

Stage	Background (Vehs)		Development (Vehs)		Total (Vehs)		Background AADT %HGV		Total AADT %HGV		Noise level at 5m, dB(A) (background)	Noise level at 5m dB(A) (Total)	Change dB
	Car	HGV	Car	HGV	Car	HGV	Traffic Units	%HGV	Traffic Units	%HGV			
N22 east - Stage 1a	6903	480	160	132	7063	612	7383	6.5%	7675	8.0%	64.1	64.9	0.8
Gortanaddan Road - Stage 1a	1459	101	160	132	1619	233	1560	6.5%	1852	12.6%	57.3	60.2	2.9
Local road east of wood mill - Stage 1a	1134	79	160	132	1294	211	1213	6.5%	1505	14.0%	56.2	59.7	3.5
Local road south of wood mill - Stage 1a	284	20	160	132	444	152	304	6.5%	596	25.4%	50.3	57.8	7.5
N22 east - Stage 1b	6903	480	0	5	6903	485	7383	6.5%	7388	6.6%	64.1	64.1	0
Gortanaddan Road - Stage 1b	1459	101	0	5	1459	106	1560	6.5%	1565	6.8%	57.3	57.5	0.2
Local road east of woodmill - Stage 1b	1134	79	0	5	1134	84	1213	6.5%	1218	6.9%	56.2	56.4	0.2
Local road south of wood mill - Stage 1b	284	20	0	5	284	25	304	6.5%	309	8.2%	50.3	51	0.7
N22 east - Stage 1c	6903	480	160	23	7063	503	7383	6.5%	7566	6.7%	64.1	64.3	0.2
Gortanaddan Road - Stage 1c	1459	101	160	23	1619	124	1560	6.5%	1743	7.1%	57.3	58.1	0.8
Local road east of woodmill - Stage 1c	1134	79	160	23	1294	102	1213	6.5%	1396	7.3%	56.2	57.2	1
Local road south of wood mill - Stage 1c	284	20	160	23	444	43	304	6.5%	487	8.9%	50.3	53.2	2.9
N22 east - Stage 2 – Extended (avg.)	6903	480	160	6	7063	486	7383	6.5%	7549	6.4%	64.1	64.2	0.1
Gortanaddan Road - Stage 2 – Extended	1459	101	160	6	1619	107	1560	6.5%	1726	6.2%	57.3	57.6	0.3
Local road east of woodmill - Stage 2- Extended	1134	79	160	6	1294	85	1213	6.5%	1379	6.2%	56.2	56.7	0.5
Local road south of wood mill - Stage 2 – Extended	284	20	160	6	444	26	304	6.5%	470	5.6%	50.3	51.7	1.4
N22 east - Stage 2 – Other	6903	480	160	9	7063	489	7383	6.5%	7552	6.5%	64.1	64.2	0.1
Gortanaddan Road - Stage 2 – Other	1459	101	160	9	1619	110	1560	6.5%	1729	6.3%	57.3	57.7	0.4
Local road east of woodmill Stage 2 – Other	1134	79	160	9	1294	88	1213	6.5%	1382	6.3%	56.2	56.7	0.5
Local road south of wood mill - Stage 2 - Other	284	20	160	9	444	29	304	6.5%	473	6.1%	50.3	52	1.7

Table A11-6.1 Changes in noise level for Construction Traffic

Stage	Background (Vehs)		Development (Vehs)		Total (Vehs)		Background AADT %HGV		Total AADT %HGV		Noise level at 5m, dB(A) (background)	Noise level at 5m dB(A) (Total)	Change dB
	Car	HGV	Car	HGV	Car	HGV	Traffic Units	%HGV	Traffic Units	%HGV			
N22 east	6,903	480	6	6.0	6,909	486	7,383	6.5%	7,395	6.6%	64.1	64.1	0.0
Gortanaddan Road	1,459	101	6	6.0	1,465	107	1,560	6.5%	1,572	6.8%	57.3	57.5	0.2
Local road east of wood mill	1,134	79	6	6.0	1,140	85	1,213	6.5%	1,225	6.9%	56.2	56.5	0.3
Local road south of wood mill	284	20	6	6.0	290	26	304	6.6%	316	8.2%	50.3	51.1	0.8

Table A11-6.2 Changes in noise level for Operational Traffic

Stage	Background (Vehs)		Development (Vehs)		Total (Vehs)		Background AADT %HGV		Total AADT %HGV		Noise level at 5m, dB(A) (background)	Noise level at 5m dB(A) (Total)	Change dB
	Car	HGV	Car	HGV	Car	HGV	Traffic Units	%HGV	Traffic Units	%HGV			
N22 east - Extraction Extended Artics	6,903	480	20	6.1	6,923	486	7,383	6.5%	7,409	6.6%	64.1	64.1	0.0
Gortanaddan Road Extraction Extended Artics	1,459	101	20	6.1	1,479	107	1,560	6.5%	1,586	6.8%	57.3	57.5	0.2
Local road east of wood mill - Extraction Extended Artics	1,134	79	20	6.1	1,154	85	1,213	6.5%	1,239	6.9%	56.2	56.5	0.3
Local road south of wood mill - Extraction Extended Artics	284	20	20	6.1	304	26	304	6.6%	330	7.9%	50.3	51.2	0.9
N22 east - Extraction Standard Artics	6,903	480	20	8.7	6,923	489	7,383	6.5%	7,412	6.6%	64.1	64.1	0.0
Gortanaddan Road Extraction Standard Artics	1,459	101	20	8.7	1,479	110	1,560	6.5%	1,589	6.9%	57.3	57.6	0.3
Local road east of wood mill - Extraction Standard Artics	1,134	79	20	8.7	1,154	88	1,213	6.5%	1,242	7.1%	56.2	56.6	0.4
Local road south of wood mill - Extraction Standard Artics	284	20	20	8.7	304	29	304	6.6%	333	8.6%	50.3	51.5	1.2
N22 east - Temp works and backfill	6,903	480	20	46.8	6,923	527	7,383	6.5%	7,450	7.1%	64.1	64.4	0.3
Gortanaddan Road - Temp works and backfill	1,459	101	20	46.8	1,479	148	1,560	6.5%	1,627	9.1%	57.3	58.5	1.2
Local road east of wood mill - Temp works and backfill	1,134	79	20	46.8	1,154	126	1,213	6.5%	1,280	9.8%	56.2	57.7	1.5
Local road south of wood mill - Temp works and backfill	284	20	20	46.8	304	67	304	6.6%	371	18.0%	50.3	54.5	4.2
N22 east - Cable removal	6,903	480	20	2.4	6,923	482	7,383	6.5%	7,405	6.5%	64.1	64.1	0.0
Gortanaddan Road Cable removal	1,459	101	20	2.4	1,479	103	1,560	6.5%	1,582	6.5%	57.3	57.4	0.1

Stage	Background (Vehs)		Development (Vehs)		Total (Vehs)		Background AADT %HGV		Total AADT %HGV		Noise level at 5m, dB(A) (background)	Noise level at 5m dB(A) (Total)	Change dB
	Car	HGV	Car	HGV	Car	HGV	Traffic Units	%HGV	Traffic Units	%HGV			
Local road east of wood mill - Cable removal	1,134	79	20	2.4	1,154	81	1,213	6.5%	1,235	6.6%	56.2	56.4	0.2
Local road south of wood mill - Cable removal	284	20	20	2.4	304	22	304	6.6%	326	6.9%	50.3	50.7	0.4

Table A11-6.3 Changes in noise level for Decommissioning Traffic