-3.6	58.6	6.0	70.7	18.1	70.8	18.2	63.1	10.5	57.5	4.9	42.9	-9.7	51.7	-0.9	56.0	3.4	52.2	-0.4	54.1	1.5
EC82	48.6	58.6	10.0	68.5	19.9	37.9	-10.7	72.7	24.1	73.0	24.4	67.3	18.7	52.8	4.2	58.9	10.3	55.6	7.0	56.1	7.5	64.0	15.4
EC83	49.7	54.9	5.2	64.5	14.8	55.7	6.0	69.1	19.4	69.0	19.3	63.3	13.6	48.7	-1.0	54.9	5.2	62.2	12.5	58.6	8.9	60.0	10.3
EC84	53.8	55.6	1.8	65.4	11.6	66.4	12.6	71.5	17.7	69.9	16.1	64.3	10.5	49.7	-4.1	57.0	3.2	63.5	9.7	56.3	2.5	60.9	7.1
EC85	44.0	49.9	5.9	59.7	15.7	55.2	11.2	65.3	21.3	64.2	20.2	58.6	14.6	43.9	-0.1	50.6	6.6	54.2	10.2	49.7	5.7	55.2	11.2
EC86	47.4	51.7	4.3	61.6	14.2	57.9	10.5	67.3	19.9	66.1	18.7	60.4	13.0	45.8	-1.6	52.4	5.0	55.4	8.0	51.4	4.0	57.1	9.7
EC87	51.7	55.6	3.9	65.4	13.7	50.2	-1.5	69.0	17.3	69.9	18.2	64.2	12.5	49.6	-2.1	55.4	3.7	55.4	3.7	56.6	4.9	60.7	9.0
EC88	54.3	56.7	2.4	66.6	12.3	53.9	-0.4	69.9	15.6	71.1	16.8	65.4	11.1	50.8	-3.5	57.0	2.7	57.7	3.4	57.1	2.8	61.8	7.5
EC89	50.4	54.7	4.3	64.5	14.1	48.3	-2.1	68.0	17.6	69.0	18.6	63.3	12.9	48.7	-1.7	54.6	4.2	54.0	3.6	56.4	6.0	59.8	9.4
EC90	46.3	46.4	0.1	56.2	9.9	48.2	1.9	69.4	23.1	60.7	14.4	55.0	8.7	40.5	-5.8	47.5	1.2	51.2	4.9	46.8	0.5	51.7	5.4
EC91	44.3	48.0	3.7	57.9	13.6	49.1	4.8	63.1	18.8	62.4	18.1	56.7	12.4	42.1	-2.2	48.7	4.4	53.9	9.6	48.1	3.8	53.4	9.1
EC92	43.6	46.2	2.6	56.0	12.4	43.9	0.3	61.8	18.2	60.5	16.9	54.9	11.3	40.3	-3.3	46.7	3.1	50.8	7.2	46.7	3.1	51.5	7.9
EC93	43.6	46.3	2.7	56.1	12.5	46.7	3.1	61.4	17.8	60.6	17.0	54.9	11.3	40.4	-3.2	47.0	3.4	51.4	7.8	47.3	3.7	51.6	8.0
EC94	46.5	50.1	3.6	59.9	13.4	52.1	5.6	66.0	19.5	64.3	17.8	58.7	12.2	44.1	-2.4	50.5	4.0	55.1	8.6	51.3	4.8	55.3	8.8
EC95	46.1	48.9	2.8	57.8	11.7	65.4	19.3	64.6	18.5	63.2	17.1	57.5	11.4	42.9	-3.2	43.9	-2.2	50.1	4.0	49.0	2.9	53.6	7.5
EC96	49.2	62.0	12.8	71.8	22.6	62.5	13.3	76.6	27.4	76.4	27.2	70.7	21.5	56.2	7.0	49.7	0.5	54.3	5.1	53.8	4.6	67.3	18.1
EC97	45.7	49.0	3.3	58.1	12.4	43.5	-2.2	60.7	15.0	63.3	17.6	57.7	12.0	43.1	-2.6	39.6	-6.1	48.0	2.3	49.0	3.3	54.3	8.6
EC98	59.3	69.8	10.5	79.8	20.5	68.8	9.5	73.9	14.6	84.3	25.0	78.7	19.4	64.0	4.7	46.9	-12.4	78.0	18.7	60.6	1.3	75.3	16.0
EC99	43.6	49.3	5.7	59.1	15.5	46.7	3.1	60.9	17.3	63.6	20.0	57.9	14.3	43.3	-0.3	27.7	-15.9	45.6	2.0	50.3	6.7	54.6	11.0
EC100	50.1	54.9	4.8	64.7	14.6	49.1	-1.0	68.3	18.2	69.2	19.1	63.5	13.4	48.9	-1.2	54.8	4.7	54.2	4.1	56.8	6.7	60.0	9.9
EC101	48.3	45.2	-3.1	53.3	5.0	49.6	1.3	62.9	14.6	59.4	11.1	53.7	5.4	39.1	-9.2	43.1	-5.2	45.1	-3.2	48.3	0.0	50.2	1.9

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Road construction																					
		Boundary fence		Topsoil strip		Drainage - V ditch		Earthworks (major)		Capping / subbase		Pavement / surfacing		Road marking		VRS		Removal of road		Surface water channel		Drainage	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC102	49.7	54.7	5.0	64.6	14.9	52.9	3.2	66.5	16.8	69.1	19.4	63.5	13.8	48.8	-0.9	46.9	-2.8	51.2	1.5	54.1	4.4	59.9	10.2
EC103	50.0	54.3	4.3	64.2	14.2	58.3	8.3	65.6	15.6	68.7	18.7	63.0	13.0	48.3	-1.7	44.1	-5.9	54.3	4.3	54.4	4.4	59.1	9.1
EC104	45.1	49.2	4.1	59.0	13.9	51.2	6.1	61.7	16.6	63.4	18.3	57.8	12.7	43.1	-2.0	N/A	N/A	51.3	6.2	50.7	5.6	54.4	9.3
EC105	43.3	48.2	4.9	58.0	14.7	48.8	5.5	60.1	16.8	62.5	19.2	56.9	13.6	42.2	-1.1	N/A	N/A	48.4	5.1	48.6	5.3	53.5	10.2
EC106	50.5	50.7	0.2	60.6	10.1	54.5	4.0	61.4	10.9	65.1	14.6	59.4	8.9	44.8	-5.7	N/A	N/A	56.1	5.6	48.7	-1.8	56.1	5.6
EC107	43.2	49.6	6.4	59.5	16.3	49.3	6.1	65.8	22.6	64.0	20.8	58.3	15.1	43.7	0.5	40.6	-2.6	46.0	2.8	47.3	4.1	55.0	11.8
EC108	45.2	52.1	6.9	62.0	16.8	51.7	6.5	68.5	23.3	66.5	21.3	60.9	15.7	46.2	1.0	42.5	-2.7	48.1	2.9	49.9	4.7	57.5	12.3
EC109	43.7	49.5	5.8	59.3	15.6	49.5	5.8	61.5	17.8	63.8	20.1	58.2	14.5	43.5	-0.2	N/A	N/A	53.2	9.5	50.0	6.3	54.8	11.1
EC110	40.0	45.8	5.8	55.7	15.7	50.7	10.7	58.4	18.4	60.2	20.2	54.5	14.5	39.9	-0.1	N/A	N/A	45.2	5.2	44.9	4.9	51.2	11.2
EC111	52.4	48.3	-4.1	57.9	5.5	50.5	-1.9	63.8	11.4	62.4	10.0	56.8	4.4	42.1	-10.3	35.5	-16.9	49.6	-2.8	51.1	-1.3	53.2	0.8
EC112	56.2	48.6	-7.6	58.3	2.1	50.6	-5.6	63.9	7.7	62.8	6.6	57.2	1.0	42.5	-13.7	36.5	-19.7	49.8	-6.4	51.1	-5.1	53.6	-2.6
EC113	54.7	48.3	-6.4	58.1	3.4	49.5	-5.2	63.6	8.9	62.5	7.8	56.9	2.2	42.2	-12.5	36.3	-18.4	49.8	-4.9	50.8	-3.9	53.3	-1.4
EC114	44.8	44.7	-0.1	54.6	9.8	43.0	-1.8	57.1	12.3	59.1	14.3	53.4	8.6	38.8	-6.0	37.6	-7.2	44.3	-0.5	44.0	-0.8	50.1	5.3
EC115	51.7	47.6	-4.1	57.3	5.6	50.2	-1.5	63.5	11.8	61.8	10.1	56.1	4.4	41.5	-10.2	35.3	-16.4	49.3	-2.4	50.8	-0.9	52.6	0.9
EC116	45.2	44.0	-1.2	53.9	8.7	42.6	-2.6	56.8	11.6	58.3	13.1	52.7	7.5	38.1	-7.1	38.2	-7.0	45.2	0.0	44.1	-1.1	49.3	4.1
EC117	60.4	51.6	-8.8	61.5	1.1	61.0	0.6	63.9	3.5	65.9	5.5	60.3	-0.1	45.7	-14.7	N/A	N/A	65.4	5.0	51.0	-9.4	56.9	-3.5
EC118	43.4	46.3	2.9	56.2	12.8	50.2	6.8	58.8	15.4	60.6	17.2	55.0	11.6	40.4	-3.0	N/A	N/A	45.8	2.4	45.5	2.1	51.6	8.2
EC119	46.1	46.1	0.0	54.4	8.3	54.4	8.3	62.4	16.3	60.3	14.2	54.6	8.5	40.0	-6.1	42.8	-3.3	45.7	-0.4	47.9	1.8	51.0	4.9
EC120	47.7	48.8	1.1	57.6	9.9	66.9	19.2	64.3	16.6	63.1	15.4	57.5	9.8	42.9	-4.8	42.5	-5.2	49.2	1.5	49.2	1.5	53.8	6.1
EC121	48.6	50.5	1.9	59.3	10.7	64.9	16.3	66.8	18.2	64.7	16.1	59.1	10.5	44.5	-4.1	48.3	-0.3	50.6	2.0	52.4	3.8	55.3	6.7
EC122	47.2	47.9	0.7	56.6	9.4	61.3	14.1	63.8	16.6	62.2	15.0	56.5	9.3	41.9	-5.3	43.8	-3.4	49.4	2.2	49.1	1.9	52.6	5.4
EC123	49.9	50.3	0.4	59.1	9.2	63.4	13.5	66.4	16.5	64.5	14.6	58.8	8.9	44.2	-5.7	47.9	-2.0	52.2	2.3	52.9	3.0	54.8	4.9
EC124	45.2	61.0	15.8	70.5	25.3	51.3	6.1	74.8	29.6	75.0	29.8	69.3	24.1	54.7	9.5	N/A	N/A	46.2	1.0	65.5	20.3	66.0	20.8
EC125	54.5	59.0	4.5	68.8	14.3	42.0	-12.5	71.6	17.1	73.3	18.8	67.6	13.1	53.0	-1.5	59.5	5.0	64.6	10.1	60.4	5.9	64.3	9.8
EC126	72.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC127	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC128	55.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC129	53.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC130	49.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC131	50.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC132	63.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC133	59.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC134	55.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC135	52.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Road construction																					
		Boundary fence		Topsoil strip		Drainage - V ditch		Earthworks (major)		Capping / subbase		Pavement / surfacing		Road marking		VRS		Removal of road		Surface water channel		Drainage	
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)
EC136	45.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC137	49.7	45.9	3.8	55.7	-6.0	50.3	-0.6	64.2	-14.5	60.2	-10.5	54.6	-4.9	39.9	9.8	46.8	2.9	55.1	-5.4	45.5	4.2	37.2	12.5
EC138	53.0	47.7	5.3	57.4	-4.4	60.6	-7.6	70.0	-17.0	61.9	-8.9	56.3	-3.3	41.6	11.4	50.3	2.7	56.2	-3.2	50.6	2.4	40.9	12.1
EC139	55.6	49.8	5.8	59.7	-4.1	57.5	-1.9	71.9	-16.3	64.1	-8.5	58.5	-2.9	43.8	11.8	51.0	4.6	58.5	-2.9	49.6	6.0	36.0	19.6
EC140	41.3	55.0	-13.7	64.9	-23.6	63.9	-22.6	64.2	-22.9	69.4	-28.1	63.8	-22.5	49.1	-7.8	47.0	-5.7	57.9	-16.6	52.7	-11.4	60.4	-19.1
EC141	58.5	47.8	10.7	56.9	1.6	49.8	8.7	61.4	-2.9	61.4	-2.9	55.7	2.8	41.1	17.4	51.0	7.5	55.6	2.9	54.6	3.9	50.6	7.9
EC142	57.3	66.9	-9.6	76.9	-19.6	79.6	-22.3	82.6	-25.3	81.3	-24.0	75.7	-18.4	61.1	-3.8	39.3	18.0	62.2	-4.9	63.9	-6.6	72.3	-15.0
EC143	54.8	52.4	2.4	62.3	-7.5	50.2	4.6	66.3	-11.5	66.8	-12.0	61.1	-6.3	46.5	8.3	N/A	N/A	50.8	4.0	51.1	3.7	57.7	-2.9
EC144	49.4	54.9	-5.5	64.8	-15.4	53.3	-3.9	66.1	-16.7	69.3	-19.9	63.6	-14.2	49.0	0.4	46.2	3.2	50.8	-1.4	52.9	-3.5	60.1	-10.7
EC145	48.0	59.2	-11.2	69.0	-21.0	81.5	-33.5	66.6	-18.6	73.5	-25.5	67.8	-19.8	53.2	-5.2	42.3	5.7	62.9	-14.9	58.8	-10.8	64.3	-16.3
EC146	54.4	58.6	-4.2	68.5	-14.1	62.9	-8.5	72.4	-18.0	73.0	-18.6	67.3	-12.9	52.7	1.7	51.6	2.8	58.1	-3.7	56.3	-1.9	64.0	-9.6
EC147	53.4	51.7	1.7	61.5	-8.1	46.4	7.0	66.5	-13.1	66.0	-12.6	60.4	-7.0	45.7	7.7	47.4	6.0	50.5	2.9	51.4	2.0	57.0	-3.6
EC148	53.1	59.0	-5.9	68.8	-15.7	43.2	9.9	69.4	-16.3	73.3	-20.2	67.7	-14.6	53.0	0.1	44.7	8.4	56.7	-3.6	58.3	-5.2	64.3	-11.2
EC149	47.2	46.7	-0.5	56.6	9.4	45.2	-2.0	61.2	14.0	61.0	13.8	55.4	8.2	40.8	-6.4	46.8	-9.2	46.8	-0.4	45.8	-1.4	50.8	3.6
EC150	32.6	47.5	14.9	57.3	24.7	44.2	11.6	56.9	24.3	61.8	29.2	56.2	23.6	41.5	8.9	48.9	1.5	48.9	16.3	47.8	15.2	52.8	20.2
EC151	35.6	47.4	11.8	57.3	21.7	43.8	8.2	57.0	21.4	61.8	26.2	56.1	20.5	41.5	5.9	48.2	-1.8	48.2	12.6	47.7	12.1	52.8	17.2
EC152	57.0	67.8	10.8	77.8	20.8	61.4	4.4	82.4	25.4	82.3	25.3	76.6	19.6	62.0	5.0	62.4	-9.5	62.4	5.4	51.7	-5.3	73.3	16.3
EC153	52.8	65.1	12.3	74.9	22.1	56.4	3.6	78.5	25.7	79.4	26.6	73.8	21.0	59.1	6.3	55.8	10.1	55.8	3.0	66.2	13.4	70.4	17.6
EC154	48.1	56.9	8.8	66.8	18.7	58.9	10.8	62.3	14.2	71.3	23.2	65.7	17.6	51.0	2.9	56.0	-0.2	56.0	7.9	53.4	5.3	62.3	14.2
EC155	45.9	50.1	4.2	59.5	13.6	54.6	8.7	67.3	21.4	64.0	18.1	58.4	12.5	43.8	-2.1	55.4	5.3	55.4	9.5	55.4	9.5	55.0	9.1

Table 3: Predicted construction noise levels - structures and demolition

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Structures												Demolition	
		Excavation - hard standing		Stone delivery		Concreting		Sheet piling for structure		Piling concrete CFA		Stone crushing		Predicted noise level (dB LAeq)	Difference (dB)
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)		
EC1	48.5	28.8	-19.7	33.8	-14.7	46.1	-2.4	45.7	-2.8	N/A	N/A	N/A	N/A	N/A	N/A
EC2	50.7	27.7	-23.0	32.7	-18.0	46.5	-4.2	46.2	-4.5	23.4	-27.3	N/A	N/A	N/A	N/A
EC3	54.9	34.7	-20.2	39.7	-15.2	51.5	-3.4	49.1	-5.8	46.0	-8.9	N/A	N/A	N/A	N/A
EC4	53.7	34.5	-19.2	39.5	-14.2	51.5	-2.2	44.5	-9.2	49.0	-4.7	N/A	N/A	N/A	N/A
EC5	53.1	33.7	-19.4	38.7	-14.4	50.3	-2.8	44.9	-8.2	47.3	-5.8	N/A	N/A	N/A	N/A
EC6	60.6	35.4	-25.2	40.4	-20.2	45.6	-15.0	39.3	-21.3	43.6	-17.0	N/A	N/A	N/A	N/A
EC7	68.1	30.8	-37.3	35.8	-32.3	45.9	-22.2	40.1	-28.0	42.6	-25.5	N/A	N/A	42.2	-25.9
EC8	64.5	65.7	1.2	70.7	6.2	83.8	19.3	48.9	-15.6	46.8	-17.7	N/A	N/A	68.2	3.7
EC9	56.5	51.8	-4.7	56.8	0.3	66.6	10.1	49.4	-7.1	46.9	-9.6	N/A	N/A	63.5	7.0
EC10	46.5	29.9	-16.6	34.9	-11.6	46.9	0.4	46.1	-0.4	N/A	N/A	N/A	N/A	39.9	-6.6
EC11	55.9	24.7	-31.2	29.7	-26.2	35.3	-20.6	N/A	N/A	N/A	N/A	N/A	N/A	39.0	-16.9
EC12	69.5	29.5	-40.0	34.5	-35.0	40.3	-29.2	N/A	N/A	N/A	N/A	N/A	N/A	39.3	-30.2
EC13	48.4	60.9	12.5	65.9	17.5	79.3	30.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC14	50.5	23.1	-27.4	28.1	-22.4	38.8	-11.7	N/A	N/A	N/A	N/A	N/A	N/A	41.4	-9.1
EC15	46.7	28.4	-18.3	33.4	-13.3	45.7	-1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC16	63.9	60.8	-3.1	65.8	1.9	74.8	10.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC17	52.4	40.1	-12.3	45.1	-7.3	56.5	4.1	N/A	N/A	N/A	N/A	N/A	N/A	54.8	2.4
EC18	50.5	52.7	2.2	57.7	7.2	76.2	25.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC19	69.8	42.0	-27.8	47.0	-22.8	62.8	-7.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC20	63.7	51.7	-12.0	56.7	-7.0	82.2	18.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC21	62.2	49.7	-12.5	54.7	-7.5	85.1	22.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC22	52.7	44.7	-8.0	49.7	-3.0	61.6	8.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC23	52.5	48.1	-4.4	53.1	0.6	64.3	11.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC24	59.3	59.0	-0.3	64.0	4.7	72.8	13.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC25	55.9	52.6	-3.3	57.6	1.7	67.8	11.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC26	59.8	60.6	0.8	65.6	5.8	80.5	20.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC27	43.4	34.7	-8.7	39.7	-3.7	43.6	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC28	54.0	30.8	-23.2	35.8	-18.2	47.0	-7.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC29	58.7	52.8	-5.9	57.8	-0.9	70.3	11.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC30	57.5	53.0	-4.5	58.0	0.5	66.6	9.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC31	60.1	54.9	-5.2	59.9	-0.2	65.5	5.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC32	44.6	28.3	-16.3	33.3	-11.3	44.8	0.2	N/A	N/A	N/A	N/A	N/A	N/A	40.8	-3.8
EC33	55.8	30.6	-25.2	35.6	-20.2	52.2	-3.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC34	54.3	31.2	-23.1	36.2	-18.1	38.2	-16.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Structures												Demolition	
		Excavation - hard standing		Stone delivery		Concreting		Sheet piling for structure		Piling concrete CFA		Stone crushing		Predicted noise level (dB LAeq)	Difference (dB)
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)		
EC35	45.1	22.9	-22.2	27.9	-17.2	39.9	-5.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC36	50.8	33.1	-17.7	38.1	-12.7	49.7	-1.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC37	65.3	30.2	-35.1	35.2	-30.1	47.1	-18.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC38	48.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC39	46.1	35.1	-11.0	40.1	-6.0	49.0	2.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC40	41.6	38.4	-3.2	43.4	1.8	56.2	14.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC41	42.7	36.7	-6.0	41.7	-1.0	53.7	11.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC42	42.1	38.7	-3.4	43.7	1.6	56.7	14.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC43	53.4	44.0	-9.4	49.0	-4.4	57.8	4.4	54.3	0.9	54.0	0.6	N/A	N/A	61.8	8.4
EC44	57.2	52.6	-4.6	57.6	0.4	57.1	-0.1	52.4	-4.8	58.9	1.7	N/A	N/A	67.7	10.5
EC45	51.4	43.6	-7.8	48.6	-2.8	57.1	5.7	53.6	2.2	53.5	2.1	N/A	N/A	59.5	8.1
EC46	52.7	41.6	-11.1	46.6	-6.1	57.4	4.7	46.7	-6.0	44.1	-8.6	N/A	N/A	61.7	9.0
EC47	47.7	32.5	-15.2	37.5	-10.2	49.3	1.6	48.8	1.1	N/A	N/A	N/A	N/A	39.3	-8.4
EC48	48.2	28.9	-19.3	33.9	-14.3	44.4	-3.8	42.1	-6.1	N/A	N/A	N/A	N/A	47.5	-0.7
EC49	46.9	34.9	-12.0	39.9	-7.0	44.5	-2.4	N/A	N/A	22.6	-24.3	N/A	N/A	44.4	-2.5
EC50	48.0	36.4	-11.6	41.4	-6.6	45.8	-2.2	N/A	N/A	22.6	-25.4	N/A	N/A	44.6	-3.4
EC51	50.2	35.0	-15.2	40.0	-10.2	50.1	-0.1	N/A	N/A	22.7	-27.5	N/A	N/A	41.8	-8.4
EC52	58.7	44.4	-14.3	49.4	-9.3	58.4	-0.3	58.0	-0.7	41.6	-17.1	N/A	N/A	N/A	N/A
EC53	55.4	35.7	-19.7	40.7	-14.7	50.5	-4.9	50.0	-5.4	33.5	-21.9	N/A	N/A	N/A	N/A
EC54	54.6	32.6	-22.0	37.6	-17.0	50.5	-4.1	50.0	-4.6	33.4	-21.2	N/A	N/A	N/A	N/A
EC55	49.9	39.2	-10.7	44.2	-5.7	55.2	5.3	46.7	-3.2	53.1	3.2	N/A	N/A	N/A	N/A
EC56	52.1	42.2	-9.9	47.2	-4.9	56.0	3.9	50.6	-1.5	53.1	1.0	N/A	N/A	N/A	N/A
EC57	51.3	39.8	-11.5	44.8	-6.5	55.7	4.4	47.9	-3.4	53.5	2.2	N/A	N/A	N/A	N/A
EC58	52.2	38.2	-14.0	43.2	-9.0	54.1	1.9	45.0	-7.2	52.2	0.0	N/A	N/A	N/A	N/A
EC59	50.3	52.1	1.8	57.1	6.8	69.4	19.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC60	51.7	27.3	-24.4	32.3	-19.4	44.6	-7.1	39.5	-12.2	41.3	-10.4	N/A	N/A	40.7	-11.0
EC61	45.1	27.1	-18.0	32.1	-13.0	44.2	-0.9	43.3	-1.8	34.0	-11.1	N/A	N/A	N/A	N/A
EC62	60.4	36.6	-23.8	41.6	-18.8	47.9	-12.5	44.8	-15.6	44.4	-16.0	N/A	N/A	N/A	N/A
EC63	55.9	35.1	-20.8	40.1	-15.8	45.8	-10.1	43.2	-12.7	42.1	-13.8	N/A	N/A	N/A	N/A
EC64	62.2	35.8	-26.4	40.8	-21.4	46.9	-15.3	44.0	-18.2	43.3	-18.9	N/A	N/A	N/A	N/A
EC65	62.4	33.5	-28.9	38.5	-23.9	46.2	-16.2	43.2	-19.2	42.7	-19.7	N/A	N/A	N/A	N/A
EC66	67.5	26.0	-41.5	31.0	-36.5	43.3	-24.2	40.9	-26.6	37.7	-29.8	N/A	N/A	40.4	-27.1
EC67	65.0	58.5	-6.5	63.5	-1.5	78.3	13.3	78.0	13.0	N/A	N/A	N/A	N/A	43.2	-21.8
EC68	48.7	28.2	-20.5	33.2	-15.5	45.2	-3.5	37.3	-11.4	42.9	-5.8	N/A	N/A	47.9	-0.8
EC69	66.8	36.0	-30.8	41.0	-25.8	53.4	-13.4	52.9	-13.9	36.7	-30.1	N/A	N/A	N/A	N/A

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Structures												Demolition	
		Excavation - hard standing		Stone delivery		Concreting		Sheet piling for structure		Piling concrete CFA		Stone crushing		Predicted noise level (dB LAeq)	Difference (dB)
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)		
EC70	67.6	33.9	-33.7	38.9	-28.7	47.0	-20.6	45.9	-21.7	37.4	-30.2	N/A	N/A	N/A	N/A
EC71	44.9	25.2	-19.7	30.2	-14.7	42.3	-2.6	37.4	-7.5	39.0	-5.9	N/A	N/A	44.7	-0.2
EC72	68.2	26.4	-41.8	31.4	-36.8	43.7	-24.5	41.8	-26.4	37.0	-31.2	N/A	N/A	39.9	-28.3
EC73	69.5	32.7	-36.8	37.7	-31.8	46.3	-23.2	45.0	-24.5	37.6	-31.9	N/A	N/A	N/A	N/A
EC74	50.9	32.6	-18.3	37.6	-13.3	49.2	-1.7	48.9	-2.0	23.0	-27.9	N/A	N/A	N/A	N/A
EC75	50.5	40.5	-10.0	45.5	-5.0	55.6	5.1	46.7	-3.8	44.2	-6.3	N/A	N/A	56.7	6.2
EC76	44.8	30.6	-14.2	35.6	-9.2	47.6	2.8	42.7	-2.1	40.2	-4.6	N/A	N/A	50.3	5.5
EC77	47.3	37.5	-9.8	42.5	-4.8	51.9	4.6	45.1	-2.2	46.2	-1.1	N/A	N/A	55.6	8.3
EC78	47.7	37.7	-10.0	42.7	-5.0	51.9	4.2	42.3	-5.4	43.9	-3.8	N/A	N/A	54.1	6.4
EC79	50.2	40.2	-10.0	45.2	-5.0	54.6	4.4	43.3	-6.9	45.4	-4.8	N/A	N/A	56.6	6.4
EC80	46.1	17.3	-28.8	22.3	-23.8	45.1	-1.0	N/A	N/A	22.9	-23.2	N/A	N/A	44.5	-1.6
EC81	52.6	25.7	-26.9	30.7	-21.9	43.0	-9.6	40.6	-12.0	37.4	-15.2	N/A	N/A	40.2	-12.4
EC82	48.6	35.4	-13.2	40.4	-8.2	52.0	3.4	51.6	3.0	N/A	N/A	N/A	N/A	38.9	-9.7
EC83	49.7	39.2	-10.5	44.2	-5.5	54.9	5.2	45.9	-3.8	43.2	-6.5	N/A	N/A	60.1	10.4
EC84	53.8	41.8	-12.0	46.8	-7.0	55.9	2.1	46.4	-7.4	44.0	-9.8	N/A	N/A	63.4	9.6
EC85	44.0	35.7	-8.3	40.7	-3.3	49.8	5.8	45.5	1.5	42.7	-1.3	N/A	N/A	51.7	7.7
EC86	47.4	37.1	-10.3	42.1	-5.3	50.7	3.3	46.2	-1.2	43.7	-3.7	N/A	N/A	55.5	8.1
EC87	51.7	39.5	-12.2	44.5	-7.2	48.7	-3.0	N/A	N/A	N/A	N/A	N/A	N/A	41.0	-10.7
EC88	54.3	42.5	-11.8	47.5	-6.8	51.2	-3.1	N/A	N/A	N/A	N/A	N/A	N/A	43.5	-10.8
EC89	50.4	36.6	-13.8	41.6	-8.8	46.9	-3.5	N/A	N/A	N/A	N/A	N/A	N/A	40.8	-9.6
EC90	46.3	26.9	-19.4	31.9	-14.4	44.0	-2.3	43.0	-3.3	34.3	-12.0	N/A	N/A	N/A	N/A
EC91	44.3	31.1	-13.2	36.1	-8.2	47.3	3.0	43.5	-0.8	40.5	-3.8	N/A	N/A	48.4	4.1
EC92	43.6	30.9	-12.7	35.9	-7.7	45.9	2.3	40.3	-3.3	39.1	-4.5	N/A	N/A	50.6	7.0
EC93	43.6	31.8	-11.8	36.8	-6.8	47.2	3.6	40.2	-3.4	39.7	-3.9	N/A	N/A	51.8	8.2
EC94	46.5	35.3	-11.2	40.3	-6.2	51.1	4.6	44.4	-2.1	42.1	-4.4	N/A	N/A	56.4	9.9
EC95	46.1	37.4	-8.7	42.4	-3.7	49.0	2.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC96	49.2	45.7	-3.5	50.7	1.5	53.1	3.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC97	45.7	32.4	-13.3	37.4	-8.3	49.7	4.0	N/A	N/A	N/A	N/A	N/A	N/A	41.8	-3.9
EC98	59.3	48.2	-11.1	53.2	-6.1	63.1	3.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC99	43.6	37.1	-6.5	42.1	-1.5	56.6	13.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC100	50.1	37.2	-12.9	42.2	-7.9	47.3	-2.8	N/A	N/A	N/A	N/A	N/A	N/A	40.9	-9.2
EC101	48.3	33.9	-14.4	38.9	-9.4	50.0	1.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC102	49.7	27.8	-21.9	32.8	-16.9	52.5	2.8	N/A	N/A	N/A	N/A	N/A	N/A	49.9	0.2
EC103	50.0	36.1	-13.9	41.1	-8.9	54.5	4.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC104	45.1	37.5	-7.6	42.5	-2.6	56.3	11.2	N/A	N/A	N/A	N/A	N/A	N/A	47.8	2.7

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Structures												Demolition	
		Excavation - hard standing		Stone delivery		Concreting		Sheet piling for structure		Piling concrete CFA		Stone crushing		Predicted noise level (dB LAeq)	Difference (dB)
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)		
EC105	43.3	35.6	-7.7	40.6	-2.7	54.3	11.0	N/A	N/A	N/A	N/A	N/A	N/A	50.0	6.7
EC106	50.5	25.6	-24.9	30.6	-19.9	45.3	-5.2	N/A	N/A	N/A	N/A	N/A	N/A	44.0	-6.5
EC107	43.2	29.2	-14.0	34.2	-9.0	49.5	6.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC108	45.2	35.2	-10.0	40.2	-5.0	52.5	7.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC109	43.7	36.0	-7.7	41.0	-2.7	54.5	10.8	N/A	N/A	N/A	N/A	N/A	N/A	50.6	6.9
EC110	40.0	29.3	-10.7	34.3	-5.7	46.6	6.6	N/A	N/A	N/A	N/A	N/A	N/A	48.4	8.4
EC111	52.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC112	56.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC113	54.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC114	44.8	24.5	-20.3	29.5	-15.3	41.5	-3.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC115	51.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC116	45.2	23.8	-21.4	28.8	-16.4	40.8	-4.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC117	60.4	24.7	-35.7	29.7	-30.7	44.5	-15.9	N/A	N/A	N/A	N/A	N/A	N/A	43.2	-17.2
EC118	43.4	30.0	-13.4	35.0	-8.4	49.3	5.9	N/A	N/A	N/A	N/A	N/A	N/A	49.5	6.1
EC119	46.1	31.4	-14.7	36.4	-9.7	46.1	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC120	47.7	37.4	-10.3	42.4	-5.3	49.8	2.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC121	48.6	40.9	-7.7	45.9	-2.7	51.2	2.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC122	47.2	35.8	-11.4	40.8	-6.4	49.2	2.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC123	49.9	40.1	-9.8	45.1	-4.8	52.7	2.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC124	45.2	40.8	-4.4	45.8	0.6	57.0	11.8	N/A	N/A	N/A	N/A	N/A	N/A	48.4	3.2
EC125	54.5	28.6	-25.9	33.6	-20.9	45.8	-8.7	43.5	-11.0	N/A	N/A	N/A	N/A	50.1	-4.4
EC126	72.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC127	62.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC128	55.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC129	53.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC130	49.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC131	50.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC132	63.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC133	59.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC134	55.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC135	52.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC136	45.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC137	49.7	31.9	17.8	36.9	12.8	50.1	-0.4	46.2	3.5	45.9	3.8	N/A	N/A	N/A	N/A
EC138	53.0	34.6	18.4	39.6	13.4	50.3	2.7	44.9	8.1	47.5	5.5	N/A	N/A	N/A	N/A
EC139	55.6	34.1	21.5	39.1	16.5	52.9	2.7	51.4	4.2	45.4	10.2	N/A	N/A	N/A	N/A

Receptor Identifier	LOAEL / Existing noise level (dB LAeq)	Structures												Demolition	
		Excavation - hard standing		Stone delivery		Concreting		Sheet piling for structure		Piling concrete CFA		Stone crushing		Predicted noise level (dB LAeq)	Difference (dB)
		Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)	Predicted noise level (dB LAeq)	Difference (dB)		
EC140	41.3	39.3	2.0	44.3	-3.0	57.9	-16.6	N/A	N/A	N/A	N/A	N/A	N/A	49.2	-7.9
EC141	58.5	31.3	27.2	36.3	22.2	48.0	10.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC142	57.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC143	54.8	39.3	15.5	44.3	10.5	56.5	-1.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC144	49.4	35.3	14.1	40.3	9.1	51.7	-2.3	N/A	N/A	N/A	N/A	N/A	N/A	46.2	3.2
EC145	48.0	35.5	12.5	40.5	7.5	52.7	-4.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC146	54.4	35.3	19.1	40.3	14.1	54.3	0.1	N/A	N/A	N/A	N/A	N/A	N/A	55.5	-1.1
EC147	53.4	N/A	N/A	N/A	N/A	44.8	8.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC148	53.1	34.1	19.0	39.1	14.0	52.2	0.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC149	47.2	28.1	-19.1	33.1	-14.1	45.3	-1.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC150	32.6	29.5	-3.1	34.5	1.9	47.6	15.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC151	35.6	30.9	-4.7	35.9	0.3	47.9	12.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC152	57.0	52.0	-5.0	57.0	0.0	66.0	9.0	N/A	N/A	N/A	N/A	N/A	N/A	42.2	-14.8
EC153	52.8	42.1	-10.7	47.1	-5.7	66.4	13.6	N/A	N/A	N/A	N/A	N/A	N/A	98.0	45.2
EC154	48.1	20.0	-28.1	25.0	-23.1	37.0	-11.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC155	45.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 4: Predicted construction vibration levels

Receptor Identifier	Scheme Identifier	Watercourse	Easting	Northing	Vibratory piling		Vibratory compaction / roller		
					Distance (m)	PPV (mm/s)	Distance (m)	PPV (mm/s) (steady state)	PPV (mm/s) (start-up)
EC1	1-2	River Eamont	350897	528440	280	0.0	150	0.1	0.2
EC2	1-2	River Eamont	351348	528314	280	0.0	300	0.0	0.1
EC3	1-2	River Eamont	351777	528714	250	0.0	17	2.0	3.1
EC4	1-2	River Eamont	352334	528774	300	0.0	190	0.1	0.2
EC5	1-2	River Eamont	352808	529212	300	0.0	25	1.2	2.0
EC6	1-2	River Eamont	353093	529367	550	0.0	25	1.2	2.0
EC7	3	River Eamont	353995	529134	450	0.0	75	0.2	0.5
EC8	3	Light Water	354897	528988	300	0.0	1	29.0	31.8
EC9	3	Light Water	354877	529042	300	0.0	1	29.0	31.8
EC10	3	River Eamont	355685	529318	220	0.0	10	3.9	5.6
EC11	4/5	Trout Beck	363513	525255	N/A	N/A	350	0.0	0.1
EC12	4/5	Trout Beck	363538	525294	N/A	N/A	350	0.0	0.1
EC13	4/5	Trout Beck	364963	524467	N/A	N/A	1	29.0	31.8
EC14	4/5	Trout Beck	365993	524037	N/A	N/A	40	0.6	1.1
EC15	4/5	River Eden	366821	521719	N/A	N/A	60	0.3	0.7
EC16	6	Unnamed Tributary of Mire Sike 6.12	373559	516972	N/A	N/A	1	29.0	31.8
EC17	6	Unnamed Tributary of Mire Sike 6.12	373503	516837	N/A	N/A	1	29.0	31.8
EC18	6	Cringle Beck	374398	516445	N/A	N/A	1	29.0	31.8
EC19	6	Hayber Beck	374940	516294	N/A	N/A	1	29.0	31.8
EC20	6	Moor Beck	375043	516116	N/A	N/A	1	29.0	31.8
EC21	6	Moor Beck	375046	516106	N/A	N/A	1	29.0	31.8
EC22	6	Moor Beck	375149	515912	N/A	N/A	1	29.0	31.8
EC23	6	Moor Beck	375276	515822	N/A	N/A	1	29.0	31.8
EC24	6	Eastfield Sike	375464	515784	N/A	N/A	1	29.0	31.8
EC25	6	Eastfield Sike	375511	515875	N/A	N/A	1	29.0	31.8
EC26	6	Unnamed Tributary of Lowgill Beck 6.1	377345	515212	N/A	N/A	1	29.0	31.8
EC27	6	Lowgill Beck	376297	515089	N/A	N/A	1	29.0	31.8
EC28	6	Lowgill Beck	376968	514985	N/A	N/A	140	0.1	0.2
EC29	6	Yosgill Sike	378324	515114	N/A	N/A	10	3.9	5.6
EC30	6	Woodend Sike	378341	515194	N/A	N/A	1	29.0	31.8
EC31	6	Yosgill Sike	378396	515176	N/A	N/A	1	29.0	31.8
EC32	7	River Greta	398909	513248	N/A	N/A	55	0.4	0.7
EC33	8	Tutta Beck	405104	513703	80	0.1	1	29.0	31.8
EC34	8	Tutta Beck	405575	513670	500	0.0	25	1.2	2.0

Table 5: PPV values band table (construction)

Distance	PPV values from different construction vibration sources (mm/s)		
	Vibratory piling	Vibratory compaction/roller - steady rate	Vibratory compaction/roller - start-up
1m	60.0	29.0	31.8
5m	6.3	8.6	11.1
10m	2.4	3.9	5.6

Table 6: Summary of operational traffic noise levels at ecological receptors

Receptor Identifier	Scheme	Easting	Northing	Noise level dB L _{Aeq} free-field (L _{Aeq,16hr})				Change, short term (With scheme 2029 - Without scheme 2029)	Change, long term (With scheme 2044 - Without scheme 2029)
				Without Scheme 2029	Scheme and local roads 2029	Without scheme 2044	Scheme and local roads 2044		
EC1	1-2	350897	528440	49.1	49.2	49.7	50.2	0.6	1.1
EC2	1-2	351348	528314	52.0	51.8	52.2	52.8	0.1	0.8
EC3	1-2	351777	528714	55.4	55.2	56.0	56.6	0.7	1.2
EC4	1-2	352334	528774	55.0	55.3	55.2	55.4	0.2	0.5
EC5	1-2	352808	529212	54.6	54.4	55.3	55.7	0.8	1.2
EC6	1-2	353093	529367	63.6	63.5	64.8	65.2	1.2	1.6
EC7	3	353995	529134	72.8	72.5	72.3	72.7	-0.5	-0.1
EC8	3	354897	528988	66.4	66.5	72.2	72.6	5.8	6.2
EC9	3	354877	529042	59.0	59.1	62.8	63.1	3.8	4.2
EC10	3	355685	529318	46.8	47.0	49.8	50.2	3.0	3.4
EC11	4/5	363513	525255	57.6	57.9	45.9	46.1	-11.7	-11.5
EC12	4/5	363538	525294	70.3	70.7	52.4	52.5	-17.9	-17.9
EC13	4/5	364963	524467	49.4	49.8	75.5	75.9	26.1	26.5
EC14	4/5	365993	524037	52.2	51.8	49.4	49.8	-2.8	-2.4
EC15	4/5	366821	521719	47.5	48.1	41.8	42.1	-5.8	-5.4
EC16	6	373559	516972	66.1	66.1	66.4	66.8	0.2	0.7
EC17	6	373503	516837	53.8	53.9	56.6	57.1	2.8	3.2
EC18	6	374398	516445	51.7	52.3	75.0	75.5	23.3	23.8
EC19	6	374940	516294	71.3	71.9	60.4	60.8	-10.9	-10.5
EC20	6	375043	516116	66.1	66.7	75.0	75.4	8.9	9.3
EC21	6	375046	516106	66.2	66.8	74.6	75.0	8.4	8.8
EC22	6	375149	515912	54.8	55.5	59.1	59.5	4.3	4.7
EC23	6	375276	515822	54.6	55.2	59.2	59.6	4.6	5.0
EC24	6	375464	515784	61.0	61.6	66.2	66.6	5.2	5.7
EC25	6	375511	515875	58.2	58.8	62.6	63.0	4.4	4.8
EC26	6	377345	515212	62.1	62.8	75.1	75.5	13.0	13.5
EC27	6	376297	515089	43.4	44.2	49.9	50.4	6.5	6.9
EC28	6	376968	514985	58.1	57.7	58.5	58.7	0.3	0.6

Receptor Identifier	Scheme	Easting	Northing	Noise level dB L _{Aeq} free-field (L _{Aeq,16hr})				Change, short term (With scheme 2029 - Without scheme 2029)	Change, long term (With scheme 2044 - Without scheme 2029)
				Without Scheme 2029	Scheme and local roads 2029	Without scheme 2044	Scheme and local roads 2044		
EC29	6	378324	515114	62.1	62.5	66.2	66.7	4.1	4.6
EC30	6	378341	515194	60.9	61.0	63.7	64.2	2.9	3.3
EC31	6	378396	515176	61.7	61.6	64.2	64.7	2.5	2.9
EC32	7	398909	513248	45.6	45.4	46.6	47.1	1.1	1.5
EC33	8	405104	513703	57.5	57.5	59.2	59.7	1.7	2.2
EC34	8	405575	513670	55.9	55.9	59.7	60.2	3.8	4.3
EC35	8	407152	514247	45.7	45.8	46.3	46.7	0.6	1.0
EC36	4/5	367422	521453	51.4	51.4	47.1	47.5	-4.3	-3.9
EC37	4/5	366979	521747	69.1	69.9	58.3	58.7	-10.9	-10.4
EC38	4/5	361873	526034	49.3	49.0	50.5	50.8	1.1	1.5
EC39	4/5	364365	525195	46.5	46.9	48.6	49.0	2.1	2.6
EC40	4/5	363341	526495	42.9	44.3	51.7	52.0	8.8	9.2
EC41	4/5	363136	526579	43.8	45.1	50.5	50.9	6.7	7.1
EC42	4/5	363324	526464	43.1	44.6	52.2	52.6	9.1	9.5
EC43	3	354576	528908	55.6	55.8	56.9	57.2	1.3	1.6
EC44	3	354641	528922	59.3	59.5	60.9	61.3	1.6	2.0
EC45	3	354541	528893	52.9	53.1	54.2	54.5	1.2	1.6
EC46	3	354986	529138	53.6	53.8	56.6	56.9	2.9	3.3
EC47	3	355831	529060	50.7	50.8	53.8	54.1	3.1	3.5
EC48	3	355645	528617	48.8	48.9	51.6	52.0	2.8	3.2
EC49	3	358185	528427	48.4	48.3	50.7	51.1	2.3	2.7
EC50	3	358190	528476	49.6	49.5	51.5	51.9	1.9	2.3
EC51	3	358207	528591	52.4	52.3	54.7	55.1	2.3	2.7
EC52	1-2	351403	528857	59.9	59.8	61.1	61.6	1.2	1.8
EC53	1-2	351290	528463	56.4	56.2	56.7	57.4	0.3	1.0
EC54	1-2	351223	528532	53.5	53.3	53.9	54.5	0.4	1.1
EC55	1-2	352381	529014	51.3	51.4	51.4	51.8	0.2	0.5
EC56	1-2	352488	529103	53.5	53.4	54.0	54.4	0.4	0.9
EC57	1-2	352405	529049	52.9	52.8	52.8	53.2	-0.2	0.2
EC58	1-2	352291	528913	53.8	54.3	54.1	54.3	0.2	0.5
EC59	4/5	363321	526201	52.0	54.2	73.9	74.3	21.9	22.3
EC60	3	356553	529044	53.5	53.6	56.8	57.2	3.4	3.8
EC61	3	356220	529211	46.6	46.8	49.5	49.9	2.8	3.2
EC62	1-2	353036	529460	62.5	62.3	63.1	63.5	0.6	1.0
EC63	1-2	353163	529457	59.4	59.3	60.9	61.2	1.4	1.8
EC64	1-2	353100	529448	63.6	63.4	64.2	64.6	0.6	1.0

Receptor Identifier	Scheme	Easting	Northing	Noise level dB L _{Aeq} free-field (L _{Aeq,16hr})				Change, short term (With scheme 2029 - Without scheme 2029)	Change, long term (With scheme 2044 - Without scheme 2029)
				Without Scheme 2029	Scheme and local roads 2029	Without scheme 2044	Scheme and local roads 2044		
EC65	1-2	353160	529442	64.7	64.5	65.5	65.9	0.8	1.2
EC66	3	356481	528892	70.9	71.1	75.3	75.7	4.4	4.8
EC67	3	355993	528926	66.7	66.9	72.8	73.2	6.1	6.5
EC68	3	356705	529146	49.9	50.0	53.2	53.6	3.3	3.7
EC69	3	356199	528911	69.7	69.9	74.7	75.1	4.9	5.3
EC70	3	356259	528905	72.1	72.3	75.8	76.2	3.7	4.1
EC71	3	356588	529360	46.0	46.2	49.4	49.8	3.4	3.8
EC72	3	356429	528892	72.2	72.3	75.8	76.2	3.6	4.0
EC73	3	356289	528899	71.4	71.5	75.5	75.9	4.2	4.6
EC74	3	356078	529086	51.5	51.6	54.9	55.3	3.4	3.8
EC75	3	354961	529206	51.3	51.4	54.0	54.4	2.7	3.1
EC76	3	355113	529306	45.6	45.7	48.0	48.4	2.4	2.8
EC77	3	354705	529275	49.6	49.7	52.1	52.4	2.5	2.9
EC78	3	354865	529294	48.6	48.7	51.1	51.5	2.4	2.8
EC79	3	354860	529225	50.9	51.0	53.7	54.1	2.8	3.2
EC80	3	358042	528235	46.6	46.6	48.8	49.2	2.2	2.6
EC81	3	356485	529027	53.7	53.9	57.2	57.6	3.4	3.8
EC82	3	355886	529035	53.8	53.9	55.6	56.0	1.8	2.2
EC83	3	355009	528760	50.6	50.8	53.5	53.9	2.9	3.3
EC84	3	355027	529119	55.0	55.1	58.2	58.6	3.2	3.6
EC85	3	355004	529267	45.8	45.9	48.5	48.8	2.7	3.0
EC86	3	354974	529241	48.9	49.0	51.8	52.1	2.9	3.3
EC87	3	358274	528555	52.4	52.4	53.9	54.3	1.5	1.9
EC88	3	358267	528606	55.9	55.8	57.0	57.4	1.1	1.5
EC89	3	358289	528506	51.1	51.0	52.2	52.6	1.2	1.6
EC90	3	356248	529205	47.1	47.2	49.7	50.1	2.7	3.1
EC91	3	355141	528593	45.2	45.3	47.7	48.1	2.5	2.9
EC92	3	355039	528353	44.3	44.4	46.7	47.1	2.4	2.8
EC93	3	355038	528434	44.4	44.6	47.1	47.5	2.7	3.1
EC94	3	354969	528586	47.9	48.0	50.4	50.8	2.6	2.9
EC95	6	377891	514986	46.8	47.4	51.4	51.8	4.6	5.0
EC96	6	378093	515044	50.1	50.5	56.4	56.9	6.3	6.8
EC97	6	374706	516852	45.8	46.4	48.5	48.9	2.7	3.1
EC98	4/5	367542	521538	62.1	62.1	61.9	62.3	-0.3	0.2
EC99	4/5	365343	524595	44.6	45.0	50.5	50.9	5.9	6.3
EC100	3	358277	528517	51.2	51.1	52.0	52.4	0.8	1.2

Receptor Identifier	Scheme	Easting	Northing	Noise level dB L _{Aeq} free-field (L _{Aeq,16hr})				Change, short term (With scheme 2029 - Without scheme 2029)	Change, long term (With scheme 2044 - Without scheme 2029)
				Without Scheme 2029	Scheme and local roads 2029	Without scheme 2044	Scheme and local roads 2044		
EC101	6	377620	515035	49.5	50.2	54.3	54.8	4.8	5.2
EC102	6	373165	517588	49.9	49.7	53.4	53.8	3.4	3.8
EC103	6	372347	517354	50.6	50.3	53.1	53.5	2.5	3.0
EC104	4/5	365380	524324	45.9	46.2	51.7	52.2	5.9	6.3
EC105	4/5	365525	524402	44.6	45.0	49.5	49.9	4.9	5.3
EC106	4/5	365762	524107	52.0	51.8	45.5	45.9	-6.5	-6.1
EC107	9	416049	509141	44.6	44.6	48.8	49.3	4.2	4.7
EC108	9	415929	509065	45.9	45.9	51.1	51.6	5.2	5.7
EC109	4/5	365514	524366	45.0	45.3	49.8	50.2	4.8	5.2
EC110	4/5	365502	524125	42.4	42.6	47.4	47.8	5.0	5.4
EC111	4/5	361443	525934	53.9	53.6	54.4	54.6	0.5	0.7
EC112	4/5	361496	525925	58.5	58.1	59.0	59.2	0.5	0.8
EC113	4/5	361495	525908	57.4	57.1	58.0	58.2	0.5	0.8
EC114	8	407090	514161	45.4	45.5	46.8	47.3	1.4	1.9
EC115	4/5	361439	525921	53.4	53.1	54.0	54.2	0.6	0.8
EC116	8	407105	514200	45.9	46.0	46.8	47.3	0.9	1.3
EC117	4/5	365833	524064	61.9	61.6	47.5	47.9	-14.4	-14.0
EC118	4/5	365430	524169	45.0	45.3	50.5	50.9	5.5	5.9
EC119	6	377725	515024	47.6	48.3	51.6	52.0	4.0	4.4
EC120	6	377879	515047	49.1	49.6	53.7	54.1	4.6	5.0
EC121	6	377914	514962	49.6	50.2	54.0	54.4	4.4	4.8
EC122	6	377822	514985	47.3	47.9	51.4	51.8	4.1	4.5
EC123	6	377835	514955	50.1	50.7	54.1	54.5	4.0	4.4
EC124	4/5	365579	523625	46.8	47.3	61.1	61.5	14.4	14.8
EC125	3	355615	528809	55.9	56.1	58.5	58.9	2.6	2.9
EC126	Between_6-7	389727	512332	74.5	74.1	75.1	75.6	0.6	1.1
EC127	Between_6-7	389715	512294	64.9	64.6	65.6	66.1	0.6	1.1
EC128	Between_6-7	389709	512271	58.4	58.1	59.1	59.6	0.6	1.1
EC129	Between_6-7	389698	512220	55.4	55.1	56.1	56.5	0.6	1.1
EC130	Between_6-7	389643	512080	51.2	50.9	51.9	52.4	0.6	1.1
EC131	Between_6-7	389560	511840	51.4	51.1	52.1	52.6	0.6	1.1
EC132	Between_6-7	389735	512362	66.3	65.9	66.9	67.4	0.6	1.1
EC133	Between_6-7	389737	512388	61.9	61.5	62.5	63.0	0.6	1.1
EC134	Between_6-7	389743	512439	58.1	57.7	58.7	59.2	0.6	1.1
EC135	Between_6-7	389755	512586	53.4	53.0	54.0	54.5	0.6	1.1
EC136	Between_6-7	389786	512837	46.8	46.4	47.4	47.9	0.6	1.1

Receptor Identifier	Scheme	Easting	Northing	Noise level dB L _{Aeq} free-field (L _{Aeq,16hr})				Change, short term (With scheme 2029 - Without scheme 2029)	Change, long term (With scheme 2044 - Without scheme 2029)
				Without Scheme 2029	Scheme and local roads 2029	Without scheme 2044	Scheme and local roads 2044		
EC137	1-2	352670	528771	50.8	50.7	50.9	51.3	0.1	0.6
EC138	1-2	352806	529205	54.3	54.4	55.3	55.7	1.0	1.4
EC139	1-2	351755	528670	56.3	56.1	56.7	57.3	0.4	1.0
EC140	4/5	364826	525375	43.0	43.4	51.0	51.5	8.1	8.5
EC141	7	398486	513535	61.2	61.2	62.3	62.8	1.1	1.6
EC142	4/5	361584	526333	59.2	59.2	60.7	61.0	1.5	1.8
EC143	4/5	365334	523561	56.4	57.0	56.4	56.8	0.0	0.4
EC144	6	373207	517431	51.0	50.8	54.2	54.6	3.2	3.6
EC145	6	371916	517683	49.5	49.2	52.0	52.4	2.5	2.9
EC146	7	399750	513685	56.4	56.3	58.9	59.5	2.5	3.0
EC147	8	406483	513678	55.3	55.3	60.3	60.8	5.0	5.5
EC148	9	412785	510496	54.6	55.3	59.0	61.2	4.4	6.6
EC149	4/5	362921	525733	59.7	59.5	50.2	50.5	-9.5	-9.3
EC150	4/5	365125	524965	36.8	37.1	44.8	45.2	8.0	8.4
EC151	4/5	365128	524930	39.9	40.3	47.4	47.8	7.5	7.9
EC152	7	400257	513757	58.5	58.4	62.2	62.7	3.7	4.2
EC153	7	401025	513641	59.6	59.4	62.0	62.5	2.3	2.8
EC154	8	405690	513832	57.6	57.6	59.2	59.7	1.6	2.1
EC155	8	408164	513627	59.2	59.0	61.2	61.6	2.0	2.5