

A13.7

Construction Phase modelling

Albert College Park

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
Albert Collage Park Shaft Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Albert Collage Park Shaft Excavation - Ground Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Albert Collage Park Shaft Excavation - Underground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	10	10	40	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	1	1	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	1	1	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	70	70
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	100	100
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	1	1	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	1	1	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	1	1	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	2	2	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	10	10	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
Ventilation Fan	Manufacturer Reference	68	1	1	1	100	100	100	

Albert College Park

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Albert College Park

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Site Preparation	1	1 - 6 Albert College Lawn	74	AT25	75	75	Not Significant	Not Significant
	2	7 - 12 Albert College Lawn	74	AT25	75	75	Not Significant	Not Significant
	3	13 - 16 Albert College Lawn	72	AT25	75	75	Not Significant	Not Significant
	4	2 Albert College Avenue	69	AT25	75	75	Not Significant	Not Significant
	5	Hampstead Avenue	69	AT27	65	65	Slight to Moderate	Slight to Moderate
	6	4/5 Albert Cottages	73	AT27	65	65	Not Significant	Not Significant
	7	6/7 Albert Cottages	60	AT27	65	65	Not Significant	Not Significant
	8	1-4 Hampstead Avenue	56	AT27	65	65	Slight to Moderate	Slight to Moderate
	9	5-8 Hampstead Avenue	51	AT27	65	65	Slight to Moderate	Slight to Moderate
	10	9-10 Hampstead Avenue	55	AT27	65	65	Slight to Moderate	Slight to Moderate
	11	11-14 Hampstead Avenue	56	AT27	65	65	Slight to Moderate	Slight to Moderate
	12	15-18 Hampstead Avenue	58	AT27	65	65	Slight to Moderate	Slight to Moderate
	13	114 Ballymun Road	56	UT32	70	70	Slight to Moderate	Slight to Moderate
	14	112 Ballymun Road	57	UT32	70	70	Not Significant	Not Significant
	15	Circle K	57	UT31	75	75	Not Significant	Not Significant
	16	67 Ballymun Road	56	UT31	75	75	Not Significant	Not Significant
	17	69 Ballymun Road	65	UT31	75	75	Not Significant	Not Significant
	18	71 Ballymun Road	71	UT31	75	75	Not Significant	Not Significant
	19	73-75 Ballymun Road	72	UT31	75	75	Not Significant	Not Significant
	20	77-79 Ballymun Road	71	UT31	75	75	Not Significant	Not Significant
	21	81-83 Ballymun Road	69	UT31	75	75	Not Significant	Not Significant
	22	85 Ballymun Road	70	UT31	75	75	Not Significant	Not Significant
	23	87 Ballymun Road	73	UT31	75	75	Not Significant	Not Significant
	24	89 Ballymun Road	62	UT31	75	75	Not Significant	Not Significant
	25	91 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	26	93-95 Ballymun Road	48	UT31	75	75	Not Significant	Not Significant
	27	97-99 Ballymun Road	56	UT31	75	75	Not Significant	Not Significant
	28	101-103 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	29	105-107 Ballymun Road	60	UT31	75	75	Not Significant	Not Significant
	30	109-111 Ballymun Road	56	UT31	75	75	Not Significant	Not Significant
	31	113-115 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	32	117-119 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	33	121-123 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	34	57 Ballymun Road	65	UT32	70	70	Not Significant	Not Significant
	35	55 Ballymun Road	74	UT32	70	70	Not Significant	Not Significant
Shaft Piling Works	1	1 - 6 Albert College Lawn	52	AT25	75	75	Not Significant	Not Significant
	2	7 - 12 Albert College Lawn	51	AT25	75	75	Not Significant	Not Significant
	3	13 - 16 Albert College Lawn	51	AT25	75	75	Not Significant	Not Significant
	4	2 Albert College Avenue	50	AT25	75	75	Not Significant	Not Significant
	5	Hampstead Avenue	53	AT27	65	65	Slight to Moderate	Slight to Moderate
	6	4/5 Albert Cottages	48	AT27	65	65	Not Significant	Not Significant
	7	6/7 Albert Cottages	47	AT27	65	65	Not Significant	Not Significant
	8	1-4 Hampstead Avenue	54	AT27	65	65	Slight to Moderate	Slight to Moderate
	9	5-8 Hampstead Avenue	55	AT27	65	65	Slight to Moderate	Slight to Moderate
	10	9-10 Hampstead Avenue	56	AT27	65	65	Slight to Moderate	Slight to Moderate
	11	11-14 Hampstead Avenue	58	AT27	65	65	Slight to Moderate	Slight to Moderate
	12	15-18 Hampstead Avenue	61	AT27	65	65	Slight to Moderate	Slight to Moderate
	13	114 Ballymun Road	66	UT32	70	70	Slight to Moderate	Slight to Moderate
	14	112 Ballymun Road	60	UT32	70	70	Not Significant	Not Significant
	15	Circle K	61	UT31	75	75	Not Significant	Not Significant
	16	67 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	17	69 Ballymun Road	64	UT31	75	75	Not Significant	Not Significant
	18	71 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	19	73-75 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	20	77-79 Ballymun Road	62	UT31	75	75	Not Significant	Not Significant
	21	81-83 Ballymun Road	61	UT31	75	75	Not Significant	Not Significant
	22	85 Ballymun Road	60	UT31	75	75	Not Significant	Not Significant
	23	87 Ballymun Road	59	UT31	75	75	Not Significant	Not Significant
	24	89 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	25	91 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	26	93-95 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	27	97-99 Ballymun Road	56	UT31	75	75	Not Significant	Not Significant
	28	101-103 Ballymun Road	55	UT31	75	75	Not Significant	Not Significant
	29	105-107 Ballymun Road	54	UT31	75	75	Not Significant	Not Significant
	30	109-111 Ballymun Road	53	UT31	75	75	Not Significant	Not Significant
	31	113-115 Ballymun Road	53	UT31	75	75	Not Significant	Not Significant
	32	117-119 Ballymun Road	52	UT31	75	75	Not Significant	Not Significant
	33	121-123 Ballymun Road	52	UT31	75	75	Not Significant	Not Significant
	34	57 Ballymun Road	58	UT32	70	70	Not Significant	Not Significant
	35	55 Ballymun Road	56	UT32	70	70	Not Significant	Not Significant

Albert College Park

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Shaft Excavation Above ground	1	1 - 6 Albert College Lawn	58	AT25	75	75	Not Significant	Not Significant
	2	7 - 12 Albert College Lawn	58	AT25	75	75	Not Significant	Not Significant
	3	13 - 16 Albert College Lawn	57	AT25	75	75	Not Significant	Not Significant
	4	2 Albert College Avenue	57	AT25	75	75	Not Significant	Not Significant
	5	Hampstead Avenue	60	AT27	65	65	Slight to Moderate	Slight to Moderate
	6	4/5 Albert Cottages	54	AT27	65	65	Slight to Moderate	Slight to Moderate
	7	6/7 Albert Cottages	54	AT27	65	65	Slight to Moderate	Slight to Moderate
	8	1-4 Hampstead Avenue	60	AT27	65	65	Slight to Moderate	Slight to Moderate
	9	5-8 Hampstead Avenue	62	AT27	65	65	Slight to Moderate	Slight to Moderate
	10	9-10 Hampstead Avenue	63	AT27	65	65	Slight to Moderate	Slight to Moderate
	11	11-14 Hampstead Avenue	64	AT27	65	65	Slight to Moderate	Slight to Moderate
	12	15-18 Hampstead Avenue	67	AT27	65	65	Moderate to Significant	Moderate to Significant
	13	114 Ballymun Road	71	UT32	70	70	Moderate to Significant	Moderate to Significant
	14	112 Ballymun Road	66	UT32	70	70	Slight to Moderate	Slight to Moderate
	15	Clircle K	68	UT31	75	75	Not Significant	Not Significant
	16	67 Ballymun Road	70	UT31	75	75	Not Significant	Not Significant
	17	69 Ballymun Road	70	UT31	75	75	Not Significant	Not Significant
	18	71 Ballymun Road	70	UT31	75	75	Not Significant	Not Significant
	19	73-75 Ballymun Road	70	UT31	75	75	Not Significant	Not Significant
	20	77-79 Ballymun Road	68	UT31	75	75	Not Significant	Not Significant
	21	81-83 Ballymun Road	67	UT31	75	75	Not Significant	Not Significant
	22	85 Ballymun Road	66	UT31	75	75	Not Significant	Not Significant
	23	87 Ballymun Road	65	UT31	75	75	Not Significant	Not Significant
	24	89 Ballymun Road	65	UT31	75	75	Not Significant	Not Significant
	25	91 Ballymun Road	64	UT31	75	75	Not Significant	Not Significant
	26	93-95 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	27	97-99 Ballymun Road	62	UT31	75	75	Not Significant	Not Significant
	28	101-103 Ballymun Road	61	UT31	75	75	Not Significant	Not Significant
	29	105-107 Ballymun Road	61	UT31	75	75	Not Significant	Not Significant
	30	109-111 Ballymun Road	60	UT31	75	75	Not Significant	Not Significant
	31	113-115 Ballymun Road	59	UT31	75	75	Not Significant	Not Significant
	32	117-119 Ballymun Road	59	UT31	75	75	Not Significant	Not Significant
	33	121-123 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	34	57 Ballymun Road	65	UT32	70	70	Slight to Moderate	Slight to Moderate
	35	55 Ballymun Road	62	UT32	70	70	Not Significant	Not Significant
Shaft Excavation Below Ground	1	1 - 6 Albert College Lawn	52	AT25	75	75	Not Significant	Not Significant
	2	7 - 12 Albert College Lawn	51	AT25	75	75	Not Significant	Not Significant
	3	13 - 16 Albert College Lawn	51	AT25	75	75	Not Significant	Not Significant
	4	2 Albert College Avenue	50	AT25	75	75	Not Significant	Not Significant
	5	Hampstead Avenue	53	AT27	65	65	Slight to Moderate	Slight to Moderate
	6	4/5 Albert Cottages	48	AT27	65	65	Not Significant	Not Significant
	7	6/7 Albert Cottages	47	AT27	65	65	Not Significant	Not Significant
	8	1-4 Hampstead Avenue	54	AT27	65	65	Slight to Moderate	Slight to Moderate
	9	5-8 Hampstead Avenue	55	AT27	65	65	Slight to Moderate	Slight to Moderate
	10	9-10 Hampstead Avenue	56	AT27	65	65	Slight to Moderate	Slight to Moderate
	11	11-14 Hampstead Avenue	58	AT27	65	65	Slight to Moderate	Slight to Moderate
	12	15-18 Hampstead Avenue	61	AT27	65	65	Slight to Moderate	Slight to Moderate
	13	114 Ballymun Road	66	UT32	70	70	Slight to Moderate	Slight to Moderate
	14	112 Ballymun Road	60	UT32	70	70	Not Significant	Not Significant
	15	Clircle K	61	UT31	75	75	Not Significant	Not Significant
	16	67 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	17	69 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	18	71 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	19	73-75 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	20	77-79 Ballymun Road	62	UT31	75	75	Not Significant	Not Significant
	21	81-83 Ballymun Road	61	UT31	75	75	Not Significant	Not Significant
	22	85 Ballymun Road	60	UT31	75	75	Not Significant	Not Significant
	23	87 Ballymun Road	59	UT31	75	75	Not Significant	Not Significant
	24	89 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	25	91 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	26	93-95 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	27	97-99 Ballymun Road	56	UT31	75	75	Not Significant	Not Significant
	28	101-103 Ballymun Road	55	UT31	75	75	Not Significant	Not Significant
	29	105-107 Ballymun Road	54	UT31	75	75	Not Significant	Not Significant
	30	109-111 Ballymun Road	53	UT31	75	75	Not Significant	Not Significant
	31	113-115 Ballymun Road	53	UT31	75	75	Not Significant	Not Significant
	32	117-119 Ballymun Road	52	UT31	75	75	Not Significant	Not Significant
	33	121-123 Ballymun Road	52	UT31	75	75	Not Significant	Not Significant
	34	57 Ballymun Road	59	UT32	70	70	Not Significant	Not Significant
	35	55 Ballymun Road	56	UT32	70	70	Not Significant	Not Significant

Albert College Park

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Finishing works	1	1 - 6 Albert College Lawn	52	AT25	75	75	Not Significant	Not Significant
	2	7 - 12 Albert College Lawn	51	AT25	75	75	Not Significant	Not Significant
	3	13 - 16 Albert College Lawn	51	AT25	75	75	Not Significant	Not Significant
	4	2 Albert College Avenue	50	AT25	75	75	Not Significant	Not Significant
	5	Hampstead Avenue	53	AT27	65	65	Not Significant	Not Significant
	6	4/5 Albert Cottages	48	AT27	65	65	Not Significant	Not Significant
	7	6/7 Albert Cottages	47	AT27	65	65	Not Significant	Not Significant
	8	1-4 Hampstead Avenue	54	AT27	65	65	Not Significant	Not Significant
	9	5-8 Hampstead Avenue	55	AT27	65	65	Not Significant	Not Significant
	10	9-10 Hampstead Avenue	56	AT27	65	65	Not Significant	Not Significant
	11	11-14 Hampstead Avenue	58	AT27	65	65	Not Significant	Not Significant
	12	15-18 Hampstead Avenue	61	AT27	65	65	Not Significant	Not Significant
	13	114 Ballymun Road	66	UT32	70	70	Not Significant	Not Significant
	14	112 Ballymun Road	60	UT32	70	70	Not Significant	Not Significant
	15	Clircle K	61	UT31	75	75	Not Significant	Not Significant
	16	67 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	17	69 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	18	71 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	19	73-75 Ballymun Road	63	UT31	75	75	Not Significant	Not Significant
	20	77-79 Ballymun Road	62	UT31	75	75	Not Significant	Not Significant
	21	81-83 Ballymun Road	61	UT31	75	75	Not Significant	Not Significant
	22	85 Ballymun Road	60	UT31	75	75	Not Significant	Not Significant
	23	87 Ballymun Road	59	UT31	75	75	Not Significant	Not Significant
	24	89 Ballymun Road	58	UT31	75	75	Not Significant	Not Significant
	25	91 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	26	93-95 Ballymun Road	57	UT31	75	75	Not Significant	Not Significant
	27	97-99 Ballymun Road	56	UT31	75	75	Not Significant	Not Significant
	28	101-103 Ballymun Road	55	UT31	75	75	Not Significant	Not Significant
	29	105-107 Ballymun Road	54	UT31	75	75	Not Significant	Not Significant
	30	109-111 Ballymun Road	53	UT31	75	75	Not Significant	Not Significant
	31	113-115 Ballymun Road	53	UT31	75	75	Not Significant	Not Significant
	32	117-119 Ballymun Road	52	UT31	75	75	Not Significant	Not Significant
	33	121-123 Ballymun Road	52	UT31	75	75	Not Significant	Not Significant
	34	57 Ballymun Road	59	UT32	70	70	Not Significant	Not Significant
	35	55 Ballymun Road	56	UT32	70	70	Not Significant	Not Significant

Ballymun Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
Ballymun Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Ballymun Station Works Excavation - Gound Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0

Ballymun Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Ballymun Station Works Excavation - Underground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0	
Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
4 Wheel Platform (Underground)	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	

Ballymun Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Shangan Road	74	UT26	75	74	Slight to Moderate	Slight to Moderate
	2	Ballymun Road	74	UT26	75	74	Slight to Moderate	Slight to Moderate
	3	22 - 33 Ballymun Road	72	UT26	75	74	Not Significant	Not Significant
	4	Travel Lodge Shangan Road	69	UT26	75	74	Not Significant	Not Significant
	5	The Civic Centre (Commercial)	69	UT26	75	74	Not Significant	Not Significant
	6	Residential	73	UT26	75	74	Slight to Moderate	Slight to Moderate
	7	11 - 15 Wad River Close (Residential)	60	UT25	65	60	Not Significant	Slight to Moderate
	8	1 Wad River Close (Residential)	56	UT25	65	60	Not Significant	Slight to Moderate
	9	50 - 54 Gateway Crescent (Residential)	51	UT25	65	60	Not Significant	Not Significant
	10	Holy Spirit National School	55	UT25	65	60	Not Significant	Slight to Moderate
	11	Church	56	UT25	65	60	Not Significant	Slight to Moderate
	12	Ballymun Regional Youth Resource	58	UT25	65	60	Not Significant	Slight to Moderate
	13	1 - 8 Ard Na Meala (Residential)	56	UT25	65	60	Not Significant	Slight to Moderate
	14	8A Ard Na Meala (Residential)	57	UT25	65	60	Not Significant	Slight to Moderate
	15	61 Ard Na Meala (Residential)	57	UT25	65	60	Not Significant	Slight to Moderate
	16	13 - 18 Balcurris Gardens (Residential)	56	UT25	65	60	Not Significant	Slight to Moderate
	17	Ballymun Youth Action Project	65	UT25	75	-	Not Significant	Not Significant
Ballymun Station Piling Works	1	Shangan Road	71	UT26	75	75	Slight to Moderate	Not Significant
	2	Ballymun Road	72	UT26	75	75	Slight to Moderate	Not Significant
	3	22 - 33 Ballymun Road	71	UT26	75	75	Not Significant	Not Significant
	4	Travel Lodge Shangan Road	69	UT26	75	75	Not Significant	Not Significant
	5	The Civic Centre (Commercial)	70	UT26	75	75	Not Significant	Not Significant
	6	Residential	73	UT26	75	75	Slight to Moderate	Not Significant
	7	11 - 15 Wad River Close (Residential)	62	UT25	65	65	Not Significant	Not Significant
	8	1 Wad River Close (Residential)	57	UT25	65	65	Not Significant	Not Significant
	9	50 - 54 Gateway Crescent (Residential)	48	UT25	65	65	Not Significant	Not Significant
	10	Holy Spirit National School	56	UT25	65	65	Not Significant	Not Significant
	11	Church	58	UT25	65	65	Not Significant	Not Significant
	12	Ballymun Regional Youth Resource	60	UT25	65	65	Not Significant	Not Significant
	13	1 - 8 Ard Na Meala (Residential)	56	UT25	65	65	Not Significant	Not Significant
	14	8A Ard Na Meala (Residential)	58	UT25	65	65	Not Significant	Not Significant
	15	61 Ard Na Meala (Residential)	58	UT25	65	65	Not Significant	Not Significant
	16	13 - 18 Balcurris Gardens (Residential)	58	UT25	65	65	Not Significant	Not Significant
	17	Ballymun Youth Action Project	65	UT25	75	75	Not Significant	Not Significant
Ballymun Station Works Excavation - Gound Level	1	Shangan Road	74	UT26	75	75	Slight to Moderate	Not Significant
	2	Ballymun Road	74	UT26	75	75	Slight to Moderate	Not Significant
	3	22 - 33 Ballymun Road	74	UT26	75	75	Not Significant	Not Significant
	4	Travel Lodge Shangan Road	72	UT26	75	75	Not Significant	Not Significant
	5	The Civic Centre (Commercial)	73	UT26	75	75	Not Significant	Not Significant
	6	Residential	74	UT26	75	75	Slight to Moderate	Not Significant
	7	11 - 15 Wad River Close (Residential)	63	UT25	65	65	Not Significant	Not Significant
	8	1 Wad River Close (Residential)	59	UT25	65	65	Not Significant	Not Significant
	9	50 - 54 Gateway Crescent (Residential)	53	UT25	65	65	Not Significant	Not Significant
	10	Holy Spirit National School	59	UT25	65	65	Not Significant	Not Significant
	11	Church	60	UT25	65	65	Not Significant	Not Significant
	12	Ballymun Regional Youth Resource	62	UT25	65	65	Not Significant	Not Significant
	13	1 - 8 Ard Na Meala (Residential)	58	UT25	65	65	Not Significant	Not Significant
	14	8A Ard Na Meala (Residential)	60	UT25	65	65	Not Significant	Not Significant
	15	61 Ard Na Meala (Residential)	61	UT25	65	65	Not Significant	Not Significant
	16	13 - 18 Balcurris Gardens (Residential)	60	UT25	65	65	Not Significant	Not Significant
	17	Ballymun Youth Action Project	67	UT25	75	75	Not Significant	Not Significant
Ballymun Station Works Excavation - Underground	1	Shangan Road	72	UT26	75	75	Slight to Moderate	Not Significant
	2	Ballymun Road	71	UT26	75	75	Slight to Moderate	Not Significant
	3	22 - 33 Ballymun Road	69	UT26	75	75	Not Significant	Not Significant
	4	Travel Lodge Shangan Road	67	UT26	75	75	Not Significant	Not Significant
	5	The Civic Centre (Commercial)	68	UT26	75	75	Not Significant	Not Significant
	6	Residential	71	UT26	75	75	Slight to Moderate	Not Significant
	7	11 - 15 Wad River Close (Residential)	59	UT25	65	65	Not Significant	Not Significant
	8	1 Wad River Close (Residential)	56	UT25	65	65	Not Significant	Not Significant
	9	50 - 54 Gateway Crescent (Residential)	53	UT25	65	65	Not Significant	Not Significant
	10	Holy Spirit National School	55	UT25	65	65	Not Significant	Not Significant
	11	Church	56	UT25	65	65	Not Significant	Not Significant
	12	Ballymun Regional Youth Resource	58	UT25	65	65	Not Significant	Not Significant
	13	1 - 8 Ard Na Meala (Residential)	54	UT25	65	65	Not Significant	Not Significant
	14	8A Ard Na Meala (Residential)	56	UT25	65	65	Not Significant	Not Significant
	15	61 Ard Na Meala (Residential)	56	UT25	65	65	Not Significant	Not Significant
	16	13 - 18 Balcurris Gardens (Residential)	56	UT25	65	65	Not Significant	Not Significant
	17	Ballymun Youth Action Project	63	UT25	75	75	Not Significant	Not Significant

Ballymun Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Finishing & Fit-Out Works	1	Shangan Road	69	UT26	75	75	Slight to Moderate	Not Significant
	2	Ballymun Road	69	UT26	75	75	Slight to Moderate	Not Significant
	3	22 - 33 Ballymun Road	66	UT26	75	75	Not Significant	Not Significant
	4	Travel Lodge Shangan Road	64	UT26	75	75	Not Significant	Not Significant
	5	The Civic Centre (Commercial)	65	UT26	75	75	Not Significant	Not Significant
	6	Residential	69	UT26	75	75	Slight to Moderate	Not Significant
	7	11 - 15 Wad River Close (Residential)	55	UT25	65	65	Not Significant	Not Significant
	8	1 Wad River Close (Residential)	52	UT25	65	65	Not Significant	Not Significant
	9	50 - 54 Gateway Crescent (Residential)	49	UT25	65	65	Not Significant	Not Significant
	10	Holy Spirit National School	51	UT25	65	65	Not Significant	Not Significant
	11	Church	51	UT25	65	65	Not Significant	Not Significant
	12	Ballymun Regional Youth Resource	54	UT25	65	65	Not Significant	Not Significant
	13	1 - 8 Ard Na Meala (Residential)	50	UT25	65	65	Not Significant	Not Significant
	14	8A Ard Na Meala (Residential)	52	UT25	65	65	Not Significant	Not Significant
	15	61 Ard Na Meala (Residential)	52	UT25	65	65	Not Significant	Not Significant
	16	13 - 18 Balcurris Gardens (Residential)	51	UT25	65	65	Not Significant	Not Significant
	17	Ballymun Youth Action Project	60	UT25	75	75	Not Significant	Not Significant

Broadmeadow Viaduct

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Site Prep	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	1	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	15	0	0
	Large Roller	BS 5228-1:2009 Table C.5:19	80	1	0	0	30	0	0
	Flat Bed	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
Site Operation	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
Piling	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	10	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	2	0	0	20	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Tracked Mobile 150T	BS 5228-1:2009 Table C.3:29	70	1	0	0	30	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	15	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	360 Excavator 15t	BS 5228-1:2009 Table C.2:24	73	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	40	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
Abutment Construction	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	2	0	0	10	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	10	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	30	0	0
	360 Excavator (20T)	BS 5228-1:2009 Table C.2:21	71	1	0	0	30	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	1	0	0	30	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
Pier Construction	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
	Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	30	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	3	0	0	10	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	3	0	0	10	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	3	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
	Deck Construction	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0
Tracked Mobile 600T		BS 5228-1:2009 Table C.4:50	71	1	0	0	25	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
Scaffolding		BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
360 Excavator with Breaker		BS 5228-1:2009 Table C.1:2	92	3	0	0	10	0	0
Circular Saw		BS 5228-1:2009 Table C.4:73	84	3	0	0	10	0	0
Compaction of concrete		BS 5228-1:2009 Table C.4:33	78	3	0	0	20	0	0
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
Finishing Works	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	20	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Forklift	BS 5228-1:2009 Table C.2:35	71	1	0	0	30	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	2	0	0	10	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Mobile 25T	BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Asphalt Spreader	BS 5228-1:2009 Table C.5:30	75	1	0	0	20	0	0
	Asphalt paver	BS 5228-1:2009 Table C.5:32	84	1	0	0	20	0	0
	Vibratory Compactor (Asphalt)	BS 5228-1:2009 Table C.5:29	82	1	0	0	20	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	

Broadmeadow Viaduct

Activity	Receptor		Predicted CNL dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Site Prep	1	Property Ennis Rd	42	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	50	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	46	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	45	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	50	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	53	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	60	AT2	75	75	Not Significant	Not Significant
	8	Montessori	61	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	57	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	52	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	32	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	47	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	46	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	46	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	33	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	47	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Hc	45	UT3	75	75	Not Significant	Not Significant
Site Operation	1	Property Ennis Rd	35	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	43	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	39	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	39	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	44	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	47	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	53	AT2	75	75	Not Significant	Not Significant
	8	Montessori	54	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	50	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	45	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	24	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	40	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	39	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	39	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	26	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	40	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Hc	38	UT3	75	75	Not Significant	Not Significant
Piling	1	Property Ennis Rd	43	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	51	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	47	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	46	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	51	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	54	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	61	AT2	75	75	Not Significant	Not Significant
	8	Montessori	62	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	58	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	53	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	32	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	48	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	46	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	47	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	34	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	47	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Hc	46	UT3	75	75	Not Significant	Not Significant
Abutment Construction	1	Property Ennis Rd	46	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	53	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	49	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	48	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	54	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	57	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	64	AT2	75	75	Not Significant	Not Significant
	8	Montessori	65	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	60	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	55	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	33	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	51	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	49	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	49	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	35	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	50	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Hc	48	UT3	75	75	Not Significant	Not Significant
Pier Construction	1	Property Ennis Rd	47	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	55	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	50	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	50	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	55	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	58	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	65	AT2	75	75	Not Significant	Not Significant
	8	Montessori	66	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	62	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	56	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	34	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	52	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	50	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	51	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	36	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	51	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Hc	50	UT3	75	75	Not Significant	Not Significant

Broadmeadow Viaduct

Activity	Receptor		Predicted CNL dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Deck Construction	1	Property Ennis Rd	47	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	55	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	51	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	50	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	55	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	58	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	65	AT2	75	75	Not Significant	Not Significant
	8	Montessori	66	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	62	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	56	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	34	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	52	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	50	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	51	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	36	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	51	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Ho	50	UT3	75	75	Not Significant	Not Significant
Finishing Works	1	Property Ennis Rd	45	UT2	65	70	Not Significant	Not Significant
	2	Emmaus Retreat	53	UT2	65	70	Not Significant	Not Significant
	3	R132 Farm	49	UT1	75	75	Not Significant	Not Significant
	4	Lissenhall Vet	48	UT1	75	75	Not Significant	Not Significant
	5	Eve Estuary Centre	54	AT1	75	75	Not Significant	Not Significant
	6	Swords Food Park	57	AT1	75	75	Not Significant	Not Significant
	7	Bostik Industrial Park	63	AT2	75	75	Not Significant	Not Significant
	8	Montessori	65	UT3	75	75	Not Significant	Not Significant
	9	Balheary Rd Business Ca	60	AT2	75	75	Not Significant	Not Significant
	10	GAA Clubhouse	55	AT2	75	75	Not Significant	Not Significant
	11	Swords Boxing Club	33	AT2	75	75	Not Significant	Not Significant
	12	National Learning Netw	51	UT3	75	75	Not Significant	Not Significant
	13	Newcourt Estate	48	UT3	75	75	Not Significant	Not Significant
	14	Castlegrange Hill Estate	49	UT3	75	75	Not Significant	Not Significant
	15	The Crescent	35	UT3	75	75	Not Significant	Not Significant
	16	5 Seatown West	50	UT3	75	75	Not Significant	Not Significant
	17	Fingal House Nursing Ho	48	UT3	75	75	Not Significant	Not Significant

Charlemont Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
	Station Piling Works North	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Bentonite Plant		BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
Pile Boring Rig (Contig/Secant)		BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
D-wall Hydroraise		Manufacturer Reference	84	2	0	0	40	0	0	
D-Wall Rig		Manufacturer Reference	84	1	0	0	40	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Station Piling Works South		HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydroraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	

Charlemont Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
South Station Works Excavation - Ground Level (includes batching plant)	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	South Station Works Excavation - Underground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
		Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
		Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
		General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t) (Underground)		BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0	
FLEXIROC T30 Drill rig		BS 5228-1:2009 Table C.9:3	91 (-10)	1	0	0	30	0	0	
FlexiROC T15 Drill rig		Manufacturer Reference	91 (-10)	1	0	0	10	0	0	
Jumbo		Manufacturer Reference	91 (-10)	1	0	0	30	0	0	
Drum cutter		Manufacturer Reference	84 (-10)	1	0	0	30	0	0	
General Site Loader (underground)		BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0	
Breaker mounted on Excavator (underground)		BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
4 Wheel Platform (underground)		BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0	
360 Excavator (underground)		BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	

Charlemont Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0	
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	1	0	0	30	0	0	
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	1	0	0	10	0	0	
	Jumbo	Manufacturer Reference	91 (-10)	1	0	0	30	0	0	
	Drum cutter	Manufacturer Reference	84 (-10)	1	0	0	30	0	0	
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0	
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0	
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
	Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
		Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
		HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
Medium Roller		BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0	
Grader		BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0	
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	11 Harcourt Terrace	67	UTS1	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	60	UTS2	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	58	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	56	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	54	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	42	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	48	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	49	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	43	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	54	UTS2	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	58	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wall	46	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wall	41	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	52	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	50	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	48	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	47	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	75	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	81	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	81	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	68 Dartmouth Sq	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	31	66 Dartmouth Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	32	64 Dartmouth Sq	60	UTS2	65	65	Not Significant	Slight to Moderate
	33	62 Dartmouth Sq	59	UTS2	65	65	Not Significant	Slight to Moderate
	34	11 Cambridge Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	75	UTS1	70	70	Moderate to Significant	Moderate to Significant
	42	30 Dartmouth Rd	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	43	29 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	44	26 Dartmouth Rd	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	45	27 Dartmouth Rd	73	UTS1	70	70	Moderate to Significant	Moderate to Significant
	46	28 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	47	8 Dartmouth Pl	57	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	56	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	50	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	49	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	47	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	44	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	61	UTS2	65	65	Not Significant	Slight to Moderate
	57	Hilton Hotel	62	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	65	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	67	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	81	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	83	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	53	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	58	UTS2	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Station Piling Works North	1	11 Harcourt Terrace	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	2	8 Charlemont Terrace	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	3	6 Charlemont Terrace	60	UTS2	65	65	Not Significant	Slight to Moderate
	4	4 Charlemont Terrace	58	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	57	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	44	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	46	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	51	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	54	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	50	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	44	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	48	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	59	UTS2	65	65	Not Significant	Slight to Moderate
	14	55 Charlemont Pl (Zend	63	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wall	55	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wall	49	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	54	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	53	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	52	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
	22	3 Dartmouth Sq	71	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	83	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	84	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	84	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	84	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	68 Dartmouth Sq	49	UTS2	65	65	Not Significant	Not Significant
	31	66 Dartmouth Sq	48	UTS2	65	65	Not Significant	Not Significant
	32	64 Dartmouth Sq	47	UTS2	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	46	UTS2	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	35	10 Cambridge Sq	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Sq	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	68	UTS1	70	70	Slight to Moderate	Slight to Moderate
	40	32-33 Dartmouth Rd	66	UTS1	70	70	Slight to Moderate	Slight to Moderate
	41	31 Dartmouth Rd	46	UTS1	70	70	Not Significant	Not Significant
	42	30 Dartmouth Rd	46	UTS1	70	70	Not Significant	Not Significant
	43	29 Dartmouth Rd	39	UTS1	70	70	Not Significant	Not Significant
	44	26 Dartmouth Rd	41	UTS1	70	70	Not Significant	Not Significant
	45	27 Dartmouth Rd	40	UTS1	70	70	Not Significant	Not Significant
	46	28 Dartmouth Rd	40	UTS1	70	70	Not Significant	Not Significant
	47	8 Dartmouth Pl	42	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	41	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	40	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	41	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	42	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	42	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	42	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	57	Hilton Hotel	65	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	71	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	72	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	89	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	46	UTS1	70	70	Not Significant	Not Significant
	62	Hines Building (East)	85	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	58	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	64	UTS2	65	65	Slight to Moderate	Slight to Moderate

Charlemont Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Station Piling Works South	1	11 Harcourt Terrace	67	UTS1	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	59	UTS2	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	57	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	55	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	54	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	40	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	41	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	45	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	45	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	45	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	44	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	59	UTS2	65	65	Not Significant	Slight to Moderate
	14	55 Charlemont Pl (Zend	63	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wall	57	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wall	51	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	56	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	54	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	27	13 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	28	15 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	29	17 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	30	68 Dartmouth Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	31	66 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	32	64 Dartmouth Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	33	62 Dartmouth Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	34	11 Cambridge Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	37	5 Cambridge Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	38	3 Cambridge Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	83	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	82	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	42	30 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	43	29 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	44	26 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	45	27 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	46	28 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	47	8 Dartmouth Pl	60	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	60	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	55	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	51	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	49	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	47	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	46	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	57	Hilton Hotel	65	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	69	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	68	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	68	UTS1	75	75	Not Significant	Not Significant
	61	Hines Building (South)	83	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	49	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	61	UTS2	65	65	Not Significant	Slight to Moderate

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
South Station Works Excavation - Gound Level (includes batching plant)	1	11 Harcourt Terrace	73	UTS1	70	70	Moderate to Significant	Moderate to Significant
	2	8 Charlemont Terrace	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	3	6 Charlemont Terrace	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	4	4 Charlemont Terrace	62	UTS2	65	65	Not Significant	Slight to Moderate
	5	2 Charlemont Terrace	60	UTS2	65	65	Not Significant	Slight to Moderate
	6	17 Harcourt Terrace	47	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	49	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	52	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	56	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	53	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	49	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	51	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	59	UTS2	65	65	Not Significant	Slight to Moderate
	14	55 Charlemont Pl (Zend	64	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wall	51	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wall	47	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	57	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	56	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	54	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	53	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	82	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	82	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	85	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	86	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	86	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	86	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	68 Dartmouth Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	31	66 Dartmouth Sq	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
	32	64 Dartmouth Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	33	62 Dartmouth Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	34	11 Cambridge Sq	82	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	37	5 Cambridge Sq	71	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	38	3 Cambridge Sq	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
	39	34 Dartmouth Rd	85	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	84	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	80	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	42	30 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	43	29 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	44	26 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	45	27 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	46	28 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	47	8 Dartmouth Pl	63	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	63	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	58	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	55	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	53	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	51	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	50	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	49	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	48	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	57	Hilton Hotel	67	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	72	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	73	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	92	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	86	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	87	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	61	UTS2	65	65	Not Significant	Slight to Moderate
	64	15 Harcourt Terrace	64	UTS2	65	65	Slight to Moderate	Slight to Moderate

Charlemont Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
South Station Works Excavation - Underground	1	11 Harcourt Terrace	67	UTS1	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	59	UTS2	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	58	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	57	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	56	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	42	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	47	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	50	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	44	UTS2	70	70	Not Significant	Not Significant
	12	St Ninian's Church	46	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	53	UTS2	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	58	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wall	47	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wall	42	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	53	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	52	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	50	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	49	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	68 Dartmouth Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	31	66 Dartmouth Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	32	64 Dartmouth Sq	62	UTS2	65	65	Not Significant	Slight to Moderate
	33	62 Dartmouth Sq	60	UTS2	65	65	Not Significant	Slight to Moderate
	34	11 Cambridge Sq	78	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	80	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	42	30 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	43	29 Dartmouth Rd	76	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	44	26 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	45	27 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	46	28 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	47	8 Dartmouth Pl	58	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	57	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	53	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	50	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	48	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	47	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	46	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	46	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	60	UTS2	65	65	Not Significant	Slight to Moderate
	57	Hilton Hotel	60	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	66	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	68	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	85	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	81	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	55	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	58	UTS2	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Finishing & Fit-Out Works	1	11 Harcourt Terrace	62	UTS1	70	70	Not Significant	Not Significant
	2	8 Charlemont Terrace	55	UTS2	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	53	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	51	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	49	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	37	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	39	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	43	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	43	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	42	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	38	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	40	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	49	UTS2	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	54	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wall	41	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wall	36	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	47	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	45	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	43	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	42	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	71	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	23	5 Dartmouth Sq	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
	24	7 Dartmouth Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	25	9 Dartmouth Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	68 Dartmouth Sq	62	UTS2	65	65	Not Significant	Slight to Moderate
	31	66 Dartmouth Sq	59	UTS2	65	65	Not Significant	Slight to Moderate
	32	64 Dartmouth Sq	56	UTS2	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	37	5 Cambridge Sq	60	UTS2	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Sq	58	UTS2	65	65	Not Significant	Not Significant
	39	34 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	40	32-33 Dartmouth Rd	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	41	31 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	42	30 Dartmouth Rd	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	43	29 Dartmouth Rd	69	UTS1	70	70	Slight to Moderate	Slight to Moderate
	44	26 Dartmouth Rd	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	45	27 Dartmouth Rd	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	46	28 Dartmouth Rd	70	UTS1	70	70	Slight to Moderate	Slight to Moderate
	47	8 Dartmouth Pl	52	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	51	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	45	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	44	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	43	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	40	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	40	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	39	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	38	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	57	UTS2	65	65	Not Significant	Not Significant
	57	Hilton Hotel	57	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	60	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	62	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	76	UTS1	75	75	Moderate to Significant	Moderate to Significant
	61	Hines Building (South)	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	62	Hines Building (East)	78	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	48	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	53	UTS2	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	11 Harcourt Terrace	57	UT51	70	70	Not Significant	Not Significant
	2	8 Charlemont Terrace	51	UT52	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	49	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	47	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	46	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	36	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	38	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	39	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	39	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	40	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	37	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	38	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	45	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	48	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	41	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	37	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	46	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	44	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	43	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	42	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	22	3 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	23	5 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	24	7 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	25	9 Dartmouth Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	26	11 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	27	13 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	28	15 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	29	17 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	30	68 Dartmouth Sq	56	UT52	65	65	Not Significant	Not Significant
	31	66 Dartmouth Sq	54	UT52	65	65	Not Significant	Not Significant
	32	64 Dartmouth Sq	52	UT52	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	51	UT52	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	72	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	36	7 Cambridge Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	37	5 Cambridge Sq	55	UT52	65	65	Not Significant	Not Significant
	38	3 Cambridge Sq	54	UT52	65	65	Not Significant	Not Significant
	39	34 Dartmouth Rd	64	UT51	70	70	Not Significant	Slight to Moderate
	40	32-33 Dartmouth Rd	64	UT51	70	70	Not Significant	Slight to Moderate
	41	31 Dartmouth Rd	63	UT51	70	70	Not Significant	Not Significant
	42	30 Dartmouth Rd	62	UT51	70	70	Not Significant	Not Significant
	43	29 Dartmouth Rd	61	UT51	70	70	Not Significant	Not Significant
	44	26 Dartmouth Rd	62	UT51	70	70	Not Significant	Not Significant
	45	27 Dartmouth Rd	62	UT51	70	70	Not Significant	Not Significant
	46	28 Dartmouth Rd	61	UT51	70	70	Not Significant	Not Significant
	47	8 Dartmouth Pl	51	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	51	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	47	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth P	45	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crech	43	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	41	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	40	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	40	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	39	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	52	UT52	65	65	Not Significant	Not Significant
	57	Hilton Hotel	53	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Office	56	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Offi	60	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	76	UT51	75	75	Moderate to Significant	Moderate to Significant
	61	Hines Building (South)	74	UT51	70	70	Moderate to Significant	Moderate to Significant
	62	Hines Building (East)	78	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	46	UT52	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	48	UT52	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Station Piling Works North	1	11 Harcourt Terrace	65	UT51	70	70	Not Significant	Slight to Moderate
	2	8 Charlemont Terrace	58	UT52	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	56	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	54	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	53	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	43	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	46	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	49	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	42	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	54	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	59	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	50	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	45	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	52	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	51	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	49	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	48	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	59	UT52	65	65	Slight to Moderate	Slight to Moderate
	22	3 Dartmouth Sq	60	UT52	65	65	Slight to Moderate	Slight to Moderate
	23	5 Dartmouth Sq	61	UT52	65	65	Slight to Moderate	Slight to Moderate
	24	7 Dartmouth Sq	63	UT52	65	65	Not Significant	Slight to Moderate
	25	9 Dartmouth Sq	65	UT52	65	65	Not Significant	Slight to Moderate
	26	11 Dartmouth Sq	67	UT52	65	65	Not Significant	Slight to Moderate
	27	13 Dartmouth Sq	68	UT52	65	65	Not Significant	Not Significant
	28	15 Dartmouth Sq	69	UT52	65	65	Not Significant	Not Significant
	29	17 Dartmouth Sq	69	UT52	65	65	Not Significant	Not Significant
	30	68 Dartmouth Sq	47	UT52	65	65	Slight to Moderate	Slight to Moderate
	31	66 Dartmouth Sq	46	UT52	65	65	Not Significant	Slight to Moderate
	32	64 Dartmouth Sq	45	UT52	65	65	Not Significant	Slight to Moderate
	33	62 Dartmouth Sq	44	UT52	65	65	Not Significant	Slight to Moderate
	34	11 Cambridge Sq	64	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	65	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	64	UT52	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	39	34 Dartmouth Rd	63	UT51	70	70	Moderate to Significant	Moderate to Significant
	40	32-33 Dartmouth Rd	61	UT51	70	70	Moderate to Significant	Moderate to Significant
	41	31 Dartmouth Rd	46	UT51	70	70	Slight to Moderate	Slight to Moderate
	42	30 Dartmouth Rd	46	UT51	70	70	Slight to Moderate	Slight to Moderate
	43	29 Dartmouth Rd	39	UT51	70	70	Slight to Moderate	Slight to Moderate
	44	26 Dartmouth Rd	41	UT51	70	70	Slight to Moderate	Slight to Moderate
	45	27 Dartmouth Rd	40	UT51	70	70	Slight to Moderate	Slight to Moderate
	46	28 Dartmouth Rd	40	UT51	70	70	Slight to Moderate	Slight to Moderate
	47	8 Dartmouth Pl	42	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	41	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	40	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth P	41	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crech	42	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	42	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	42	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	43	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	60	UT52	65	65	Slight to Moderate	Slight to Moderate
	57	Hilton Hotel	63	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Office	69	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Offi	69	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	89	UT51	75	75	Not Significant	Not Significant
	61	Hines Building (South)	46	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	85	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	51	UT52	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	57	UT52	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Station Piling Works South	1	11 Harcourt Terrace	64	UT51	70	70	Not Significant	Slight to Moderate
	2	8 Charlemont Terrace	55	UT52	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	53	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	52	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	52	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	38	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	39	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	43	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	42	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	44	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	42	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	43	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	56	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	60	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	50	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	48	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	53	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	53	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	52	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	51	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	22	3 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	23	5 Dartmouth Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	24	7 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	25	9 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	26	11 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	27	13 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	28	15 Dartmouth Sq	57	UT52	65	65	Not Significant	Not Significant
	29	17 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	30	68 Dartmouth Sq	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	31	66 Dartmouth Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	32	64 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	33	62 Dartmouth Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	34	11 Cambridge Sq	79	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	72	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	69	UT52	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	39	34 Dartmouth Rd	73	UT51	70	70	Moderate to Significant	Moderate to Significant
	40	32-33 Dartmouth Rd	72	UT51	70	70	Moderate to Significant	Moderate to Significant
	41	31 Dartmouth Rd	70	UT51	70	70	Slight to Moderate	Slight to Moderate
	42	30 Dartmouth Rd	69	UT51	70	70	Slight to Moderate	Slight to Moderate
	43	29 Dartmouth Rd	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	44	26 Dartmouth Rd	69	UT51	70	70	Slight to Moderate	Slight to Moderate
	45	27 Dartmouth Rd	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	46	28 Dartmouth Rd	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	47	8 Dartmouth Pl	59	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	59	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	55	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth P	51	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crech	49	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	46	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	45	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	44	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	57	Hilton Hotel	63	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Office	66	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Offi	65	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	66	UT51	75	75	Not Significant	Not Significant
	61	Hines Building (South)	83	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	80	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	47	UT52	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	58	UT52	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
South Station Works Excavation - Gound Level (includes batching plant)	1	11 Harcourt Terrace	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	60	UT52	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	58	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	57	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	56	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	42	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	47	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	51	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	43	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	54	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	58	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	46	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	42	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	51	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	49	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	48	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	47	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	22	3 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	23	5 Dartmouth Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	24	7 Dartmouth Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	25	9 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	26	11 Dartmouth Sq	66	UT52	65	65	Moderate to Significant	Moderate to Significant
	27	13 Dartmouth Sq	67	UT52	65	65	Moderate to Significant	Moderate to Significant
	28	15 Dartmouth Sq	67	UT52	65	65	Moderate to Significant	Moderate to Significant
	29	17 Dartmouth Sq	66	UT52	65	65	Moderate to Significant	Moderate to Significant
	30	68 Dartmouth Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	31	66 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	32	64 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	57	UT52	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	77	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	70	UT52	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Sq	68	UT52	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	39	34 Dartmouth Rd	71	UT51	70	70	Moderate to Significant	Moderate to Significant
	40	32-33 Dartmouth Rd	70	UT51	70	70	Slight to Moderate	Slight to Moderate
	41	31 Dartmouth Rd	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	42	30 Dartmouth Rd	67	UT51	70	70	Slight to Moderate	Slight to Moderate
	43	29 Dartmouth Rd	65	UT51	70	70	Not Significant	Slight to Moderate
	44	26 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	45	27 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	46	28 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	47	8 Dartmouth Pl	57	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	57	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	53	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth P	50	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crech	48	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	46	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	45	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	45	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	44	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	58	UT52	65	65	Not Significant	Not Significant
	57	Hilton Hotel	60	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Office	67	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Offi	69	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	86	UT51	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	80	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	82	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	56	UT52	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	59	UT52	65	65	Not Significant	Slight to Moderate

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
South Station Works Excavation - Underground	1	11 Harcourt Terrace	65	UT51	70	70	Not Significant	Slight to Moderate
	2	8 Charlemont Terrace	58	UT52	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	57	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	56	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	55	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	41	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	42	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	45	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	48	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	45	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	41	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	43	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	51	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	55	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	45	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	40	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	50	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	48	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	47	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	46	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	22	3 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	23	5 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	24	7 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	25	9 Dartmouth Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	26	11 Dartmouth Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	27	13 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	28	15 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	29	17 Dartmouth Sq	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	30	68 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	31	66 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	32	64 Dartmouth Sq	56	UT52	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	55	UT52	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	76	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	67	UT52	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Sq	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	37	5 Cambridge Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Sq	58	UT52	65	65	Not Significant	Not Significant
	39	34 Dartmouth Rd	69	UT51	70	70	Slight to Moderate	Slight to Moderate
	40	32-33 Dartmouth Rd	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	41	31 Dartmouth Rd	67	UT51	70	70	Slight to Moderate	Slight to Moderate
	42	30 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	43	29 Dartmouth Rd	65	UT51	70	70	Not Significant	Slight to Moderate
	44	26 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	45	27 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	46	28 Dartmouth Rd	65	UT51	70	70	Not Significant	Slight to Moderate
	47	8 Dartmouth Pl	55	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	55	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	52	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth P	48	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crech	47	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	46	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	45	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	44	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	44	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	56	UT52	65	65	Not Significant	Not Significant
	57	Hilton Hotel	58	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Office	65	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Offi	66	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	83	UT51	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	78	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	80	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	53	UT52	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	56	UT52	65	65	Not Significant	Not Significant

Charlemont Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Finishing & Fit-Out Works	1	11 Harcourt Terrace	58	UT51	70	70	Not Significant	Not Significant
	2	8 Charlemont Terrace	51	UT52	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	49	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	48	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	46	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	36	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	37	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	39	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	39	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	40	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	37	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	37	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	44	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	48	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	40	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	36	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	45	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	43	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	41	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	40	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	58	UT52	65	65	Not Significant	Not Significant
	22	3 Dartmouth Sq	57	UT52	65	65	Not Significant	Not Significant
	23	5 Dartmouth Sq	57	UT52	65	65	Not Significant	Not Significant
	24	7 Dartmouth Sq	57	UT52	65	65	Not Significant	Not Significant
	25	9 Dartmouth Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	26	11 Dartmouth Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	27	13 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	28	15 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	29	17 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	30	68 Dartmouth Sq	56	UT52	65	65	Not Significant	Not Significant
	31	66 Dartmouth Sq	54	UT52	65	65	Not Significant	Not Significant
	32	64 Dartmouth Sq	52	UT52	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	50	UT52	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	72	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	36	7 Cambridge Sq	62	UT52	65	65	Not Significant	Slight to Moderate
	37	5 Cambridge Sq	56	UT52	65	65	Not Significant	Not Significant
	38	3 Cambridge Sq	54	UT52	65	65	Not Significant	Not Significant
	39	34 Dartmouth Rd	64	UT51	70	70	Not Significant	Slight to Moderate
	40	32-33 Dartmouth Rd	64	UT51	70	70	Not Significant	Slight to Moderate
	41	31 Dartmouth Rd	62	UT51	70	70	Not Significant	Not Significant
	42	30 Dartmouth Rd	60	UT51	70	70	Not Significant	Not Significant
	43	29 Dartmouth Rd	59	UT51	70	70	Not Significant	Not Significant
	44	26 Dartmouth Rd	60	UT51	70	70	Not Significant	Not Significant
	45	27 Dartmouth Rd	60	UT51	70	70	Not Significant	Not Significant
	46	28 Dartmouth Rd	59	UT51	70	70	Not Significant	Not Significant
	47	8 Dartmouth Pl	50	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	50	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	45	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth P	44	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crech	42	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	40	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	40	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	39	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	38	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	52	UT52	65	65	Not Significant	Not Significant
	57	Hilton Hotel	54	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Office	57	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Offi	61	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	76	UT51	75	75	Moderate to Significant	Moderate to Significant
	61	Hines Building (South)	74	UT51	70	70	Moderate to Significant	Moderate to Significant
	62	Hines Building (East)	78	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	45	UT52	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	47	UT52	65	65	Not Significant	Not Significant

Collins Avenue Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
Water Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Vent Shaft Piling	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
Water Station Works Excavation - Gound Level (includes batching plant)	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
Generator 200KVA	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	

Collins Avenue Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Mater Station Works Excavation - Underground	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Collins Avenue Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
Water Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
Vent Shaft Piling	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
Water Station Works Excavation - Gound Level (includes batching plant)	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
Generator 200KVA	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	

Collins Avenue Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Mater Station Works Excavation - Underground	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	158 Ballymun Road	76	AT23	75	75	Moderate to Significant	Moderate to Significant
	2	162/164 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	5	699/701 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	6	695/697 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	7	691/693 Collins Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	8	687/691 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	9	683/6851 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	10	679/681 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	51	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	58	UT30	65	65	Not Significant	Slight to Moderate
	30	Church	74	UT30	65	65	Significant to Very Significant	Significant to Very Significant
	31	62-64 Albert College Avenue	52	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	52	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	45	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	44	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	45	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	37	22-24 Albert College Drive	56	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	55	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	83	AT24	75	75	Significant to Very Significant	Significant to Very Significant
	40	Scout Hall	70	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	42	9-11 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	54	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	53	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	47	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	69	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Drive	54	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	51	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	57	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	57	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	47	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories N	64	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	59	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	57	UT29	65	65	Slight to Moderate	Slight to Moderate
	72	8/10 Glasnevin Avenue	57	UT29	65	65	Slight to Moderate	Slight to Moderate
	73	12/14 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	74	16/18 Glasnevin Avenue	55	UT29	65	65	Not Significant	Slight to Moderate
	75	20/22 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	76	173 Collins Avenue	53	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	54	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	55	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	52	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	46	AT23	75	75	Not Significant	Not Significant
1	158 Ballymun Road	75	AT23	75	75	Slight to Moderate	Slight to Moderate	
2	162/164 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Piling Works	3	166/168 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	5	699/701 Collins Avenue	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	6	695/697 Collins Avenue	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	7	691/693 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	8	687/691 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	9	683/6851 Collins Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	10	679/681 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	11	675/677 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	41	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	52	UT30	65	65	Not Significant	Not Significant
	25	14/16 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	46	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	30	Church	77	UT30	65	65	Significant to Very Significant	Significant to Very Significant
	31	62-64 Albert College Avenue	55	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	55	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	50	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	44	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	45	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	37	22-24 Albert College Drive	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	38	26-28 Albert College Drive	57	UT30	65	65	Not Significant	Slight to Moderate
	39	Albert College Court	82	AT24	75	75	Significant to Very Significant	Significant to Very Significant
	40	Scout Hall	66	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	42	9-11 Albert College Drive	52	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	55	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	69	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Drive	51	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	58	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	46	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	66	157/159 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	68	165/167 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories Na	65	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	62	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	60	UT29	65	65	Slight to Moderate	Slight to Moderate
	72	8/10 Glasnevin Avenue	60	UT29	65	65	Slight to Moderate	Slight to Moderate
	73	12/14 Glasnevin Avenue	59	UT29	65	65	Slight to Moderate	Slight to Moderate
	74	16/18 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	75	20/22 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	76	173 Collins Avenue	55	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	56	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	59	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	54	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	47	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
3	166/168 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant	
4	703/705 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Vent Shaft Piling	5	699701 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	35	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	32	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	34	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	35	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	37	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	38	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	37	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	48	UT30	65	65	Not Significant	Not Significant
	30	Church	60	UT30	65	65	Not Significant	Not Significant
	31	62-64 Albert College Avenue	44	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	44	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	38	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	38	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	37	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	51	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	59	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	49	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	41	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	41	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	41	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	55	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Drive	43	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	43	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	42	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	51	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	49	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	49	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	40	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	37	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	57	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	61	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories Na	59	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	56	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	72	8/10 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	73	12/14 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	46	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	40	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	52	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	53	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	52	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	42	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	42	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	78	AT23	75	75	Moderate to Significant	Moderate to Significant
	2	162/164 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	3	166/168 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	64	UT30	65	65	Slight to Moderate	Slight to Moderate
5	699701 Collins Avenue	65	UT30	65	65	Slight to Moderate	Slight to Moderate	
6	695/697 Collins Avenue	64	UT30	65	65	Slight to Moderate	Slight to Moderate	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Excavation - Ground Level	7	691/693 Collins Avenue	63	UT30	65	65	Slight to Moderate	Slight to Moderate
	8	687/691 Collins Avenue	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	9	683/6851 Collins Avenue	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	10	679/681 Collins Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	11	675/677 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	12	671/673 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	52	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	53	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	48	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	30	Church	79	UT30	65	65	Significant to Very Significant	Significant to Very Significant
	31	62-64 Albert College Avenue	56	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	56	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	51	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	46	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	47	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	37	22-24 Albert College Drive	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	38	26-28 Albert College Drive	58	UT30	65	65	Not Significant	Slight to Moderate
	39	Albert College Court	84	AT24	75	75	Significant to Very Significant	Significant to Very Significant
	40	Scout Hall	69	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	42	9-11 Albert College Drive	54	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	57	UT30	65	65	Not Significant	Slight to Moderate
	46	10/12 Albert FCollege Drive	50	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	72	AT23	75	75	Slight to Moderate	Slight to Moderate
	50	10/12 Albert FCollege Drive	54	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	52	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	51	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	61	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	61	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	49	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	65	153/155 Ballymun Road	71	AT23	75	75	Slight to Moderate	Slight to Moderate
	66	157/159 Ballymun Road	71	AT23	75	75	Slight to Moderate	Slight to Moderate
	67	161/163 Ballymun Road	71	AT23	75	75	Slight to Moderate	Slight to Moderate
	68	165/167 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	69	Our Lady of Victories Na	66	AT23	65	65	Moderate to Significant	Moderate to Significant
	70	Progressive Credit Union	63	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	62	UT29	65	65	Slight to Moderate	Slight to Moderate
	72	8/10 Glasnevin Avenue	61	UT29	65	65	Slight to Moderate	Slight to Moderate
	73	12/14 Glasnevin Avenue	60	UT29	65	65	Slight to Moderate	Slight to Moderate
	74	16/18 Glasnevin Avenue	58	UT29	65	65	Slight to Moderate	Slight to Moderate
	75	20/22 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	76	173 Collins Avenue	57	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	58	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	61	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	56	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	49	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	73	AT23	75	75	Slight to Moderate	Slight to Moderate
	2	162/164 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	5	699/701 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	6	695/697 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
7	691/693 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate	
8	687/691 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Excavation - Underground	9	683/6851 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant	
	10	679/681 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant	
	11	675/677 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant	
	12	671/673 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant	
	13	667/669 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant	
	14	663/665 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant	
	15	659/661 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant	
	16	655/657 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant	
	17	651/653 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant	
	18	649 Collins Avenue	41	UT30	65	65	Not Significant	Not Significant	
	19	6/8 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant	
	20	10/12 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant	
	21	12 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant	
	22	24/26 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant	
	23	20/22 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant	
	24	16/18 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant	
	25	14/66 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant	
	26	42-57 Hampstead Court	48	UT30	65	65	Not Significant	Not Significant	
	27	17-28 Hampstead Court	43	UT30	65	65	Not Significant	Not Significant	
	28	29-41 Hampstead Court	42	UT30	65	65	Not Significant	Not Significant	
	29	1-16 Hampstead Court	55	UT30	65	65	Not Significant	Not Significant	
	30	Church	74	UT30	65	65	Significant to Very Significant	Significant to Very Significant	
	31	62-64 Albert College Avenue	50	UT30	65	65	Not Significant	Not Significant	
	32	58 - 60 Albert College Avenue	50	UT30	65	65	Not Significant	Not Significant	
	33	54 - 56 Albert College Avenue	46	UT30	65	65	Not Significant	Not Significant	
	34	50-52 Albert College Avenue	42	UT30	65	65	Not Significant	Not Significant	
	35	46-48 Albert College Avenue	42	UT30	65	65	Not Significant	Not Significant	
	36	18-20 Albert College Avenue	56	UT30	65	65	Not Significant	Not Significant	
	37	22-24 Albert College Drive	54	UT30	65	65	Not Significant	Not Significant	
	38	26-28 Albert College Drive	52	UT30	65	65	Not Significant	Not Significant	
	39	Albert College Court	76	AT24	75	75	Moderate to Significant	Moderate to Significant	
	40	Scout Hall	65	AT24	75	75	Not Significant	Not Significant	
	41	13-15 Albert College Drive	58	UT30	65	65	Not Significant	Slight to Moderate	
	42	9-11 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant	
	43	5-7 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant	
	44	1-3 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant	
	45	14/16 Albert FCollege Drive	51	UT30	65	65	Not Significant	Not Significant	
	46	10/12 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant	
	47	6/8 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant	
	48	2/4 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant	
	49	14/16 Albert FCollege Drive	66	AT23	75	75	Not Significant	Not Significant	
	50	10/12 Albert FCollege Drive	50	UT30	65	65	Not Significant	Not Significant	
	51	6/8 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant	
	52	2/4 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant	
	53	25-31 Albert College Drive	54	AT23	75	75	Not Significant	Not Significant	
	54	21/23 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant	
	55	17/19 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant	
	56	13/15 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant	
	57	125/127 Ballymun Road	54	AT23	75	75	Not Significant	Not Significant	
	58	129/131 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant	
	59	2/4 Saint Papping Road	44	AT23	75	75	Not Significant	Not Significant	
	60	133/135 Ballymun Road	57	AT23	75	75	Not Significant	Not Significant	
	61	137/139 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant	
	62	141/143 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant	
	63	145/147 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant	
	64	149/151 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant	
	65	153/155 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant	
	66	157/159 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant	
	67	161/163 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant	
	68	165/167 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant	
	69	Our Lady of Victories Na	61	AT23	65	65	Not Significant	Not Significant	
	70	Progressive Credit Union	58	AT23	75	75	Not Significant	Not Significant	
	71	Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate	
	72	8/10 Glasnevin Avenue	55	UT29	65	65	Not Significant	Slight to Moderate	
	73	12/14 Glasnevin Avenue	55	UT29	65	65	Not Significant	Slight to Moderate	
	74	16/18 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant	
	75	20/22 Glasnevin Avenue	51	UT29	65	65	Not Significant	Not Significant	
	76	173 Collins Avenue	50	AT23	75	75	Not Significant	Not Significant	
	77	2 Glasnevin Avenue	52	AT23	75	75	Not Significant	Not Significant	
	78	4/6 Glasnevin Avenue	54	AT23	75	75	Not Significant	Not Significant	
	79	8/10 Glasnevin Avenue	51	AT23	75	75	Not Significant	Not Significant	
	80	12/14 Glasnevin Avenue	44	AT23	75	75	Not Significant	Not Significant	
		1	158 Ballymun Road	72	AT23	75	75	Slight to Moderate	Slight to Moderate
		2	162/164 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
		3	166/168 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
		4	703/705 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
		5	699/701 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
		6	695/697 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
		7	691/693 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
		8	687/691 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
9		683/6851 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant	
10		679/681 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Finishing & Fit-Out Works	11	675/677 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	39	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	39	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	53	UT30	65	65	Not Significant	Not Significant
	30	Church	70	UT30	65	65	Moderate to Significant	Moderate to Significant
	31	62-64 Albert College Avenue	48	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	48	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	39	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	54	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	78	AT24	75	75	Moderate to Significant	Moderate to Significant
	40	Scout Hall	65	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	56	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	50	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	42	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	41	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	65	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	45	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	53	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	52	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	53	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	42	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories N	59	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	55	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	72	8/10 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	73	12/14 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	49	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	48	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	51	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	48	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	41	AT23	75	75	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	158 Ballymun Road	72	AT23	75	75	Slight to Moderate	Slight to Moderate
	2	162/164 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	5	699/701 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	9	683/685 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Park	37	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Park	43	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Park	43	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Park	38	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	41	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	40	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	53	UT30	65	65	Not Significant	Not Significant
	30	Church	70	UT30	65	65	Moderate to Significant	Moderate to Significant
	31	62-64 Albert College Avenue	47	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	47	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	41	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	41	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	54	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	78	AT24	75	75	Moderate to Significant	Moderate to Significant
	40	Scout Hall	66	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	56	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	50	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	43	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	42	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Grove	64	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Grove	50	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Grove	47	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Grove	45	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Grove	53	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Grove	44	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Grove	43	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Grove	41	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	51	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	53	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	43	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	61	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories National School	59	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	55	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	72	8/10 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	73	12/14 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	49	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	48	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	51	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	48	AT23	75	75	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	80	12/14 Glasnevin Avenue	42	AT23	75	75	Not Significant	Not Significant
Piling Works	1	158 Ballymun Road	74	AT23	75	75	Slight to Moderate	Slight to Moderate
	2	162/164 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	5	699/701 Collins Avenue	62	UT30	65	65	Slight to Moderate	Slight to Moderate
	6	695/697 Collins Avenue	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	7	691/693 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	8	687/691 Collins Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	9	683/6851 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	10	679/681 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	11	675/677 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Park	42	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Park	50	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Park	51	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Park	43	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	45	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	30	Church	77	UT30	65	65	Significant to Very Significant	Significant to Very Significant
	31	62-64 Albert College Avenue	54	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	54	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	50	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	44	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	44	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	37	22-24 Albert College Drive	58	UT30	65	65	Not Significant	Slight to Moderate
	38	26-28 Albert College Drive	57	UT30	65	65	Not Significant	Slight to Moderate
	39	Albert College Court	82	AT24	75	75	Significant to Very Significant	Significant to Very Significant
	40	Scout Hall	66	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	61	UT30	65	65	Slight to Moderate	Slight to Moderate
	42	9-11 Albert College Drive	52	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	54	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Grove	69	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Grove	51	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Grove	49	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Grove	48	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Grove	58	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Grove	47	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Grove	46	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Grove	45	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	57	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	46	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories National School	64	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	62	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	60	UT29	65	65	Slight to Moderate	Slight to Moderate
	72	8/10 Glasnevin Avenue	59	UT29	65	65	Slight to Moderate	Slight to Moderate
	73	12/14 Glasnevin Avenue	58	UT29	65	65	Slight to Moderate	Slight to Moderate
	74	16/18 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	75	20/22 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	76	173 Collins Avenue	54	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	56	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	58	AT23	75	75	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	79	8/10 Glasnevin Avenue	54	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	46	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	54	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	5	699/701 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	9	683/685 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	39	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	34	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	31	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	33	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	34	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	35	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Park	35	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Park	35	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Park	41	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Park	36	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	36	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	37	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	36	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	30	Church	59	UT30	65	65	Not Significant	Not Significant
	31	62-64 Albert College Avenue	43	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	43	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	37	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	37	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	36	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	50	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	58	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	48	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	47	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	40	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	40	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	39	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Grove	54	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Grove	42	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Grove	42	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Grove	41	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Grove	49	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Grove	40	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Grove	39	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Grove	39	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	48	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	48	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	39	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	36	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	57	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories National School	58	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	55	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	72	8/10 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	73	12/14 Glasnevin Avenue	49	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	44	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	38	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	50	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	51	AT23	75	75	Not Significant	Not Significant

Vent Shaft Piling

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Excavation - Ground Level	78	4/6 Glasnevin Avenue	51	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	41	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	41	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	74	AT23	75	75	Slight to Moderate	Slight to Moderate
	2	162/164 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	5	699701 Collins Avenue	60	UT30	65	65	Slight to Moderate	Slight to Moderate
	6	695/697 Collins Avenue	59	UT30	65	65	Slight to Moderate	Slight to Moderate
	7	691/693 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	8	687/691 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	9	683/6851 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	41	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Park	41	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Park	46	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Park	48	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Park	41	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	43	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	42	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	56	UT30	65	65	Not Significant	Not Significant
	30	Church	75	UT30	65	65	Significant to Very Significant	Significant to Very Significant
	31	62-64 Albert College Avenue	51	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	51	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	47	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	42	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	43	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	37	22-24 Albert College Drive	55	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	53	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	78	AT24	75	75	Moderate to Significant	Moderate to Significant
	40	Scout Hall	65	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	58	UT30	65	65	Not Significant	Slight to Moderate
	42	9-11 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	52	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	47	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Grove	67	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Grove	50	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Grove	48	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Grove	47	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Grove	55	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Grove	45	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Grove	44	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Grove	43	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	44	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories National School	62	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	59	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	57	UT29	65	65	Slight to Moderate	Slight to Moderate
	72	8/10 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	73	12/14 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
74	16/18 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate	
75	20/22 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant	
76	173 Collins Avenue	52	AT23	75	75	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	77	2 Glasnevin Avenue	53	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	56	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	52	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	45	AT23	75	75	Not Significant	Not Significant
Excavation - Underground	1	158 Ballymun Road	72	AT23	75	75	Slight to Moderate	Slight to Moderate
	2	162/164 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	5	699/701 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	6	695/697 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Park	38	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Park	42	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Park	46	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Park	39	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	42	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	41	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	53	UT30	65	65	Not Significant	Not Significant
	30	Church	73	UT30	65	65	Significant to Very Significant	Significant to Very Significant
	31	62-64 Albert College Avenue	48	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	48	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	45	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	41	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	54	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	53	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	74	AT24	75	75	Slight to Moderate	Slight to Moderate
	40	Scout Hall	64	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	56	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	49	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	47	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	43	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	43	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Grove	65	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Grove	49	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Grove	46	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Grove	45	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Grove	53	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Grove	44	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Grove	43	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Grove	42	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	53	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	54	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	43	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	61	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories National School	60	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	57	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	55	UT29	65	65	Not Significant	Slight to Moderate
	72	8/10 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	73	12/14 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	74	16/18 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	76	173 Collins Avenue	48	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	53	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	43	AT23	75	75	Not Significant	Not Significant
Finishing & Fit-Out Works	1	158 Ballymun Road	72	AT23	75	75	Slight to Moderate	Slight to Moderate
	2	162/164 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	5	699/701 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	9	683/685 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Park	37	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Park	43	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Park	43	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Park	37	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	47	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	39	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	39	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	53	UT30	65	65	Not Significant	Not Significant
	30	Church	70	UT30	65	65	Moderate to Significant	Moderate to Significant
	31	62-64 Albert College Avenue	48	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	48	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	39	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	54	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	78	AT24	75	75	Moderate to Significant	Moderate to Significant
	40	Scout Hall	65	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	56	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	50	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	42	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	41	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Grove	65	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Grove	49	UT30	65	65	Not Significant	Not Significant
51	6/8 Albert FCollege Grove	45	UT30	65	65	Not Significant	Not Significant	
52	2/4 Albert FCollege Grove	44	UT30	65	65	Not Significant	Not Significant	
53	25-31 Albert College Grove	53	AT23	75	75	Not Significant	Not Significant	
54	21/23 Albert College Grove	43	UT30	65	65	Not Significant	Not Significant	
55	17/19 Albert College Grove	42	UT30	65	65	Not Significant	Not Significant	
56	13/15 Albert College Grove	40	UT30	65	65	Not Significant	Not Significant	
57	125/127 Ballymun Road	52	AT23	75	75	Not Significant	Not Significant	
58	129/131 Ballymun Road	53	AT23	75	75	Not Significant	Not Significant	
59	2/4 Saint Papping Road	42	AT23	75	75	Not Significant	Not Significant	
60	133/135 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant	
61	137/139 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant	
62	141/143 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant	
63	145/147 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant	
64	149/151 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant	
65	153/155 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant	
66	157/159 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant	
67	161/163 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant	
68	165/167 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant	
69	Our Lady of Victories National School	59	AT23	65	65	Not Significant	Not Significant	
70	Progressive Credit Union	55	AT23	75	75	Not Significant	Not Significant	
71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant	
72	8/10 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant	
73	12/14 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant	
74	16/18 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	75	20/22 Glasnevin Avenue	49	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	48	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	51	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	48	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	41	AT23	75	75	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	158 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	53	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	5	699701 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	36	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	42	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	40	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	39	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	48	UT30	65	65	Not Significant	Not Significant
	30	Church	63	UT30	65	65	Not Significant	Not Significant
	31	62-64 Albert College Avenue	43	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	43	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	39	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	39	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	39	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	49	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	66	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	59	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert College Drive	58	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	48	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	51	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	52	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	43	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	61	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories Na	59	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	55	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	72	8/10 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	73	12/14 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	48	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	47	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	49	AT23	75	75	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Piling Works	78	4/6 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	46	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	42	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	61	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	5	699701 Collins Avenue	58	UT30	65	65	Not Significant	Slight to Moderate
	6	695/697 Collins Avenue	57	UT30	65	65	Not Significant	Slight to Moderate
	7	691/693 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenue	54	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	38	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	42	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	43	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	54	UT30	65	65	Not Significant	Not Significant
	30	Church	69	UT30	65	65	Moderate to Significant	Moderate to Significant
	31	62-64 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Drive	55	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	53	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	71	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	59	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	55	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert College Drive	64	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert College Drive	51	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert College Drive	49	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	54	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	57	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	46	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	69	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	68	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories Na	64	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	61	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	59	UT29	65	65	Slight to Moderate	Slight to Moderate
72	8/10 Glasnevin Avenue	59	UT29	65	65	Slight to Moderate	Slight to Moderate	
73	12/14 Glasnevin Avenue	58	UT29	65	65	Slight to Moderate	Slight to Moderate	
74	16/18 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	75	20/22 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	76	173 Collins Avenue	54	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	55	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	57	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	52	AT23	75	75	Not Significant	Not Significant
	80	12/14 Glasnevin Avenue	46	AT23	75	75	Not Significant	Not Significant
Vent Shaft Piling	1	158 Ballymun Road	59	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	5	699/701 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	41	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	41	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	40	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	37	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	34	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	31	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	33	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	34	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	35	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	35	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	35	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	36	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	37	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	36	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	44	UT30	65	65	Not Significant	Not Significant
	30	Church	56	UT30	65	65	Not Significant	Not Significant
	31	62-64 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	40	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	37	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	37	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	36	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	46	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	55	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	41	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	46	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	40	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	40	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	39	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	52	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Drive	42	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	42	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	41	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	47	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	54	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	39	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	36	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	67	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	65	153/155 Ballymun Road	71	AT23	75	75	Slight to Moderate	Slight to Moderate
	66	157/159 Ballymun Road	70	AT23	75	75	Slight to Moderate	Slight to Moderate
	67	161/163 Ballymun Road	72	AT23	75	75	Slight to Moderate	Slight to Moderate
	68	165/167 Ballymun Road	72	AT23	75	75	Slight to Moderate	Slight to Moderate
	69	Our Lady of Victories Na	64	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Union	62	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	72	8/10 Glasnevin Avenue	59	UT29	65	65	Slight to Moderate	Slight to Moderate
	73	12/14 Glasnevin Avenue	57	UT29	65	65	Slight to Moderate	Slight to Moderate
	74	16/18 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	39	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	55	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	56	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	56	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	42	AT23	75	75	Not Significant	Not Significant
Excavation - Gound Level	80	12/14 Glasnevin Avenue	42	AT23	75	75	Not Significant	Not Significant
	1	158 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	56	UT30	65	65	Not Significant	Not Significant
	5	699701 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	55	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	38	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	41	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Drive	40	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	43	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	43	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	42	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	51	UT30	65	65	Not Significant	Not Significant
	30	Church	67	UT30	65	65	Moderate to Significant	Moderate to Significant
	31	62-64 Albert College Avenue	46	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Avenue	46	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Avenue	43	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Avenue	41	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Avenue	41	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Avenue	52	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Drive	50	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Drive	48	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	68	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	58	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Drive	53	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Drive	47	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege Drive	48	UT30	65	65	Not Significant	Not Significant
	46	10/12 Albert FCollege Drive	45	UT30	65	65	Not Significant	Not Significant
	47	6/8 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant
	48	2/4 Albert FCollege Drive	44	UT30	65	65	Not Significant	Not Significant
	49	14/16 Albert FCollege Drive	61	AT23	75	75	Not Significant	Not Significant
	50	10/12 Albert FCollege Drive	50	UT30	65	65	Not Significant	Not Significant
	51	6/8 Albert FCollege Drive	47	UT30	65	65	Not Significant	Not Significant
	52	2/4 Albert FCollege Drive	46	UT30	65	65	Not Significant	Not Significant
	53	25-31 Albert College Drive	52	AT23	75	75	Not Significant	Not Significant
	54	21/23 Albert College Drive	45	UT30	65	65	Not Significant	Not Significant
	55	17/19 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	56	13/15 Albert College Drive	43	UT30	65	65	Not Significant	Not Significant
	57	125/127 Ballymun Road	54	AT23	75	75	Not Significant	Not Significant
	58	129/131 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	59	2/4 Saint Papping Road	44	AT23	75	75	Not Significant	Not Significant
	60	133/135 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	61	137/139 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	62	141/143 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	63	145/147 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	66	AT23	75	75	Not Significant	Not Significant
68	165/167 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	69	Our Lady of Victories Na	62	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Unioi	58	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	72	8/10 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	73	12/14 Glasnevin Avenue	56	UT29	65	65	Not Significant	Slight to Moderate
	74	16/18 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	51	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	53	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	54	AT23	75	75	Not Significant	Not Significant
79	8/10 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant	
80	12/14 Glasnevin Avenue	45	AT23	75	75	Not Significant	Not Significant	
Excavation - Underground	1	158 Ballymun Road	65	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	58	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	53	UT30	65	65	Not Significant	Not Significant
	5	699701 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	52	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenu	48	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	47	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	37	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	38	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Dri	37	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	39	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Pa	37	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Pa	39	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Pa	42	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Pa	38	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	43	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	41	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	40	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	49	UT30	65	65	Not Significant	Not Significant
	30	Church	65	UT30	65	65	Not Significant	Not Significant
	31	62-64 Albert College Av	44	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College A	43	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College A	41	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Av	39	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Av	39	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Av	49	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Dri	48	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Dri	46	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	66	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	57	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Dri	51	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Driv	45	UT30	65	65	Not Significant	Not Significant
	43	5-7 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	44	1-3 Albert College Drive	44	UT30	65	65	Not Significant	Not Significant
	45	14/16 Albert FCollege D	46	UT30	65	65	Not Significant	Not Significant
46	10/12 Albert FCollege D	44	UT30	65	65	Not Significant	Not Significant	
47	6/8 Albert FCollege Driv	43	UT30	65	65	Not Significant	Not Significant	
48	2/4 Albert FCollege Driv	42	UT30	65	65	Not Significant	Not Significant	
49	14/16 Albert FCollege G	59	AT23	75	75	Not Significant	Not Significant	
50	10/12 Albert FCollege G	49	UT30	65	65	Not Significant	Not Significant	
51	6/8 Albert FCollege Gro	46	UT30	65	65	Not Significant	Not Significant	
52	2/4 Albert FCollege Gro	45	UT30	65	65	Not Significant	Not Significant	
53	25-31 Albert College Gr	49	AT23	75	75	Not Significant	Not Significant	
54	21/23 Albert College Gr	43	UT30	65	65	Not Significant	Not Significant	
55	17/19 Albert College Gr	43	UT30	65	65	Not Significant	Not Significant	
56	13/15 Albert College Gr	41	UT30	65	65	Not Significant	Not Significant	
57	125/127 Ballymun Road	52	AT23	75	75	Not Significant	Not Significant	
58	129/131 Ballymun Road	54	AT23	75	75	Not Significant	Not Significant	
59	2/4 Saint Papping Road	43	AT23	75	75	Not Significant	Not Significant	
60	133/135 Ballymun Road	56	AT23	75	75	Not Significant	Not Significant	
61	137/139 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant	
62	141/143 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant	
63	145/147 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant	
64	149/151 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant	
65	153/155 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	66	157/159 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	64	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories Na	60	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Unioi	56	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	72	8/10 Glasnevin Avenue	54	UT29	65	65	Not Significant	Slight to Moderate
	73	12/14 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	51	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	48	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	49	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	52	AT23	75	75	Not Significant	Not Significant
79	8/10 Glasnevin Avenue	48	AT23	75	75	Not Significant	Not Significant	
80	12/14 Glasnevin Avenue	43	AT23	75	75	Not Significant	Not Significant	
Finishing & Fit-Out Works	1	158 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	2	162/164 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant
	3	166/168 Ballymun Road	53	AT23	75	75	Not Significant	Not Significant
	4	703/705 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	5	699/701 Collins Avenue	51	UT30	65	65	Not Significant	Not Significant
	6	695/697 Collins Avenue	50	UT30	65	65	Not Significant	Not Significant
	7	691/693 Collins Avenue	49	UT30	65	65	Not Significant	Not Significant
	8	687/691 Collins Avenue	48	UT30	65	65	Not Significant	Not Significant
	9	683/6851 Collins Avenu	47	UT30	65	65	Not Significant	Not Significant
	10	679/681 Collins Avenue	46	UT30	65	65	Not Significant	Not Significant
	11	675/677 Collins Avenue	45	UT30	65	65	Not Significant	Not Significant
	12	671/673 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	13	667/669 Collins Avenue	44	UT30	65	65	Not Significant	Not Significant
	14	663/665 Collins Avenue	43	UT30	65	65	Not Significant	Not Significant
	15	659/661 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	16	655/657 Collins Avenue	42	UT30	65	65	Not Significant	Not Significant
	17	651/653 Collins Avenue	41	UT30	65	65	Not Significant	Not Significant
	18	649 Collins Avenue	35	UT30	65	65	Not Significant	Not Significant
	19	6/8 Albert College Drive	37	UT30	65	65	Not Significant	Not Significant
	20	10/12 Albert College Dri	35	UT30	65	65	Not Significant	Not Significant
	21	12 Albert College Drive	36	UT30	65	65	Not Significant	Not Significant
	22	24/26 Albert College Pa	35	UT30	65	65	Not Significant	Not Significant
	23	20/22 Albert College Pa	39	UT30	65	65	Not Significant	Not Significant
	24	16/18 Albert College Pa	38	UT30	65	65	Not Significant	Not Significant
	25	14/66 Albert College Pa	36	UT30	65	65	Not Significant	Not Significant
	26	42-57 Hampstead Court	41	UT30	65	65	Not Significant	Not Significant
	27	17-28 Hampstead Court	39	UT30	65	65	Not Significant	Not Significant
	28	29-41 Hampstead Court	38	UT30	65	65	Not Significant	Not Significant
	29	1-16 Hampstead Court	48	UT30	65	65	Not Significant	Not Significant
	30	Church	62	UT30	65	65	Not Significant	Not Significant
	31	62-64 Albert College Av	42	UT30	65	65	Not Significant	Not Significant
	32	58 - 60 Albert College Av	42	UT30	65	65	Not Significant	Not Significant
	33	54 - 56 Albert College Av	38	UT30	65	65	Not Significant	Not Significant
	34	50-52 Albert College Av	38	UT30	65	65	Not Significant	Not Significant
	35	46-48 Albert College Av	38	UT30	65	65	Not Significant	Not Significant
	36	18-20 Albert College Av	49	UT30	65	65	Not Significant	Not Significant
	37	22-24 Albert College Dri	46	UT30	65	65	Not Significant	Not Significant
	38	26-28 Albert College Dri	44	UT30	65	65	Not Significant	Not Significant
	39	Albert College Court	66	AT24	75	75	Not Significant	Not Significant
	40	Scout Hall	58	AT24	75	75	Not Significant	Not Significant
	41	13-15 Albert College Dri	51	UT30	65	65	Not Significant	Not Significant
	42	9-11 Albert College Driv	43	UT30	65	65	Not Significant	Not Significant
43	5-7 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant	
44	1-3 Albert College Drive	42	UT30	65	65	Not Significant	Not Significant	
45	14/16 Albert FCollege D	46	UT30	65	65	Not Significant	Not Significant	
46	10/12 Albert FCollege D	44	UT30	65	65	Not Significant	Not Significant	
47	6/8 Albert FCollege Driv	41	UT30	65	65	Not Significant	Not Significant	
48	2/4 Albert FCollege Driv	41	UT30	65	65	Not Significant	Not Significant	
49	14/16 Albert FCollege G	57	AT23	75	75	Not Significant	Not Significant	
50	10/12 Albert FCollege G	49	UT30	65	65	Not Significant	Not Significant	
51	6/8 Albert FCollege Gro	45	UT30	65	65	Not Significant	Not Significant	
52	2/4 Albert FCollege Gro	43	UT30	65	65	Not Significant	Not Significant	
53	25-31 Albert College Gr	47	AT23	75	75	Not Significant	Not Significant	
54	21/23 Albert College Gr	42	UT30	65	65	Not Significant	Not Significant	
55	17/19 Albert College Gr	41	UT30	65	65	Not Significant	Not Significant	
56	13/15 Albert College Gr	40	UT30	65	65	Not Significant	Not Significant	
57	125/127 Ballymun Road	51	AT23	75	75	Not Significant	Not Significant	
58	129/131 Ballymun Road	52	AT23	75	75	Not Significant	Not Significant	
59	2/4 Saint Papping Road	42	AT23	75	75	Not Significant	Not Significant	
60	133/135 Ballymun Road	55	AT23	75	75	Not Significant	Not Significant	
61	137/139 Ballymun Road	60	AT23	75	75	Not Significant	Not Significant	
62	141/143 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant	

Collins Avenue Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	63	145/147 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	64	149/151 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	65	153/155 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	66	157/159 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	67	161/163 Ballymun Road	63	AT23	75	75	Not Significant	Not Significant
	68	165/167 Ballymun Road	62	AT23	75	75	Not Significant	Not Significant
	69	Our Lady of Victories Na	59	AT23	65	65	Not Significant	Not Significant
	70	Progressive Credit Unioi	54	AT23	75	75	Not Significant	Not Significant
	71	Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	72	8/10 Glasnevin Avenue	53	UT29	65	65	Not Significant	Not Significant
	73	12/14 Glasnevin Avenue	52	UT29	65	65	Not Significant	Not Significant
	74	16/18 Glasnevin Avenue	50	UT29	65	65	Not Significant	Not Significant
	75	20/22 Glasnevin Avenue	48	UT29	65	65	Not Significant	Not Significant
	76	173 Collins Avenue	47	AT23	75	75	Not Significant	Not Significant
	77	2 Glasnevin Avenue	49	AT23	75	75	Not Significant	Not Significant
	78	4/6 Glasnevin Avenue	50	AT23	75	75	Not Significant	Not Significant
	79	8/10 Glasnevin Avenue	45	AT23	75	75	Not Significant	Not Significant
80	12/14 Glasnevin Avenue	41	AT23	75	75	Not Significant	Not Significant	

Dardistown Compound

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Site Preparation/top soil strip, A&EW, demolition, vegetation clearance & utilities	Site Lighting	BS 5228-1:2009 Table C.4:86	65	2			40		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1			20		
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2			20		
	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2			15		
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	1			60		
	Large Roller	BS 5228-1:2009 Table C.5:19	80	1			30		
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1			20		
	Flat Bed	Average of BS 5228-1:2009 Table C.11:4-20	82	1			20		
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1			20		
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1			25		
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1			40		
Piling, excavate, install propping, cast slabs, platforms, lift shafts, stairs and internal walls/slabs	Site Lighting	BS 5228-1:2009 Table C.4:86	65	2	2	2	100	100	100
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	3	3	3	20	20	20
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	1	1	20	1	1
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1			10		
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1			10		
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1			20		
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1			30		
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1			15		
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1			20		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1			20		
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1			40		
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1			30		
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1			20		
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	2			20		
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	3			20		
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	3			20		
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1			20		
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1			20		
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	3			40		
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2			20		
Architectural Finishes, site clearance/reinstatement	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4			40		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1			20		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1			40		
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	3			40		
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1			100		
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2			20		
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1			20		
Site Preparation Works including tree/hedge removal, topsoil removal, demolition and guide walls	Site Lighting	BS 5228-1:2009 Table C.4:86	65	3			40		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	2			40		
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2			20		
	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2			15		
	Large Roller	BS 5228-1:2009 Table C.5:19	80	1			30		
	Flat Bed	Average of BS 5228-1:2009 Table C.11:4-20	82	1			20		
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1			20		
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1			20		
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1			40		
Concrete Batching Plant - Operation	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1			15		
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1			25		
	Compressor	BS 5228-1:2009 Table C.3:19	75	1			50		
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	1			10		
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1			25	25	25
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1			40	40	40
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1			40	40	40
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1			15		
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2			20		
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1			20		
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83	1			10		
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1			20		
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1			40			
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1			40			
Piling & Main Works	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	3			20		
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1			20		
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1			10		
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1			10		
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1			25		
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1			20		
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1			30		
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1			15		
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1			20		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1			20		
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1			40		
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1			30		
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1			20		

Dardistown Compound

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Site reinstatement, landscaping, and traffic management and permanent new road	Dozer	BS 5228-1:2009 Table C.2:10	80	1			40		
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11.4-20	82	3			20		
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1			10		
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1			20		
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1			20		
	Asphalt Spreader	BS 5228-1:2009 Table C.5:30	75	1			80		
	Asphalt paver	BS 5228-1:2009 Table C.5:32	84	1			80		
	Vibratory Compactor (Asphalt)	BS 5228-1:2009 Table C.5:29	82	1			80		
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1			80		
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1			80		
Road Planer	BS 5228-1:2009 Table C.5:7	82	1			40			
Railhead	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	1	1	40	40	40
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0
	HGV	Average of BS 5228-1:2009 Table C.11.4-20	82	5	0	0	1	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	1	1	10	10	10
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	1	1	25	25	25
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	2	2	25	25	25
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25

Dublin Airport North Portal

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Enabling Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	60	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	70	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	3	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	3	0	0	20	0	0	
Pre TBM	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	60	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	70	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	65	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	65	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	25	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
TBM Breakthrough Works	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	1	1	20	20	20
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	1	1	30	30	30
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	2	2	20	20	20
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	1	1	20	20	20
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	1	1	40	40	40
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	1	1	25	25	25
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	1	1	20	20	20
De-watering Pump	BS 5228-1:2009 Table C.4:88	68	4	4	4	40	40	40	
Portal Finishing Works	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	30	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Mobile 25T	BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0	

Dublin Airport North Portal

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold					
	Ref	Description	Day	Evening	Night		Weekday Day (07:00 - 19:00)	Weekday Evening (19:00 - 23:00)	Saturday Morning (07:00 - 13:00)	Saturday Eve (13:00 - 23:00)	Sunday Day (07:00 - 23:00)	Night (23:00 - 07:00)
Enabling Works	1	Halting Site	63	0	0	UT18	70	65	70	65	65	55
	2	Residence Naul Road	62	0	0	UT18	70	65	70	65	65	55
	3	Castlemoate House	55	0	0	UT18	70	65	70	65	65	55
	4	Coachmans Inn	48	0	0	UT18	70	65	70	65	65	55
	5	Metropoint Business Pa	54	0	0	UT18	70	65	70	65	65	55
	6	National Show Centre	49	0	0	UT18	70	65	70	65	65	55
Pre TBM	1	Halting Site	64	0	0	UT18	70	65	70	65	65	55
	2	Residence Naul Road	61	0	0	UT18	70	65	70	65	65	55
	3	Castlemoate House	54	0	0	UT18	70	65	70	65	65	55
	4	Coachmans Inn	47	0	0	UT18	70	65	70	65	65	55
	5	Metropoint Business Pa	53	0	0	UT18	70	65	70	65	65	55
	6	National Show Centre	49	0	0	UT18	70	65	70	65	65	55
TBM Breakthrough Works	1	Halting Site	58	58	58	UT18	70	65	70	65	65	55
	2	Residence Naul Road	54	54	54	UT18	70	65	70	65	65	55
	3	Castlemoate House	47	47	47	UT18	70	65	70	65	65	55
	4	Coachmans Inn	41	41	41	UT18	70	65	70	65	65	55
	5	Metropoint Business Pa	46	46	46	UT18	70	65	70	65	65	55
	6	National Show Centre	41	41	41	UT18	70	65	70	65	65	55
Portal Finishing Works	1	Halting Site	57	0	0	UT18	70	65	70	65	65	55
	2	Residence Naul Road	53	0	0	UT18	70	65	70	65	65	55
	3	Castlemoate House	47	0	0	UT18	70	65	70	65	65	55
	4	Coachmans Inn	40	0	0	UT18	70	65	70	65	65	55
	5	Metropoint Business Pa	45	0	0	UT18	70	65	70	65	65	55
	6	National Show Centre	41	0	0	UT18	70	65	70	65	65	55

Dublin Airport South Portal

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
A&EW, Utility Work & Portal Construction	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	20	0	0
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	70	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	35	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	35	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0	
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
Evacuation and Ventilation Tunnels	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	30	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Mobile Crane	BS 5228-1:2009 Table C.2:16	75	1	0	0	25	0	0
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	40	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	6	0	0	25	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	TBM Works	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	1	1	20	20
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	1	1	10	10	10
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	1	1	10	10	10
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	1	1	20	20	20
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	1	1	30	30	30
Dumper 6t		BS 5228-1:2009 Table C.4:6	79	2	2	2	20	20	20
360 Excavator		BS 5228-1:2009 Table C.2:14	79	1	1	1	20	20	20
Mobile 80T		BS 5228-1:2009 Table C.4:39	77	1	1	1	40	40	40
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	1	1	1	25	25	25
Scaffolding		BS 5228-1:2009 Table D.7:1	80	1	1	1	20	20	20
Spoil Conveyor		BS 5228-1:2009 Table C.10:20	77	1	1	1	90	90	90
Locomotive		Imagine EU Database	80	1	1	1	10	10	10
De-watering Pump	BS 5228-1:2009 Table C.4:88	68	4	4	4	40	40	40	
Portal Finishing Works	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	30	0	0
	Mobile 25T	BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0	
Concrete Batching Plant - Operation	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	15	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	1	1	40	40	40
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	Chipping Concrete	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	20	20
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	40	40
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	

Dublin Airport South Portal

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Sprayed Concrete Lining	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	10	10	40	40	40
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	1	1	40	40	40
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	10	10	1	1	1
	Ventilation Fan/System	BS 5228-1:2009 Table C.8:6	68	1	1	1	100	100	100
Compressor	BS 5228-1:2009 Table C.3:19	75	1	1	1	50	50	50	

Dublin Airport South Portal

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}			Baseline Ref
	Ref	Description	Day	Evening	Night	
A&EW, Utility Work & Portal Constructio n	210	Old Airport Road Residence	51	0	0	UT22
	211	Collinstown Lane Cottages	48	0	0	UT22
	212	Collinstown Lane Cottages	47	0	0	UT22
	213	Collinstown Lane Cottages	44	0	0	UT22
	214	Collinstown Lane Cottages	44	0	0	UT22
	215	Silogue golf club	41	0	0	UT22
Evacuation and Ventilation Tunnels	210	Old Airport Road Residence	48	48	48	UT22
	211	Collinstown Lane Cottages	45	45	45	UT22
	212	Collinstown Lane Cottages	45	45	45	UT22
	213	Collinstown Lane Cottages	41	41	41	UT22
	214	Collinstown Lane Cottages	41	41	41	UT22
	215	Silogue golf club	39	39	39	UT22
TBM Works	210	Old Airport Road Residence	47	47	47	UT22
	211	Collinstown Lane Cottages	44	44	44	UT22
	212	Collinstown Lane Cottages	44	44	44	UT22
	213	Collinstown Lane Cottages	41	41	41	UT22
	214	Collinstown Lane Cottages	40	40	40	UT22
	215	Silogue golf club	38	38	38	UT22
Portal Finishing Works	210	Old Airport Road Residence	45	0	0	UT22
	211	Collinstown Lane Cottages	42	0	0	UT22
	212	Collinstown Lane Cottages	41	0	0	UT22
	213	Collinstown Lane Cottages	38	0	0	UT22
	214	Collinstown Lane Cottages	37	0	0	UT22
	215	Silogue golf club	35	0	0	UT22
Batching Plant	210	Old Airport Road Residence	47	43	43	UT22
	211	Collinstown Lane Cottages	44	40	40	UT22
	212	Collinstown Lane Cottages	44	40	40	UT22
	213	Collinstown Lane Cottages	40	36	36	UT22
	214	Collinstown Lane Cottages	40	36	36	UT22
	215	Silogue golf club	37	33	33	UT22
Sprayed Concrete Lining	210	Old Airport Road Residence	44	42	42	UT22
	211	Collinstown Lane Cottages	41	39	39	UT22
	212	Collinstown Lane Cottages	41	39	39	UT22
	213	Collinstown Lane Cottages	37	36	36	UT22
	214	Collinstown Lane Cottages	37	35	35	UT22
	215	Silogue golf club	35	33	33	UT22

Dublin Airport Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Site Setup	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0		
Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydroraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	Excavation	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	

Dublin Airport Station

Excavation Below Ground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (Underground)	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
	Fit-Out	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0
Site Lighting		BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
Medium Roller		BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
Grader		BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	

Dublin Airport Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Site Setup	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Excavation	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	

Dublin Airport Station

Excavation Below Ground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83 (-10)	1	0	0	10	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (Underground)	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
	Fit-Out	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0
Site Lighting		BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
Medium Roller		BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
Grader		BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	

Dublin Airport Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Site Setup	1	Church (Not Sensitive facade)	72	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	72	UT21	70	70	Moderate to Significant	Moderate to Significant
	3	Terminal	65	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	64	UT21	75	75	Not Significant	Not Significant
Piling	1	Church (Not Sensitive facade)	73	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	74	UT21	70	70	Moderate to Significant	Moderate to Significant
	3	Terminal	67	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	64	UT21	75	75	Not Significant	Not Significant
Excavation	1	Church (Not Sensitive facade)	76	UT21	75	75	Moderate to Significant	Moderate to Significant
	2	Church (Windows)	76	UT21	70	70	Significant to Very Significant	Significant to Very Significant
	3	Terminal	70	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	67	UT21	75	75	Not Significant	Not Significant
Excavation Below Ground	1	Church (Not Sensitive facade)	70	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	71	UT21	70	70	Moderate to Significant	Moderate to Significant
	3	Terminal	63	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	62	UT21	75	75	Not Significant	Not Significant
Fit-out	1	Church (Not Sensitive facade)	68	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	68	UT21	70	70	Not Significant	Not Significant
	3	Terminal	61	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	60	UT21	75	75	Not Significant	Not Significant

Dublin Airport Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Site Setup	1	Church (Not Sensitive facade)	67	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	67	UT21	70	70	Not Significant	Not Significant
	3	Terminal	61	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	60	UT21	75	75	Not Significant	Not Significant
Piling	1	Church (Not Sensitive facade)	73	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	73	UT21	70	70	Moderate to Significant	Moderate to Significant
	3	Terminal	67	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	64	UT21	75	75	Not Significant	Not Significant
Excavation	1	Church (Not Sensitive facade)	71	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	71	UT21	70	70	Moderate to Significant	Moderate to Significant
	3	Terminal	64	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	62	UT21	75	75	Not Significant	Not Significant
Excavation Below Ground	1	Church (Not Sensitive facade)	69	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	69	UT21	70	70	Not Significant	Not Significant
	3	Terminal	61	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	61	UT21	75	75	Not Significant	Not Significant
Fit-out	1	Church (Not Sensitive facade)	67	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	68	UT21	70	70	Not Significant	Not Significant
	3	Terminal	61	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	60	UT21	75	75	Not Significant	Not Significant

Dublin Airport Station

Activity	Receptor		Predicted CNL, dB $L_{Aeq,T}$	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Site Setup	1	Church (Not Sensitive facade)	62	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	62	UT21	70	70	Not Significant	Not Significant
	3	Terminal	59	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	56	UT21	75	75	Not Significant	Not Significant
Piling	1	Church (Not Sensitive facade)	68	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	68	UT21	70	70	Not Significant	Not Significant
	3	Terminal	65	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	61	UT21	75	75	Not Significant	Not Significant
Excavation	1	Church (Not Sensitive facade)	66	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	66	UT21	70	70	Not Significant	Not Significant
	3	Terminal	63	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	59	UT21	75	75	Not Significant	Not Significant
Excavation Below Ground	1	Church (Not Sensitive facade)	63	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	64	UT21	70	70	Not Significant	Not Significant
	3	Terminal	60	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	57	UT21	75	75	Not Significant	Not Significant
Fit-out	1	Church (Not Sensitive facade)	62	UT21	75	75	Not Significant	Not Significant
	2	Church (Windows)	62	UT21	70	70	Not Significant	Not Significant
	3	Terminal	59	UT21	75	75	Not Significant	Not Significant
	4	Dublin Aerospace	56	UT21	75	75	Not Significant	Not Significant

Estuary Compound

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Estuary Compound Establishment	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	6	6	100	100	100	
	Telehandler	BS 5228-1:2009 Table C.4:54	79	1	0	0	30	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	40	40	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0	
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1	0	0	20	0	0	
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	6	0	0	25	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0	
	Mobile 30T	BS 5228-1:2009 Table C.4:43	70	1	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Forklift	BS 5228-1:2009 Table C.2:35	71	1	0	0	30	0	0	
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	3	0	0	10	0	0	
	Large Roller	BS 5228-1:2009 Table C.5:19	80	1	0	0	30	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0	
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	3	0	0	20	0	0	
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0	
	Asphalt Spreader	BS 5228-1:2009 Table C.5:30	75	1	0	0	20	0	0	
	Asphalt paver	BS 5228-1:2009 Table C.5:32	84	1	0	0	20	0	0	
	Vibratory Compactor (Asphalt)	BS 5228-1:2009 Table C.5:29	82	1	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	60	0	0	
	Flat Bed (rails delivery / haulage, plant delivery)	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	10	0	0	
	Well Drilling Rig	BS 5228-1:2009 Table C.3:3	88	1	0	0	10	0	0	
	Compound Operation	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	6	6	100	100	100
Articulated Dump Truck		BS 5228-1:2009 Table C.4:1	81	2	0	0	60	0	0	
Telehandler		BS 5228-1:2009 Table C.4:54	79	1	0	0	30	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	30	0	0	
Dumper 6t		BS 5228-1:2009 Table C.4:6	79	1	0	0	30	0	0	
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Skip Wagon		BS 5228-1:2009 Table C.8:21	78	1	0	0	15	0	0	
Fuel Tanker		BS 5228-1:2009 Table C.4:15	76	1	0	0	15	0	0	
Flat Bed		Average of BS 5228-1:2009 Table C.11:4-20	82	6	0	0	20	0	0	
Forklift		BS 5228-1:2009 Table C.2:35	71	1	0	0	30	0	0	
Hydrogen Fuelled Generator		BS 5228-1:2009 Table C.6:39	65	2	2	2	90	45	45	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Grader		BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0	
25T Gantry		BS 5228-1:2009 Table C.4:38-62	72	1	0	0	40	0	0	
360 Excavator		BS 5228-1:2009 Table C.2:16	75	1	0	0	20	0	0	
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0	
Tipper Lorry		Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	20	0	0	
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	25	0	0	
Welding		BS 5228-1:2009 Table C.3:31	73	2	0	0	10	0	0	
22t Excavator with Hammer		BS 5228-1:2009 Table C.9:13	95	1	0	0	10	0	0	
Enabling Works		Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	40	0	0	
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	1	0	0	40	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	30	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	30	0	0	
	Dozer	BS 5228-1:2009 Table C.2:11	79	1	0	0	40	0	0	
	Dozer	BS 5228-1:2009 Table C.2:11	79	1	0	0	40	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0	
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	20	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Tracked Crusher	BS 5228-1:2009 Table C.1:14	82	1	0	0	30	0	0	
	Flat Bed	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	20	0	0	
	Concrete Batching Plant - Operation	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
Site Lighting		BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	1	0	0	15	15	15	
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	25	25	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	50	50	
Circular Saw		BS 5228-1:2009 Table C.4:73	84	1	0	0	10	10	10	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	25	25	
Batching Plant		BS 5228-1:2009 Table D.6:10	78	1	0	0	40	40	40	
Batching Plant		BS 5228-1:2009 Table D.6:10	78	1	0	0	40	40	40	
Bentonite Plant		BS 5228-1:2009 Table C.4:22	76	1	0	0	15	15	15	
Tipper Lorry		Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	20	20	
Dumper 6t		BS 5228-1:2009 Table C.4:6	79	1	0	0	20	20	20	
Chipping Concrete		BS 5228-1:2009 Table C.1:6	83	1	0	0	10	10	10	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	20	20	20	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	40	40	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	40	40	
		Wheel Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	2	0	0	40	0	0

Estuary Compound

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Start to Estuary Station Demolition	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	1	0	0	40	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	2	0	0	15	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1	0	0	30	0	0
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	15	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Chipping Concrete	BS 5228-1:2009 Table C.1:6	83	2	0	0	10	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
	Diamond Saw Cutting Equipment	BS 5228-1:2009 Table C.4:93	80	2	0	0	20	0	0
	Underground Utility Diversion	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1	0	0	30	0
Site Lighting		BS 5228-1:2009 Table C.4:86	65	2	0	0	40	0	0
Dumper 6t		BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
Small Roller		BS 5228-1:2009 Table C.5:26	77	1	0	0	30	0	0
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
Skip Wagon		BS 5228-1:2009 Table C.8:21	78	1	0	0	15	0	0
Welding		BS 5228-1:2009 Table C.3:31	73	1	0	0	15	0	0
Circular Saw		BS 5228-1:2009 Table C.4:73	84	1	0	0	10	0	0
Mini-Digger		BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
Back-hoe Excavator		BS 5228-1:2009 Table C.2:8	68	1	0	0	20	0	0
Dumper 6t		BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
P&R Site Preparation	360 Excavator	BS 5228-1:2009 Table C.2:16	75	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	15	0	0
	Large Roller	BS 5228-1:2009 Table C.5:19	80	1	0	0	30	0	0
	Flat Bed	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
P&R Piling works (inc mobilise & piling mats, and ground beams)	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1	0	0	20	0	0
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1	0	0	10	0	0
	Fuel Tanker	BS 5228-1:2009 Table C.4:15	76	1	0	0	10	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	P&R Building Works	Site Lighting	BS 5228-1:2009 Table C.4:86	65	12	0	0	100	0
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
Mobile 100T		BS 5228-1:2009 Table C.4:41	71	1	0	0	30	0	0
Tracked Mobile 55T		BS 5228-1:2009 Table C.3:29	70	1	0	0	30	0	0
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
Circular Saw		BS 5228-1:2009 Table C.4:73	84	3	0	0	10	0	0
Mobile 80T		BS 5228-1:2009 Table C.4:39	77	2	0	0	40	0	0
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	2	0	0	30	0	0
Materials Hoist		BS 5228-1:2009 Table C.4:61	68	1	0	0	25	0	0
Passenger Hoist		BS 5228-1:2009 Table C.4:62	66	1	0	0	25	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	1	0	0	40	0	0
Scaffolding		BS 5228-1:2009 Table D.7:1	80	2	0	0	20	0	0
Forklift		BS 5228-1:2009 Table C.2:35	71	2	0	0	30	0	0
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	2	0	0	30	0	0
Materials Hoist	BS 5228-1:2009 Table C.4:61	68	1	0	0	25	0	0	
Passenger Hoist	BS 5228-1:2009 Table C.4:62	66	1	0	0	25	0	0	
4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	40	0	0	
Telehandler	BS 5228-1:2009 Table C.4:54	79	2	0	0	30	0	0	
P&R Finishing Works	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:16	75	1	0	0	30	0	0
	Forklift	BS 5228-1:2009 Table C.2:35	71	1	0	0	30	0	0
	Mobile 25T	BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	40	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
Remove and store topsoil	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	2	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	90	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	2	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	3	0	0	90	0	0

Estuary Compound

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Install guide walls & piling mat	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	90	0	0	
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	90	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0	
	Telehandler	BS 5228-1:2009 Table C.4:64	79	1	0	0	25	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	25	0	0	
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	50	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Secant Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	30	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	90	90	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	90	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	90	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	90	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	75	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	50	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	2	0	0	75	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	6	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	6	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	Excavation/Capping beams & propping	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	50	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	90	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0	
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	2	0	0	50	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0		
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0		
Concrete works	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	50	0	0	
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	25	0	0	
	Scabbling Concrete	BS 5228-1:2009 Table C.1:6	83	2	0	0	25	0	0	
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	4	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	5	0	0	50	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	5	0	0	50	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	50	0	0	
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	10	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	25	0	0	
	Compressor	BS 5228-1:2009 Table C.3:19	75	2	0	0	50	0	0	
Site reinstatement & landscaping works	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1	0	0	10	0	0	
	360 Excavator with Movax (29t)	BS 5228-1:2009 Table C.3:8	88	1	0	0	20	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0	
Rail Head	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	75	0	0	
	Chain Saw	BS 5228-1:2009 Table C.4:72	79	1	0	0	1	1	1	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	40	40	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	20	20	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	20	20	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	1	1	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	20	20	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	20	20	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	1	1	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	25	25	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	25	25		
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	25	25		

Estuary Compound

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Constructi on Noise Threshold	Predicted Magnitude of Impact					
	Ref	Description	Day	Evening	Night			Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Saturday Morning (07:00 - 13:00)	Saturday Eve (13:00 - 23:00)	Sunday Day (07:00 - 23:00)
Estuary Compound Establishment	1	Alvon. Lissenhall Little	55			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	60			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	52			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	56			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	55			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	52			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	50			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	52			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	51			UT3	-	Not Significant	Not Significant	-	-	-	-
Compound Operation	1	Alvon. Lissenhall Little	56			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	62			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	55			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	59			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	57			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	54			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	52			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	54			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	53			UT3	-	Not Significant	Not Significant	-	-	-	-
Enabling Works	1	Alvon. Lissenhall Little	54			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	59			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	50			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	54			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	53			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	50			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	48			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	51			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	50			UT3	-	Not Significant	Not Significant	-	-	-	-
Concrete Batching Plant	1	Alvon. Lissenhall Little	50	38	38	UT2	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	2	Emmaus Retreat	56	41	41	UT2	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	3	R132 Farm	47	35	35	UT1	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	4	Lissenhall Vet	51	37	37	AT1	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	5	Eve Estuary Centre	51	36	36	AT1	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	Swords Food Park	48	33	33	AT1	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	Bostik Industrial Park	46	32	32	AT2	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	Montessori	48	34	34	UT3	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	9	Balheary Rd Business Campus	46	33	33	UT3	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
Start to Estuary Station	1	Alvon. Lissenhall Little	51			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	61			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	42			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	60			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	62			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	58			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	54			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	57			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	55			UT3	-	Not Significant	Not Significant	-	-	-	-
Underground Utility Diversion	1	Alvon. Lissenhall Little	44			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	55			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	45			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	49			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	51			AT1	-	Not Significant	Not Significant	-	-	-	-

Estuary Compound

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Constructi on Noise Threshold	Predicted Magnitude of Impact					
	Ref	Description	Day	Evening	Night			Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Saturday Morning (07:00 - 13:00)	Saturday Eve (13:00 - 23:00)	Sunday Day (07:00 - 23:00)
Diversions	6	Swords Food Park	47			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	45			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	48			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	46			UT3	-	Not Significant	Not Significant	-	-	-	-
P&R Site Preparation	1	Alvon. Lissenhall Little	46			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	55			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	45			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	54			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	53			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	50			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	47			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	49			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	47			UT3	-	Not Significant	Not Significant	-	-	-	-
P&R Piling works	1	Alvon. Lissenhall Little	45			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	54			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	46			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	54			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	52			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	48			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	46			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	48			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	46			UT3	-	Not Significant	Not Significant	-	-	-	-
P&R Building Works	1	Alvon. Lissenhall Little	51			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	60			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	50			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	59			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	58			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	54			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	51			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	54			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	52			UT3	-	Not Significant	Not Significant	-	-	-	-
P&R Finishing Works	1	Alvon. Lissenhall Little	44			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	54			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	42			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	53			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	52			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	48			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	45			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	47			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	46			UT3	-	Not Significant	Not Significant	-	-	-	-
Remove and store topsoil	1	Alvon. Lissenhall Little	51			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	62			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	53			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	56			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	57			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	54			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	52			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	55			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	53			UT3	-	Not Significant	Not Significant	-	-	-	-

Estuary Compound

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Constructi on Noise Threshold	Predicted Magnitude of Impact					
	Ref	Description	Day	Evening	Night			Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Saturday Morning (07:00 - 13:00)	Saturday Eve (13:00 - 23:00)	Sunday Day (07:00 - 23:00)
Install guide walls	1	Alvon. Lissenhall Little	54			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	65			UT2	55	Slight to Moderate	Not Significant	-	-	-	-
	3	R132 Farm	56			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	59			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	61			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	57			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	55			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	58			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	56			UT3	-	Not Significant	Not Significant	-	-	-	-
Secant Piling Works	1	Alvon. Lissenhall Little	51			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	63			UT2	55	Slight to Moderate	Not Significant	-	-	-	-
	3	R132 Farm	54			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	57			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	58			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	55			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	53			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	55			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	54			UT3	-	Not Significant	Not Significant	-	-	-	-
Excavation Capping bea	1	Alvon. Lissenhall Little	52			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	63			UT2	55	Slight to Moderate	Not Significant	-	-	-	-
	3	R132 Farm	54			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	58			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	59			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	56			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	53			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	56			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	54			UT3	-	Not Significant	Not Significant	-	-	-	-
Concrete works	1	Alvon. Lissenhall Little	51			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	63			UT2	55	Slight to Moderate	Not Significant	-	-	-	-
	3	R132 Farm	53			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	56			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	58			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	55			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	53			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	55			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	53			UT3	-	Not Significant	Not Significant	-	-	-	-
Site reinstatement	1	Alvon. Lissenhall Little	47			UT2	55	Not Significant	Not Significant	-	-	-	-
	2	Emmaus Retreat	58			UT2	55	Not Significant	Not Significant	-	-	-	-
	3	R132 Farm	48			UT1	55	Not Significant	Not Significant	-	-	-	-
	4	Lissenhall Vet	52			AT1	55	Not Significant	Not Significant	-	-	-	-
	5	Eve Estuary Centre	53			AT1	-	Not Significant	Not Significant	-	-	-	-
	6	Swords Food Park	50			AT1	-	Not Significant	Not Significant	-	-	-	-
	7	Bostik Industrial Park	48			AT2	-	Not Significant	Not Significant	-	-	-	-
	8	Montessori	51			UT3	-	Not Significant	Not Significant	-	-	-	-
	9	Balheary Rd Business Campus	49			UT3	-	Not Significant	Not Significant	-	-	-	-

Estuary Compound

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Constructi on Noise Threshold	Predicted Magnitude of Impact					
	Ref	Description	Day	Evening	Night			Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Saturday Morning (07:00 - 13:00)	Saturday Eve (13:00 - 23:00)	Sunday Day (07:00 - 23:00)
Railhead	1	Alvon. Lissenhall Little	44	42	42	UT2	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	2	Emmaus Retreat	56	54	54	UT2	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Slight to Moderate
	3	R132 Farm	57	54	54	UT1	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	4	Lissenhall Vet	48	45	45	AT1	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	5	Eve Estuary Centre	45	43	43	AT1	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	Swords Food Park	43	40	40	AT1	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	Bostik Industrial Park	43	41	41	UT3	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	Montessori	29	26	26	UT3	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-
	9	Balheary Rd Business Campus	23	20	20	UT3	-	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	-

Fosterstown Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Remove and store topsoil	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	2	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	90	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	2	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Demolition	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	25	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	40	0	0
	MEWPS	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
	Concrete crusher	BS 5228-1:2009 Table C.9:14	90	1	0	0	10	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
	Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	40	0	0
Install guide walls & piling mat	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	3	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	90	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	90	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Telehandler	BS 5228-1:2009 Table C.4:54	79	1	0	0	25	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	25	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Secant Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	30	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	90	90
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	90	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	90	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	90	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	75	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	50	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	2	0	0	75	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	6	0	0	25	0	0
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	6	0	0	25	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Excavation/Capping beams & propping	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	2	0	0	50	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Concrete works	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	25	0	0
	Scabbling Concrete	BS 5228-1:2009 Table C.1:6	83	2	0	0	25	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	4	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	5	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	5	0	0	50	0	0

Fosterstown Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	50	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	10	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	2	0	0	50	0	0
Site reinstatement & landscaping works	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1	0	0	10	0	0
	360 Excavator with Movax (29t)	BS 5228-1:2009 Table C.3:8	88	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	75	0	0

Fosterstown Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Remove and store topsoil	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	2	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	90	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65 (-10)	2	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Demolition	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	25	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	40	0	0
	MEWPS	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
	Concrete crusher	BS 5228-1:2009 Table C.9:14	90 (-10)	1	0	0	10	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
	Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	40	0	0
Install guide walls & piling mat	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	3	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	90	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	90	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Telehandler	BS 5228-1:2009 Table C.4:54	79	1	0	0	25	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	25	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Secant Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	30	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	90	90	90
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	90	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	90	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	90	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	75	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	50	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	2	0	0	75	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	6	0	0	25	0	0
Excavation/Capping beams & propping	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	6	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	90	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	2	0	0	50	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Concrete works	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	25	0	0
	Scabbling Concrete	BS 5228-1:2009 Table C.1:6	83	2	0	0	25	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	4	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	5	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	5	0	0	50	0	0

Fosterstown Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	2	0	0	50	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	10	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	2	0	0	50	0	0
Site reinstatement & landscaping works	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1	0	0	10	0	0
	360 Excavator with Movax (29t)	BS 5228-1:2009 Table C.3:8	88	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	75	0	0

Fosterstown Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Remove and store topsoil	182	Travelodge	50	UT14	70	70	Not Significant	Not Significant	
	183	Swords Veterinary Hospital	44	UT14	70	70	Not Significant	Not Significant	
	184	Dublin Road Residential (Crowcastle)	55	UT15	70	70	Not Significant	Not Significant	
	185	Aire Retail Park (Front)	60	AT12	75	75	Not Significant	Not Significant	
	186	24 Boromhe Willows	67	UT17	70	70	Slight to Moderate	Slight to Moderate	
	187	20-22 Boromhe Willows	64	UT16	65	65	Slight to Moderate	Slight to Moderate	
	188	16-18 Boromhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate	
	189	12-14 Boromhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
	190	8-10 Boromhe Willows	60	UT16	65	65	Not Significant	Not Significant	
	191	4-6 Boromhe Willows	59	UT16	65	65	Not Significant	Not Significant	
	192	2 Boromhe Willows	58	UT16	65	65	Not Significant	Not Significant	
	193	2-8 Boromhe Oaks	58	UT16	65	65	Not Significant	Not Significant	
	194	6-16 Boromhe Elms	59	UT16	65	65	Not Significant	Not Significant	
	195	17-24 Boromhe Elms	58	UT16	65	65	Not Significant	Not Significant	
	196	Premier Inn Hotel Airside	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
	197	residential R132	57	UT17	70	70	Not Significant	Not Significant	
	198	Tara Winthrop clinic	55	UT16	65	65	Not Significant	Not Significant	
	Demolition	182	Travelodge	55	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	47	UT14	70	70	Not Significant	Not Significant
184		Dublin Road Residential (Crowcastle)	58	UT15	70	70	Not Significant	Not Significant	
185		Aire Retail Park (Front)	45	AT12	70	70	Not Significant	Not Significant	
186		24 Boromhe Willows	74	UT17	70	70	Moderate to Significant	Moderate to Significant	
187		20-22 Boromhe Willows	72	UT16	65	65	Significant to Very Significant	Significant to Very Significant	
188		16-18 Boromhe Willows	70	UT16	65	65	Moderate to Significant	Moderate to Significant	
189		12-14 Boromhe Willows	69	UT16	65	65	Moderate to Significant	Moderate to Significant	
190		8-10 Boromhe Willows	68	UT16	65	65	Moderate to Significant	Moderate to Significant	
191		4-6 Boromhe Willows	67	UT16	65	65	Moderate to Significant	Moderate to Significant	
192		2 Boromhe Willows	66	UT16	65	65	Moderate to Significant	Moderate to Significant	
193		2-8 Boromhe Oaks	64	UT16	65	65	Slight to Moderate	Slight to Moderate	
194		6-16 Boromhe Elms	66	UT16	65	65	Moderate to Significant	Moderate to Significant	
195		17-24 Boromhe Elms	65	UT16	65	65	Slight to Moderate	Slight to Moderate	
196		Premier Inn Hotel Airside	71	UT17	70	70	Moderate to Significant	Moderate to Significant	
197		residential R132	64	UT16	65	65	Slight to Moderate	Slight to Moderate	
198		Tara Winthrop clinic	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
Install guide walls & piling mat		182	Travelodge	55	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	48	UT14	70	70	Not Significant	Not Significant
	184	Dublin Road Residential (Crowcastle)	59	UT15	70	70	Not Significant	Not Significant	
	185	Aire Retail Park (Front)	65	AT12	70	70	Slight to Moderate	Slight to Moderate	
	186	24 Boromhe Willows	71	UT17	70	70	Moderate to Significant	Moderate to Significant	
	187	20-22 Boromhe Willows	67	UT16	65	65	Moderate to Significant	Moderate to Significant	
	188	16-18 Boromhe Willows	65	UT16	65	65	Slight to Moderate	Slight to Moderate	
	189	12-14 Boromhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
	190	8-10 Boromhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate	
	191	4-6 Boromhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
	192	2 Boromhe Willows	60	UT16	65	65	Not Significant	Not Significant	
	193	2-8 Boromhe Oaks	60	UT16	65	65	Not Significant	Not Significant	
	194	6-16 Boromhe Elms	62	UT16	65	65	Not Significant	Slight to Moderate	
	195	17-24 Boromhe Elms	61	UT16	65	65	Not Significant	Slight to Moderate	
	196	Premier Inn Hotel Airside	65	UT17	70	70	Slight to Moderate	Slight to Moderate	
	197	residential R132	60	UT16	65	65	Not Significant	Not Significant	
	198	Tara Winthrop clinic	58	UT16	65	65	Not Significant	Not Significant	
	Secant Piling Works	182	Travelodge	54	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	47	UT14	70	70	Not Significant	Not Significant
184		Dublin Road Residential (Crowcastle)	57	UT15	70	70	Not Significant	Not Significant	
185		Aire Retail Park (Front)	64	AT12	70	70	Not Significant	Not Significant	
186		24 Boromhe Willows	68	UT17	70	70	Slight to Moderate	Slight to Moderate	
187		20-22 Boromhe Willows	65	UT16	65	65	Slight to Moderate	Slight to Moderate	
188		16-18 Boromhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
189		12-14 Boromhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate	
190		8-10 Boromhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
191		4-6 Boromhe Willows	60	UT16	65	65	Not Significant	Not Significant	
192		2 Boromhe Willows	58	UT16	65	65	Not Significant	Not Significant	
193		2-8 Boromhe Oaks	58	UT16	65	65	Not Significant	Not Significant	
194		6-16 Boromhe Elms	60	UT16	65	65	Not Significant	Not Significant	
195		17-24 Boromhe Elms	58	UT16	65	65	Not Significant	Not Significant	
196		Premier Inn Hotel Airside	62	UT17	70	70	Not Significant	Not Significant	
197		residential R132	57	UT16	65	65	Not Significant	Not Significant	
198		Tara Winthrop clinic	56	UT16	65	65	Not Significant	Not Significant	
Excavation/Capping g beams & propping		182	Travelodge	55	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	47	UT14	70	70	Not Significant	Not Significant
	184	Dublin Road Residential (Crowcastle)	58	UT15	70	70	Not Significant	Not Significant	
	185	Aire Retail Park (Front)	64	AT12	70	70	Not Significant	Not Significant	
	186	24 Boromhe Willows	69	UT17	70	70	Slight to Moderate	Slight to Moderate	
	187	20-22 Boromhe Willows	66	UT16	65	65	Moderate to Significant	Moderate to Significant	
	188	16-18 Boromhe Willows	64	UT16	65	65	Slight to Moderate	Slight to Moderate	
	189	12-14 Boromhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
	190	8-10 Boromhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
	191	4-6 Boromhe Willows	60	UT16	65	65	Not Significant	Not Significant	
	192	2 Boromhe Willows	59	UT16	65	65	Not Significant	Not Significant	
	193	2-8 Boromhe Oaks	59	UT16	65	65	Not Significant	Not Significant	
	194	6-16 Boromhe Elms	60	UT16	65	65	Not Significant	Not Significant	
	195	17-24 Boromhe Elms	59	UT16	65	65	Not Significant	Not Significant	
	196	Premier Inn Hotel Airside	63	UT17	70	70	Not Significant	Not Significant	
	197	residential R132	58	UT16	65	65	Not Significant	Not Significant	
	198	Tara Winthrop clinic	57	UT16	65	65	Not Significant	Not Significant	
		182	Travelodge	54	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	45	UT14	70	70	Not Significant	Not Significant
184		Dublin Road Residential (Crowcastle)	57	UT15	70	70	Not Significant	Not Significant	
185		Aire Retail Park (Front)	63	AT12	70	70	Not Significant	Not Significant	
186		24 Boromhe Willows	69	UT17	70	70	Slight to Moderate	Slight to Moderate	
187		20-22 Boromhe Willows	65	UT16	65	65	Slight to Moderate	Slight to Moderate	

Fosterstown Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Concrete works	188	16-18 Boromimhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate
	189	12-14 Boromimhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate
	190	8-10 Boromimhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate
	191	4-6 Boromimhe Willows	60	UT16	65	65	Not Significant	Not Significant
	192	2 Boromimhe Willows	58	UT16	65	65	Not Significant	Not Significant
	193	2-8 Boromimhe Oaks	58	UT16	65	65	Not Significant	Not Significant
	194	6-16 Boromimhe Elms	59	UT16	65	65	Not Significant	Not Significant
	195	17-24 Boromimhe Elms	58	UT16	65	65	Not Significant	Not Significant
	196	Premier Inn Hotel Airside	62	UT17	70	70	Not Significant	Not Significant
	197	residential R132	57	UT16	65	65	Not Significant	Not Significant
Site reinstatement & landscaping works	198	Tara Winthrop clinic	56	UT16	65	65	Not Significant	Not Significant
	182	Travelodge	49	UT14	70	70	Not Significant	Not Significant
	183	Swords Veterinary Hospital	41	UT14	70	70	Not Significant	Not Significant
	184	Dublin Road Residential (Crowcastle)	53	UT15	70	70	Not Significant	Not Significant
	185	Aire Retail Park (Front)	59	AT12	70	70	Not Significant	Not Significant
	186	24 Boromimhe Willows	64	UT17	70	70	Slight to Moderate	Slight to Moderate
	187	20-22 Boromimhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate
	188	16-18 Boromimhe Willows	58	UT16	65	65	Not Significant	Not Significant
	189	12-14 Boromimhe Willows	57	UT16	65	65	Not Significant	Not Significant
	190	8-10 Boromimhe Willows	56	UT16	65	65	Not Significant	Not Significant
	191	4-6 Boromimhe Willows	55	UT16	65	65	Not Significant	Not Significant
	192	2 Boromimhe Willows	53	UT16	65	65	Not Significant	Not Significant
	193	2-8 Boromimhe Oaks	53	UT16	65	65	Not Significant	Not Significant
	194	6-16 Boromimhe Elms	55	UT16	65	65	Not Significant	Not Significant
	195	17-24 Boromimhe Elms	54	UT16	65	65	Not Significant	Not Significant
	196	Premier Inn Hotel Airside	58	UT17	70	70	Not Significant	Not Significant
	197	residential R132	53	UT16	65	65	Not Significant	Not Significant
	198	Tara Winthrop clinic	51	UT16	65	65	Not Significant	Not Significant

Fosterstown Station

Activity	Receptor		Predicted CNL, dB $L_{Aeq,T}$	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	
Remove and store topsoil	182	Travelodge	45	UT14	70	70	Not Significant	Not Significant	
	183	Swords Veterinary Hospital	40	UT14	70	70	Not Significant	Not Significant	
	184	Dublin Road Residential (Crowcastle)	50	UT15	70	70	Not Significant	Not Significant	
	185	Aire Retail Park (Front)	55	AT12	75	75	Not Significant	Not Significant	
	186	24 Boraimhe Willows	64	UT17	70	70	Slight to Moderate	Slight to Moderate	
	187	20-22 Boraimhe Willows	60	UT16	65	65	Not Significant	Not Significant	
	188	16-18 Boraimhe Willows	59	UT16	65	65	Not Significant	Not Significant	
	189	12-14 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant	
	190	8-10 Boraimhe Willows	57	UT16	65	65	Not Significant	Not Significant	
	191	4-6 Boraimhe Willows	56	UT16	65	65	Not Significant	Not Significant	
	192	2 Boraimhe Willows	55	UT16	65	65	Not Significant	Not Significant	
	193	2-8 Boraimhe Oaks	54	UT16	65	65	Not Significant	Not Significant	
	194	6-16 Boraimhe Elms	56	UT16	65	65	Not Significant	Not Significant	
	195	17-24 Boraimhe Elms	55	UT16	65	65	Not Significant	Not Significant	
	196	Premier Inn Hotel Airside	60	UT16	65	65	Not Significant	Not Significant	
	197	residential R132	54	UT17	70	70	Not Significant	Not Significant	
	198	Tara Winthrop clinic	52	UT16	65	65	Not Significant	Not Significant	
	Demolition	182	Travelodge	47	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	41	UT14	70	70	Not Significant	Not Significant
184		Dublin Road Residential (Crowcastle)	51	UT15	70	70	Not Significant	Not Significant	
185		Aire Retail Park (Front)	38	AT12	75	75	Not Significant	Not Significant	
186		24 Boraimhe Willows	67	UT17	70	70	Slight to Moderate	Slight to Moderate	
187		20-22 Boraimhe Willows	65	UT16	65	65	Slight to Moderate	Slight to Moderate	
188		16-18 Boraimhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
189		12-14 Boraimhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate	
190		8-10 Boraimhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
191		4-6 Boraimhe Willows	59	UT16	65	65	Not Significant	Not Significant	
192		2 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant	
193		2-8 Boraimhe Oaks	57	UT16	65	65	Not Significant	Not Significant	
194		6-16 Boraimhe Elms	58	UT16	65	65	Not Significant	Not Significant	
195		17-24 Boraimhe Elms	58	UT16	65	65	Not Significant	Not Significant	
196		Premier Inn Hotel Airside	64	UT17	70	70	Slight to Moderate	Slight to Moderate	
197		residential R132	57	UT16	65	65	Not Significant	Not Significant	
198		Tara Winthrop clinic	56	UT16	65	65	Not Significant	Not Significant	
Install guide walls & piling mat		182	Travelodge	52	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	44	UT14	70	70	Not Significant	Not Significant
	184	Dublin Road Residential (Crowcastle)	56	UT15	70	70	Not Significant	Not Significant	
	185	Aire Retail Park (Front)	60	AT12	75	75	Not Significant	Not Significant	
	186	24 Boraimhe Willows	68	UT17	70	70	Slight to Moderate	Slight to Moderate	
	187	20-22 Boraimhe Willows	64	UT16	65	65	Slight to Moderate	Slight to Moderate	
	188	16-18 Boraimhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
	189	12-14 Boraimhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
	190	8-10 Boraimhe Willows	60	UT16	65	65	Not Significant	Not Significant	
	191	4-6 Boraimhe Willows	59	UT16	65	65	Not Significant	Not Significant	
	192	2 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant	
	193	2-8 Boraimhe Oaks	58	UT16	65	65	Not Significant	Not Significant	
	194	6-16 Boraimhe Elms	60	UT16	65	65	Not Significant	Not Significant	
	195	17-24 Boraimhe Elms	59	UT16	65	65	Not Significant	Not Significant	
	196	Premier Inn Hotel Airside	63	UT17	70	70	Not Significant	Not Significant	
	197	residential R132	58	UT16	65	65	Not Significant	Not Significant	
	198	Tara Winthrop clinic	55	UT16	65	65	Not Significant	Not Significant	
	Secant Piling Works	182	Travelodge	54	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	47	UT14	70	70	Not Significant	Not Significant
184		Dublin Road Residential (Crowcastle)	57	UT15	70	70	Not Significant	Not Significant	
185		Aire Retail Park (Front)	63	AT12	75	75	Not Significant	Not Significant	
186		24 Boraimhe Willows	68	UT17	70	70	Slight to Moderate	Slight to Moderate	
187		20-22 Boraimhe Willows	65	UT16	65	65	Slight to Moderate	Slight to Moderate	
188		16-18 Boraimhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
189		12-14 Boraimhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate	
190		8-10 Boraimhe Willows	60	UT16	65	65	Not Significant	Not Significant	
191		4-6 Boraimhe Willows	60	UT16	65	65	Not Significant	Not Significant	
192		2 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant	
193		2-8 Boraimhe Oaks	58	UT16	65	65	Not Significant	Not Significant	
194		6-16 Boraimhe Elms	59	UT16	65	65	Not Significant	Not Significant	
195		17-24 Boraimhe Elms	58	UT16	65	65	Not Significant	Not Significant	
196		Premier Inn Hotel Airside	62	UT17	70	70	Not Significant	Not Significant	
197		residential R132	57	UT16	65	65	Not Significant	Not Significant	
198		Tara Winthrop clinic	56	UT16	65	65	Not Significant	Not Significant	
Excavation/Capping beams & propping		182	Travelodge	52	UT14	70	70	Not Significant	Not Significant
		183	Swords Veterinary Hospital	44	UT14	70	70	Not Significant	Not Significant
	184	Dublin Road Residential (Crowcastle)	55	UT15	70	70	Not Significant	Not Significant	
	185	Aire Retail Park (Front)	61	AT12	75	75	Not Significant	Not Significant	
	186	24 Boraimhe Willows	66	UT17	70	70	Slight to Moderate	Slight to Moderate	
	187	20-22 Boraimhe Willows	63	UT16	65	65	Slight to Moderate	Slight to Moderate	
	188	16-18 Boraimhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate	
	189	12-14 Boraimhe Willows	60	UT16	65	65	Not Significant	Not Significant	
	190	8-10 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant	
	191	4-6 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant	
	192	2 Boraimhe Willows	56	UT16	65	65	Not Significant	Not Significant	
	193	2-8 Boraimhe Oaks	56	UT16	65	65	Not Significant	Not Significant	
	194	6-16 Boraimhe Elms	58	UT16	65	65	Not Significant	Not Significant	
	195	17-24 Boraimhe Elms	57	UT16	65	65	Not Significant	Not Significant	
	196	Premier Inn Hotel Airside	61	UT17	70	70	Not Significant	Not Significant	
	197	residential R132	55	UT16	65	65	Not Significant	Not Significant	
	198	Tara Winthrop clinic	54	UT16	65	65	Not Significant	Not Significant	

Fosterstown Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Concrete works	182	Travelodge	52	UT14	70	70	Not Significant	Not Significant
	183	Swords Veterinary Hospital	44	UT14	70	70	Not Significant	Not Significant
	184	Dublin Road Residential (Crowcastle)	56	UT15	70	70	Not Significant	Not Significant
	185	Aire Retail Park (Front)	61	AT12	75	75	Not Significant	Not Significant
	186	24 Boraimhe Willows	67	UT17	70	70	Slight to Moderate	Slight to Moderate
	187	20-22 Boraimhe Willows	64	UT16	65	65	Slight to Moderate	Slight to Moderate
	188	16-18 Boraimhe Willows	62	UT16	65	65	Not Significant	Slight to Moderate
	189	12-14 Boraimhe Willows	60	UT16	65	65	Not Significant	Not Significant
	190	8-10 Boraimhe Willows	59	UT16	65	65	Not Significant	Not Significant
	191	4-6 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant
	192	2 Boraimhe Willows	56	UT16	65	65	Not Significant	Not Significant
	193	2-8 Boraimhe Oaks	56	UT16	65	65	Not Significant	Not Significant
	194	6-16 Boraimhe Elms	58	UT16	65	65	Not Significant	Not Significant
	195	17-24 Boraimhe Elms	57	UT16	65	65	Not Significant	Not Significant
	196	Premier Inn Hotel Airside	60	UT17	70	70	Not Significant	Not Significant
	197	residential R132	56	UT16	65	65	Not Significant	Not Significant
	198	Tara Winthrop clinic	54	UT16	65	65	Not Significant	Not Significant
	Site reinstatement & landscaping works	182	Travelodge	49	UT14	70	70	Not Significant
183		Swords Veterinary Hospital	41	UT14	70	70	Not Significant	Not Significant
184		Dublin Road Residential (Crowcastle)	53	UT15	70	70	Not Significant	Not Significant
185		Aire Retail Park (Front)	59	AT12	75	75	Not Significant	Not Significant
186		24 Boraimhe Willows	64	UT17	70	70	Slight to Moderate	Slight to Moderate
187		20-22 Boraimhe Willows	61	UT16	65	65	Not Significant	Slight to Moderate
188		16-18 Boraimhe Willows	58	UT16	65	65	Not Significant	Not Significant
189		12-14 Boraimhe Willows	57	UT16	65	65	Not Significant	Not Significant
190		8-10 Boraimhe Willows	56	UT16	65	65	Not Significant	Not Significant
191		4-6 Boraimhe Willows	55	UT16	65	65	Not Significant	Not Significant
192		2 Boraimhe Willows	53	UT16	65	65	Not Significant	Not Significant
193		2-8 Boraimhe Oaks	53	UT16	65	65	Not Significant	Not Significant
194		6-16 Boraimhe Elms	55	UT16	65	65	Not Significant	Not Significant
195		17-24 Boraimhe Elms	54	UT16	65	65	Not Significant	Not Significant
196		Premier Inn Hotel Airside	58	UT17	70	70	Not Significant	Not Significant
197		residential R132	53	UT16	65	65	Not Significant	Not Significant
198		Tara Winthrop clinic	51	UT16	65	65	Not Significant	Not Significant

Glasnevin Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Stage 1 & 2: Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	4	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	High Reach Demolition Machine/excavator	BS 5228-1:2009 Table C.7:1	82	2	0	0	40	0	0	
	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	2	0	0	40	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	GIKEN- Super Crusher piler	Manufacturer Reference	70	1	0	0	70	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	70	0	0	
	360 Excavator (20T)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	20	0	0	
Stage 3: North/South Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	3	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydrofrraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	2	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	25	0	0	
	GIKEN- Super Crusher piler	Manufacturer Reference	70	1	0	0	70	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	70	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
	Stage 4: North/South Station Excavation Works - Gound Level (includes batching plant)	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
Site Lighting		BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Stage 5: South Station	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	14	0	0	1	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0		

Glasnevin Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Piling/North-South excavation Works @ -7.73 BSL	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	3	0	0	20	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	1	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	25	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Stage 6: North/South subway Piling Works @ -7.73 BSL	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	2	0	0	80	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	1	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	25	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	

Glasnevin Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Stage 9 & 10: North Station Excavation Works & Bridge slide -7.73 BSL, Retaining wall & GSWR lowering/OHLE piling	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0	
GIKEN- Super Crusher piler	Manufacturer Reference	70	1	0	0	70	0	0	
Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	70	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	40	0	0	
Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	2	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	2	0	0	40	0	0	
Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	

Glasnevin Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
d Enabling & Utility Works, Si	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	4	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	High Reach Demolition Machine/excavator	BS 5228-1:2009 Table C.7:1	82 (-10)	2	0	0	40	0	0	
	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	2	0	0	40	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	GIKEN- Super Crusher piler	Manufacturer Reference	70	1	0	0	70	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	70	0	0	
	360 Excavator (20T)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	20	0	0	
	3: North/South Station Piling	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	3	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Bentonite Plant		BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
Pile Boring Rig (Contig/Secant)		BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
D-wall Hydrofraise		Manufacturer Reference	84	2	0	0	40	0	0	
D-Wall Rig		Manufacturer Reference	84	2	0	0	40	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82 (-10)	2	0	0	25	0	0	
GIKEN- Super Crusher piler		Manufacturer Reference	70	1	0	0	70	0	0	
Diesel Generator		BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	70	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Mobile 80T		BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
Excavation Works - Gound L		HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	a Piling/North-South excavatic	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	14	0	0	1	0	0
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
		Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
		Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
		Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
		Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
		Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
		Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
		Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	

Glasnevin Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	3	0	0	20	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	1	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	2	0	0	25	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
h/South subway Piling Works	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	2	0	0	80	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	1	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	2	0	0	25	0	0
	ion Excavation/ramp/concrete	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0
Site Lighting		BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
Concrete Pump		BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Works -7.73 BSL & MGWR v	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	20	0	0	
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	

Glasnevin Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
s & Bridge slide -7.73 BSL, F	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0	
GIKEN- Super Crusher piler	Manufacturer Reference	70	1	0	0	70	0	0	
Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	70	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0	
Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	40	0	0	
Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	2	0	0	20	0	0	
Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	2	0	0	40	0	0	
Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	

South Station Works Excavati

Glasnevin Station

Activity	Receptor		Predicted CLN, dB <i>L_{day,T}</i>	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	
									Daytime
Stage 9 & 10: North Station Excavation Works & Bridge slide -7.73 BSL, Retaining wall & GSWR lowering/OHLE piling	3	49-50 Dalcassian Downs	59	UT40	65	65	Slight to Moderate	Slight to Moderate	
	4	51-52 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	5	53-54 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	6	55 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
	7	56-57 Dalcassian Downs	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	8	58 Dalcassian Downs	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	9	59-60 Dalcassian Downs	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	10	61-62 Dalcassian Downs	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	11	63-64 Dalcassian Downs	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	12	65-66 Dalcassian Downs	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	13	1-18 The Court Apartments, Dalcassian D	75	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	14	1-18 The Court Apartments, Dalcassian D	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	15	19-36 The Court Apartments, Dalcassian	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
	16	19-36 The Court Apartments, Dalcassian	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	63	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	67	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	68	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Prospect Raoad	66	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	68	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	23	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	24	Cross Gun Quay Apartments	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
	25	Cross Gun Quay Apartments	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	26	Cross Gun Quay Apartments	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	27	3 Shandon Mill	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	59	UT40	65	65	Slight to Moderate	Slight to Moderate	
	29	10-24 Shandon Mills	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	30	Project Lodge	74	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	Stage 11, 12 & 13: North/South Station Excavation/concrete Works -7.73 BSL &	1	46 Dalcassian Downs	57	UT40	65	65	Slight to Moderate	Slight to Moderate
		2	47-48 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
3		49-50 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
4		51-52 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
5		53-54 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
6		55 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
7		56-57 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
8		58 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
9		59-60 Dalcassian Downs	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
10		61-62 Dalcassian Downs	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
11		63-64 Dalcassian Downs	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
12		65-66 Dalcassian Downs	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
13		1-18 The Court Apartments, Dalcassian D	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
14		1-18 The Court Apartments, Dalcassian D	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
15		19-36 The Court Apartments, Dalcassian	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
16		19-36 The Court Apartments, Dalcassian	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
17		10-12 Prospect Road	63	AT36	75	75	Not Significant	Not Significant	
18		13 Prospect Road	68	AT36	75	75	Not Significant	Not Significant	
19		15 - Prospect Road	69	AT36	75	75	Not Significant	Not Significant	
20		18-19 Prospect Raoad	65	AT36	75	75	Not Significant	Not Significant	
21		Cross Gun Quay Apartments	68	AT36	75	75	Not Significant	Not Significant	
22		Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
23		Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
24		Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
25		Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
26		Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
27		3 Shandon Mill	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
28		10-24 Shandon Mills	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
29		10-24 Shandon Mills	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
30		Project Lodge	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	

Glasnevin Station

Activity	Receptor		Predicted CLN, dB <i>L_{req,T}</i>	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	Stage 1 & 2: Advanced Enabling & Utility Works, Site Preparation Works	1	46 Dalcassian Downs	56	UT40	65	65	Slight to Moderate
2		47-48 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
3		49-50 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
4		51-52 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
5		53-54 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
6		55 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
7		56-57 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
8		58 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate
9		59-60 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant
10		61-62 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant
11		63-64 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant
12		65-66 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant
13		1-18 The Court Apartments, Dalcassian D	74	UT40	65	65	Significant to Very Significant	Significant to Very Significant
14		1-18 The Court Apartments, Dalcassian D	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant
15		19-36 The Court Apartments, Dalcassian	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant
16		19-36 The Court Apartments, Dalcassian	76	UT40	65	65	Significant to Very Significant	Significant to Very Significant
17		10-12 Prospect Road	64	AT36	75	75	Not Significant	Not Significant
18		13 Prospect Road	68	AT36	75	75	Not Significant	Not Significant
19		15 - Prospect Road	69	AT36	75	75	Not Significant	Not Significant
20		18-19 Prospect Raoad	66	AT36	75	75	Not Significant	Not Significant
21		Cross Gun Quay Apartments	67	AT36	75	75	Not Significant	Not Significant
22		Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant
23		Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant
24		Cross Gun Quay Apartments	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant
25		Cross Gun Quay Apartments	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant
26		Cross Gun Quay Apartments	70	UT40	65	65	Moderate to Significant	Moderate to Significant
27		3 Shandon Mill	64	UT40	65	65	Slight to Moderate	Slight to Moderate
28		10-24 Shandon Mills	58	UT40	65	65	Slight to Moderate	Slight to Moderate
29		10-24 Shandon Mills	57	UT40	65	65	Slight to Moderate	Slight to Moderate
30		Propect Lodge	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant
Stage 3: North/South Station Piling Works	1	46 Dalcassian Downs	51	UT40	65	65	Not Significant	Not Significant
	2	47-48 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate
	3	49-50 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
	4	51-52 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
	5	53-54 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
	6	55 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate
	7	56-57 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant
	8	58 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant
	9	59-60 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant
	10	61-62 Dalcassian Downs	69	UT40	65	65	Moderate to Significant	Moderate to Significant
	11	63-64 Dalcassian Downs	69	UT40	65	65	Moderate to Significant	Moderate to Significant
	12	65-66 Dalcassian Downs	70	UT40	65	65	Moderate to Significant	Moderate to Significant
	13	1-18 The Court Apartments, Dalcassian D	76	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	14	1-18 The Court Apartments, Dalcassian D	79	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	15	19-36 The Court Apartments, Dalcassian	80	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	16	19-36 The Court Apartments, Dalcassian	80	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	17	10-12 Prospect Road	68	AT36	75	75	Not Significant	Not Significant
	18	13 Prospect Road	75	AT36	75	75	Slight to Moderate	Slight to Moderate
	19	15 - Prospect Road	76	AT36	75	75	Moderate to Significant	Moderate to Significant
	20	18-19 Prospect Raoad	72	AT36	75	75	Not Significant	Not Significant
	21	Cross Gun Quay Apartments	74	AT36	75	75	Not Significant	Not Significant
	22	Cross Gun Quay Apartments	74	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	23	Cross Gun Quay Apartments	74	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	24	Cross Gun Quay Apartments	76	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	25	Cross Gun Quay Apartments	75	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	26	Cross Gun Quay Apartments	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	27	3 Shandon Mill	64	UT40	65	65	Slight to Moderate	Slight to Moderate
	28	10-24 Shandon Mills	59	UT40	65	65	Slight to Moderate	Slight to Moderate
	29	10-24 Shandon Mills	58	UT40	65	65	Slight to Moderate	Slight to Moderate
	30	Propect Lodge	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant
Stage 4: North/South Station Excavation Works - Ground Level (includes batching plant)	1	46 Dalcassian Downs	54	UT40	65	65	Not Significant	Slight to Moderate
	2	47-48 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate
	3	49-50 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate
	4	51-52 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate
	5	53-54 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate
	6	55 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate
	7	56-57 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
	8	58 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate
	9	59-60 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate
	10	61-62 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
	11	63-64 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
	12	65-66 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant
	13	1-18 The Court Apartments, Dalcassian D	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	14	1-18 The Court Apartments, Dalcassian D	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	15	19-36 The Court Apartments, Dalcassian	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	16	19-36 The Court Apartments, Dalcassian	74	UT40	65	65	Significant to Very Significant	Significant to Very Significant
	17	10-12 Prospect Road	63	AT36	75	75	Not Significant	Not Significant
	18	13 Prospect Road	69	AT36	75	75	Not Significant	Not Significant
	19	15 - Prospect Road	69	AT36	75	75	Not Significant	Not Significant
	20	18-19 Prospect Raoad	66	AT36	75	75	Not Significant	Not Significant
	21	Cross Gun Quay Apartments	68	AT36	75	75	Not Significant	Not Significant
	22	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant
	23	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant
	24	Cross Gun Quay Apartments	70	UT40	65	65	Moderate to Significant	Moderate to Significant
	25	Cross Gun Quay Apartments	69	UT40	65	65	Moderate to Significant	Moderate to Significant
	26	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant
	27	3 Shandon Mill	62	UT40	65	65	Slight to Moderate	Slight to Moderate
	28	10-24 Shandon Mills	57	UT40	65	65	Slight to Moderate	Slight to Moderate
	29	10-24 Shandon Mills	55	UT40	65	65	Not Significant	Slight to Moderate
	30	Propect Lodge	67	UT40	65	65	Moderate to Significant	Moderate to Significant
Stage 5: Final Site Preparation Works	1	46 Dalcassian Downs	47	UT40	65	65	Not Significant	Not Significant
	2	47-48 Dalcassian Downs	57	UT40	65	65	Slight to Moderate	Slight to Moderate
	3	49-50 Dalcassian Downs	57	UT40	65	65	Slight to Moderate	Slight to Moderate
	4	51-52 Dalcassian Downs	56	UT40	65	65	Slight to Moderate	Slight to Moderate
	5	53-54 Dalcassian Downs	56	UT40	65	65	Slight to Moderate	Slight to Moderate
	6	55 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate

Glasnevin Station

Activity	Receptor		Predicted CLN, dB <i>L_{req,T}</i>	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Stage 5: South Station Piling/North-South excavation Works @ -7.73 BSL	7	56-57 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	8	58 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	9	59-60 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	10	61-62 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	11	63-64 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	12	65-66 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
	13	1-18 The Court Apartments, Dalcassian D	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	14	1-18 The Court Apartments, Dalcassian D	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	15	19-36 The Court Apartments, Dalcassian	76	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	16	19-36 The Court Apartments, Dalcassian	77	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	70	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	71	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Prospect Raoad	66	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	72	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	23	Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	24	Cross Gun Quay Apartments	75	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	25	Cross Gun Quay Apartments	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	26	Cross Gun Quay Apartments	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	27	3 Shandon Mill	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	55	UT40	65	65	Not Significant	Slight to Moderate	
	29	10-24 Shandon Mills	54	UT40	65	65	Not Significant	Slight to Moderate	
	30	Propect Lodge	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	Stage 6: North/South subway Piling Works @ -7.73 BSL	1	46 Dalcassian Downs	49	UT40	65	65	Not Significant	Not Significant
		2	47-48 Dalcassian Downs	59	UT40	65	65	Slight to Moderate	Slight to Moderate
		3	49-50 Dalcassian Downs	59	UT40	65	65	Slight to Moderate	Slight to Moderate
		4	51-52 Dalcassian Downs	59	UT40	65	65	Slight to Moderate	Slight to Moderate
		5	53-54 Dalcassian Downs	59	UT40	65	65	Slight to Moderate	Slight to Moderate
		6	55 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate
7		56-57 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
8		58 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
9		59-60 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
10		61-62 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
11		63-64 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
12		65-66 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
13		1-18 The Court Apartments, Dalcassian D	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
14		1-18 The Court Apartments, Dalcassian D	73	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
15		19-36 The Court Apartments, Dalcassian	75	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
16		19-36 The Court Apartments, Dalcassian	76	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
17		10-12 Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
18		13 Prospect Road	70	AT36	75	75	Not Significant	Not Significant	
19		15 - Prospect Road	70	AT36	75	75	Not Significant	Not Significant	
20		18-19 Prospect Raoad	66	AT36	75	75	Not Significant	Not Significant	
21		Cross Gun Quay Apartments	72	AT36	75	75	Not Significant	Not Significant	
22		Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
23		Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
24		Cross Gun Quay Apartments	75	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
25		Cross Gun Quay Apartments	74	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
26		Cross Gun Quay Apartments	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
27		3 Shandon Mill	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
28		10-24 Shandon Mills	56	UT40	65	65	Slight to Moderate	Slight to Moderate	
29		10-24 Shandon Mills	55	UT40	65	65	Not Significant	Slight to Moderate	
30		Propect Lodge	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
Stage 7: South Station Excavation/ramp/concrete Works - 7.73 BSL	1	46 Dalcassian Downs	54	UT40	65	65	Not Significant	Slight to Moderate	
	2	47-48 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	3	49-50 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	4	51-52 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	5	53-54 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	6	55 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	7	56-57 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	8	58 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	9	59-60 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	10	61-62 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	11	63-64 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	12	65-66 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	13	1-18 The Court Apartments, Dalcassian D	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	14	1-18 The Court Apartments, Dalcassian D	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
	15	19-36 The Court Apartments, Dalcassian	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	16	19-36 The Court Apartments, Dalcassian	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	61	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	64	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Propsect Raoad	61	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	62	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	23	Cross Gun Quay Apartments	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	24	Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	25	Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	26	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	27	3 Shandon Mill	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	56	UT40	65	65	Slight to Moderate	Slight to Moderate	
	29	10-24 Shandon Mills	54	UT40	65	65	Not Significant	Slight to Moderate	
	30	Propect Lodge	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
Stage 8: South Station	1	46 Dalcassian Downs	56	UT40	65	65	Slight to Moderate	Slight to Moderate	
	2	47-48 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	3	49-50 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	4	51-52 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	5	53-54 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	6	55 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	7	56-57 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	8	58 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	9	59-60 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	10	61-62 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	11	63-64 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	12	65-66 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	

Glasnevin Station

Activity	Receptor		Predicted CLN, dB <i>L_{req,T}</i>	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	
			Daytime						
Excavation/concrete Works - 7.73 BSL & MGWR west tunnel demolition & OHLE piling works	13	1-18 The Court Apartments, Dalcassian D	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	14	1-18 The Court Apartments, Dalcassian D	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	15	19-36 The Court Apartments, Dalcassian	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	16	19-36 The Court Apartments, Dalcassian	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	61	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Prospect Road	62	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	65	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	23	Cross Gun Quay Apartments	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	24	Cross Gun Quay Apartments	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	25	Cross Gun Quay Apartments	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	26	Cross Gun Quay Apartments	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
	27	3 Shandon Mill	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	29	10-24 Shandon Mills	56	UT40	65	65	Slight to Moderate	Slight to Moderate	
	30	Propect Lodge	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
	Stage 9 & 10: North Station Excavation Works & Bridge slide - 7.73 BSL, Retaining wall & GSWR lowering/OHLE piling	1	46 Dalcassian Downs	46	UT40	65	65	Not Significant	Not Significant
		2	47-48 Dalcassian Downs	56	UT40	65	65	Slight to Moderate	Slight to Moderate
		3	49-50 Dalcassian Downs	56	UT40	65	65	Slight to Moderate	Slight to Moderate
		4	51-52 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate
		5	53-54 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate
		6	55 Dalcassian Downs	62	UT40	65	65	Slight to Moderate	Slight to Moderate
		7	56-57 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate
		8	58 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate
		9	59-60 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant
		10	61-62 Dalcassian Downs	68	UT40	65	65	Moderate to Significant	Moderate to Significant
		11	63-64 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant
		12	65-66 Dalcassian Downs	67	UT40	65	65	Moderate to Significant	Moderate to Significant
13		1-18 The Court Apartments, Dalcassian D	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
14		1-18 The Court Apartments, Dalcassian D	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
15		19-36 The Court Apartments, Dalcassian	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
16		19-36 The Court Apartments, Dalcassian	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
17		10-12 Prospect Road	61	AT36	75	75	Not Significant	Not Significant	
18		13 Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
19		15 - Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
20		18-19 Prospect Road	63	AT36	75	75	Not Significant	Not Significant	
21		Cross Gun Quay Apartments	65	AT36	75	75	Not Significant	Not Significant	
22		Cross Gun Quay Apartments	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
23		Cross Gun Quay Apartments	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
24		Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
25		Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
26		Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
27		3 Shandon Mill	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
28		10-24 Shandon Mills	55	UT40	65	65	Not Significant	Slight to Moderate	
29		10-24 Shandon Mills	54	UT40	65	65	Not Significant	Slight to Moderate	
30		Propect Lodge	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
Stage 11, 12 & 13: North/South Station Excavation/concrete Works - 7.73 BSL &	1	46 Dalcassian Downs	54	UT40	65	65	Not Significant	Slight to Moderate	
	2	47-48 Dalcassian Downs	59	UT40	65	65	Slight to Moderate	Slight to Moderate	
	3	49-50 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	4	51-52 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	5	53-54 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	6	55 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	7	56-57 Dalcassian Downs	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	8	58 Dalcassian Downs	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	9	59-60 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
	10	61-62 Dalcassian Downs	66	UT40	65	65	Moderate to Significant	Moderate to Significant	
	11	63-64 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	12	65-66 Dalcassian Downs	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	13	1-18 The Court Apartments, Dalcassian D	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
	14	1-18 The Court Apartments, Dalcassian D	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
	15	19-36 The Court Apartments, Dalcassian	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	16	19-36 The Court Apartments, Dalcassian	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	61	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	66	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	66	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Prospect Road	62	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	65	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	23	Cross Gun Quay Apartments	65	UT40	65	65	Slight to Moderate	Slight to Moderate	
	24	Cross Gun Quay Apartments	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	25	Cross Gun Quay Apartments	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	26	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	27	3 Shandon Mill	62	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	57	UT40	65	65	Slight to Moderate	Slight to Moderate	
	29	10-24 Shandon Mills	55	UT40	65	65	Not Significant	Slight to Moderate	
	30	Propect Lodge	69	UT40	65	65	Moderate to Significant	Moderate to Significant	

Glasnevin Station

Activity	Receptor		Predicted CLN, dB L _{eq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day	Saturday Morning	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
						(07:00 - 19:00)	(07:00 - 13:00)		
	27	3 Shandon Mill	59	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	54	UT40	65	65	Slight to Moderate	Slight to Moderate	
	29	10-24 Shandon Mills	53	UT40	65	65	Slight to Moderate	Slight to Moderate	
	30	Propect Lodge	70	UT40	65	65	Moderate to Significant	Moderate to Significant	
Stage 9 & 10: North Station Excavation Works & Bridge slide - 7.73 BSL, Retaining wall & GSWR lowering/OHLE piling	1	46 Dalcassian Downs	45	UT40	65	65	Not Significant	Not Significant	
	2	47-48 Dalcassian Downs	54	UT40	65	65	Slight to Moderate	Slight to Moderate	
	3	49-50 Dalcassian Downs	55	UT40	65	65	Slight to Moderate	Slight to Moderate	
	4	51-52 Dalcassian Downs	56	UT40	65	65	Slight to Moderate	Slight to Moderate	
	5	53-54 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	6	55 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	7	56-57 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	8	58 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	9	59-60 Dalcassian Downs	62	UT40	65	65	Moderate to Significant	Moderate to Significant	
	10	61-62 Dalcassian Downs	62	UT40	65	65	Moderate to Significant	Moderate to Significant	
	11	63-64 Dalcassian Downs	62	UT40	65	65	Moderate to Significant	Moderate to Significant	
	12	65-66 Dalcassian Downs	62	UT40	65	65	Moderate to Significant	Moderate to Significant	
	13	1-18 The Court Apartments, Dalcassian D	70	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	14	1-18 The Court Apartments, Dalcassian D	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	15	19-36 The Court Apartments, Dalcassian	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	16	19-36 The Court Apartments, Dalcassian	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	60	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	63	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	64	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Prospect Road	59	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	63	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	23	Cross Gun Quay Apartments	64	UT40	65	65	Slight to Moderate	Slight to Moderate	
	24	Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	25	Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	26	Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	27	3 Shandon Mill	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	53	UT40	65	65	Not Significant	Slight to Moderate	
	29	10-24 Shandon Mills	52	UT40	65	65	Not Significant	Slight to Moderate	
	30	Propect Lodge	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
Stage 11, 12 & 13: North/South Station Excavation/concrete Works -7.73 BSL &	1	46 Dalcassian Downs	51	UT40	65	65	Not Significant	Slight to Moderate	
	2	47-48 Dalcassian Downs	57	UT40	65	65	Slight to Moderate	Slight to Moderate	
	3	49-50 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	4	51-52 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	5	53-54 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	6	55 Dalcassian Downs	58	UT40	65	65	Slight to Moderate	Slight to Moderate	
	7	56-57 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	8	58 Dalcassian Downs	60	UT40	65	65	Slight to Moderate	Slight to Moderate	
	9	59-60 Dalcassian Downs	61	UT40	65	65	Moderate to Significant	Moderate to Significant	
	10	61-62 Dalcassian Downs	61	UT40	65	65	Moderate to Significant	Moderate to Significant	
	11	63-64 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	12	65-66 Dalcassian Downs	61	UT40	65	65	Slight to Moderate	Slight to Moderate	
	13	1-18 The Court Apartments, Dalcassian D	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	14	1-18 The Court Apartments, Dalcassian D	69	UT40	65	65	Moderate to Significant	Moderate to Significant	
	15	19-36 The Court Apartments, Dalcassian	71	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	16	19-36 The Court Apartments, Dalcassian	72	UT40	65	65	Significant to Very Significant	Significant to Very Significant	
	17	10-12 Prospect Road	60	AT36	75	75	Not Significant	Not Significant	
	18	13 Prospect Road	64	AT36	75	75	Not Significant	Not Significant	
	19	15 - Prospect Road	65	AT36	75	75	Not Significant	Not Significant	
	20	18-19 Prospect Road	59	AT36	75	75	Not Significant	Not Significant	
	21	Cross Gun Quay Apartments	63	AT36	75	75	Not Significant	Not Significant	
	22	Cross Gun Quay Apartments	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	23	Cross Gun Quay Apartments	63	UT40	65	65	Slight to Moderate	Slight to Moderate	
	24	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	25	Cross Gun Quay Apartments	68	UT40	65	65	Moderate to Significant	Moderate to Significant	
	26	Cross Gun Quay Apartments	67	UT40	65	65	Moderate to Significant	Moderate to Significant	
	27	3 Shandon Mill	59	UT40	65	65	Slight to Moderate	Slight to Moderate	
	28	10-24 Shandon Mills	54	UT40	65	65	Slight to Moderate	Slight to Moderate	
	29	10-24 Shandon Mills	52	UT40	65	65	Not Significant	Slight to Moderate	
	30	Propect Lodge	68	UT40	65	65	Moderate to Significant	Moderate to Significant	

Glasnevin Track Lowering

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Track Lowering	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	6	6	0	100	100
	RRV 360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	4	4	4	80	80	80
	RRV Dozer (D4)	BS 5228-1:2009 Table C.2:10	80	2	2	2	70	70	70
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	2	2	40	40	40
	Tamper	Estimate	91	1	1	1	10	10	10
	Compacting Equipment	BS 5228-1:2009 Table C.5:29	82	2	2	2	10	10	10
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	1	1	100	50	50
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	1	1	10	10	10
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	20	20	20	1	1	1
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	1	1	10	10	10
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	1	1	40	40	40	

Glasnevin Track Lowering

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Track Lowering	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-15)	6	6	6	0	100	100
	RRV 360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	4	4	4	80	80	80
	RRV Dozer (D4)	BS 5228-1:2009 Table C.2:10	80	2	2	2	70	70	70
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	2	2	40	40	40
	Tamper	Estimate	91	1	1	1	10	10	10
	Compacting Equipment	BS 5228-1:2009 Table C.5:29	82 (-10)	2	2	2	10	10	10
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	1	1	100	50	50
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	1	1	10	10	10
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	20	20	20	1	1	1
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78 (-10)	1	1	1	10	10	10
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	1	1	40	40	40	

Griffith Park Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0		
Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	Excavation - Ground Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Excavation - Underground		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
		Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
		Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	

Griffith Park Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0
Concrete Batching Plant - Opera	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	15	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	25	25
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	40	40
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	Chipping Concrete	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	20	20
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	40	40
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0

Griffith Park Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility	Chain Saw	BS 5228-1:2009 Table C.4:72	79 (-10)	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0		
Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	1	0	0	20	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Excavation - Ground Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63 (-10)	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63 (-10)	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Excavation - Underground		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
		Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
		Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	

Griffith Park Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0
Concrete Batching Plant - Opera	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	15	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	25	25
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	40	40
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	Chipping Concrete	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63 (-10)	1	0	0	20	20	20
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	40	40
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Whitehall College	77	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mohbi National Sc	67	-	-	UT35	65	65	-	Moderate to Significant	Moderate to Significant	Moderate to Significant	Moderate to Significant	-
	3	GNS Fitness	60	-	-	UT33	65	65	-	Slight to Moderate	Not Significant	Slight to Moderate	Not Significant	-
	4	154-180 Home Farm Ro	55	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	53	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	106-116 Walsh Road	51	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	66 R108	65	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	9 St Ita's Road	64	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	9	10 St Ita's Road	62	-	-	UT35	65	65	55	Not Significant	Slight to Moderate	Not Significant	Slight to Moderate	-
	10	Glasnevin Sports Club	63	-	-	UT34	75	75	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	59	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	12	Glasnevin School	59	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	13	Dolours Catholic Church	57	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	14	St Malachy Rd	60	-	-	UT33	65	65	55	Slight to Moderate	Not Significant	Slight to Moderate	Not Significant	-
	15	3/4 St Mohbi Dr	59	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	16	5 St Mohbi Dr	54	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	66	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	69	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	69	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	68	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	67	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	31	River Gardens	55	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	46	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
Piling Works	1	Whitehall College	74	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mohbi National Sc	69	-	-	UT35	65	65	-	Moderate to Significant	Moderate to Significant	Moderate to Significant	Moderate to Significant	-
	3	GNS Fitness	62	-	-	UT33	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	4	154-180 Home Farm Ro	57	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	55	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	106-116 Walsh Road	52	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	66 R108	67	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	9 St Ita's Road	65	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	9	10 St Ita's Road	63	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	10	Glasnevin Sports Club	65	-	-	UT34	75	75	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	62	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	12	Glasnevin School	61	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	13	Dolours Catholic Church	58	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	14	St Malachy Rd	61	-	-	UT33	65	65	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	15	3/4 St Mohbi Dr	60	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	16	5 St Mohbi Dr	56	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	69	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	71	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	19	117/119 St Mohbi Rd	71	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	20	113/115 St Mohbi Rd	70	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	69	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	67	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	31	River Gardens	53	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Excavation Gound Level	32	116 - 122 River Gardens	46	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	1	Whitehall College	77	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	71	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	3	GNS Fitness	64	-	-	UT33	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	4	154-180 Home Farm Ro	59	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	57	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	106-116 Walsh Road	54	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	66 R108	70	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	9 St Ita's Road	67	-	-	UT35	65	65	55	Moderate to Significant	Moderate to Significant	Moderate to Significant	Moderate to Significant	-
	9	10 St Ita's Road	65	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	10	Glasnevin Sports Club	67	-	-	UT34	75	75	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	63	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	12	Glasnevin School	63	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	13	Dolours Catholic Church	60	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	14	St Malachy Rd	63	-	-	UT33	65	65	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	15	3/4 St Mobhi Dr	62	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	16	5 St Mobhi Dr	58	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	17	125/127 St Mobhi Rd	71	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	18	121/123 St Mobhi Rd	73	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	19	117/119 St Mobhi Rd	73	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	20	113/115 St Mobhi Rd	73	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	21	109/111 St Mobhi Rd	71	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	22	105/107 St Mobhi Rd	69	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	23	101/103 St Mobhi Rd	67	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	24	97/99 St Mobhi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	25	93/95 St Mobhi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	26	89/91 St Mobhi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	27	85/87 St Mobhi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	28	81/83 St Mobhi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	29	77/79 St Mobhi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	30	73/75 St Mobhi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	31	River Gardens	56	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
32	116 - 122 River Gardens	49	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-	
Excavation Underground	1	Whitehall College	74	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	65	-	-	UT35	65	65	-	Slight to Moderate	Slight to Moderate	Slight to Moderate	Slight to Moderate	-
	3	GNS Fitness	59	-	-	UT33	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	53	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	51	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	106-116 Walsh Road	48	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	66 R108	63	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	9 St Ita's Road	61	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	9	10 St Ita's Road	59	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	61	-	-	UT34	75	75	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	58	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	12	Glasnevin School	57	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	13	Dolours Catholic Church	55	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	14	St Malachy Rd	58	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	56	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	54	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	17	125/127 St Mobhi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	18	121/123 St Mobhi Rd	67	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	19	117/119 St Mobhi Rd	67	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	20	113/115 St Mobhi Rd	66	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	21	109/111 St Mobhi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	22	105/107 St Mobhi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	23	101/103 St Mobhi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	24	97/99 St Mobhi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	25	93/95 St Mobhi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	26	89/91 St Mobhi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	27	85/87 St Mobhi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	28	81/83 St Mobhi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	29	77/79 St Mobhi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	30	73/75 St Mobhi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Finishing & Fit-Out Works	31	River Gardens	52	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	44	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	1	Whitehall College	72	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	62	-	-	UT35	65	65	-	Not Significant	Slight to Moderate	Not Significant	Slight to Moderate	-
	3	GNS Fitness	55	-	-	UT33	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	51	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	48	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	6	106-116 Walsh Road	46	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	7	66 R108	60	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	8	9 St Ita's Road	60	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	9	10 St Ita's Road	57	-	-	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	58	-	-	UT34	75	75	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	55	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	12	Glasnevin School	54	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	13	Dolours Catholic Church	52	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	14	St Malachy Rd	56	-	-	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	55	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	50	-	-	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	17	125/127 St Mobhi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	18	121/123 St Mobhi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	19	117/119 St Mobhi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	20	113/115 St Mobhi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	21	109/111 St Mobhi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	22	105/107 St Mobhi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	23	101/103 St Mobhi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	24	97/99 St Mobhi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	25	93/95 St Mobhi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	26	89/91 St Mobhi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	27	85/87 St Mobhi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	28	81/83 St Mobhi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	29	77/79 St Mobhi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
	30	73/75 St Mobhi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	-
31	River Gardens	50	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-	
32	116 - 122 River Gardens	41	-	-	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	-	
Batching Plant	1	Whitehall College	74	69	69	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	Significant to Very Significant	-
	2	Primary School	66	62	62	UT35	65	65	-	Moderate to Significant	Moderate to Significant	Moderate to Significant	Moderate to Significant	-
	3	GNS Fitness	59	54	54	UT33	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	53	48	48	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	5	34 - 40 Walsh Road	49	45	45	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	6	106-116 Walsh Road	48	44	44	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	7	66 R108	64	59	59	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant
	8	9 St Ita's Road	62	57	57	UT35	65	65	55	Not Significant	Slight to Moderate	Not Significant	Slight to Moderate	Significant
	9	10 St Ita's Road	60	55	55	UT35	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Moderate to Significant
	10	Glasnevin Sports Club	61	56	56	UT34	75	75	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	58	53	53	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	12	Glasnevin School	58	53	53	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	13	Dolours Catholic Church	55	51	51	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	14	St Malachy Rd	59	54	54	UT33	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	15	3/4 St Mobhi Dr	56	51	51	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	55	50	50	AT31	65	65	-	Not Significant	Not Significant	Not Significant	Not Significant	-
	17	125/127 St Mobhi Rd	66	61	61	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant to Very Significant
	18	121/123 St Mobhi Rd	67	62	62	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant to Very Significant
	19	117/119 St Mobhi Rd	67	62	62	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant to Very Significant
	20	113/115 St Mobhi Rd	65	60	60	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant
	21	109/111 St Mobhi Rd	64	59	59	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant
	22	105/107 St Mobhi Rd	62	57	57	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Significant
	23	101/103 St Mobhi Rd	60	55	55	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Moderate to Significant
	24	97/99 St Mobhi Rd	59	54	54	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	25	93/95 St Mobhi Rd	58	53	53	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	26	89/91 St Mobhi Rd	57	52	52	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	27	85/87 St Mobhi Rd	56	51	51	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	28	81/83 St Mobhi Rd	55	50	50	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	29	77/79 St Mobhi Rd	54	49	49	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
	30	73/75 St Mohbi Rd	53	49	49	UT34	75	75	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	31	River Gardens	50	46	46	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
	32	116 - 122 River Gardens	43	38	38	AT31	65	65	55	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Whitehall College	71	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	61	-	-	UT35	65	65	-	Not Significant	Not Significant	-
	3	GNS Fitness	54	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	50	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	47	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	46	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	58	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	9	10 St Ita's Road	62	-	-	UT35	65	65	55	Not Significant	Slight to Moderate	-
	10	Glasnevin Sports Club	57	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	12	Glasnevin School	53	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	13	Dolours Catholic Church	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	55	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	50	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	50	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	50	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	42	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	1	Whitehall College	74	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	68	-	-	UT35	65	65	-	Moderate to Significant	Moderate to Significant	-
	3	GNS Fitness	61	-	-	UT33	65	65	-	Slight to Moderate	Slight to Moderate	-
	4	154-180 Home Farm Ro	56	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	55	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	52	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	67	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	64	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	-
	9	10 St Ita's Road	63	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	-
	10	Glasnevin Sports Club	64	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	61	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	-
	12	Glasnevin School	61	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	-
	13	Dolours Catholic Church	58	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	61	-	-	UT33	65	65	55	Slight to Moderate	Slight to Moderate	-

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Piling Works	15	3/4 St Mobhi Dr	60	-	-	AT31	65	65	-	Slight to Moderate	Slight to Moderate	-
	16	5 St Mobhi Dr	56	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	69	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	71	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	-
	19	117/119 St Mohbi Rd	71	-	-	UT34	75	75	55	Slight to Moderate	Slight to Moderate	-
	20	113/115 St Mohbi Rd	70	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	68	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	66	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
Excavation - Gound Level	29	77/79 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	53	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	46	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	1	Whitehall College	74	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	66	-	-	UT35	65	65	-	Moderate to Significant	Moderate to Significant	-
	3	GNS Fitness	59	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	54	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	52	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	49	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	62	-	-	UT35	65	65	55	Not Significant	Slight to Moderate	-
	9	10 St Ita's Road	65	-	-	UT35	65	65	55	Slight to Moderate	Slight to Moderate	-
	10	Glasnevin Sports Club	62	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	59	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	12	Glasnevin School	58	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	13	Dolours Catholic Church	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	59	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	58	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	66	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	68	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	68	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	67	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	66	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
25	93/95 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
26	89/91 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
27	85/87 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
28	81/83 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-	

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
	29	77/79 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	53	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	45	-	-	AT31	65	65	55	Not Significant	Not Significant	-
Excavation - Underground	1	Whitehall College	73	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	63	-	-	UT35	65	65	-	Slight to Moderate	Slight to Moderate	-
	3	GNS Fitness	57	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	51	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	49	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	45	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	59	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	9	10 St Ita's Road	59	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	59	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	12	Glasnevin School	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	13	Dolours Catholic Church	53	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	56	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	53	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	52	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	43	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	1	Whitehall College	72	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	62	-	-	UT35	65	65	-	Not Significant	Slight to Moderate	-
	3	GNS Fitness	55	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Ro	51	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	48	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	46	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	60	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	9	10 St Ita's Road	57	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	58	-	-	UT34	75	75	-	Not Significant	Not Significant	-

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact			
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	
Finishing & Fit-Out Works	11	1 - 19 Botanic Avenue	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	12	Glasnevin School	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	13	Dolours Catholic Church	52	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	14	St Malachy Rd	56	-	-	UT33	65	65	55	Not Significant	Not Significant	-	
	15	3/4 St Mobhi Dr	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	16	5 St Mobhi Dr	50	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	17	125/127 St Mohbi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	18	121/123 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	19	117/119 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	20	113/115 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	21	109/111 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	22	105/107 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	23	101/103 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	24	97/99 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	25	93/95 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	Batching Plant	26	89/91 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
		27	85/87 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-
28		81/83 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
29		77/79 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
30		73/75 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
31		River Gardens	50	-	-	AT31	65	65	55	Not Significant	Not Significant	-	
32		116 - 122 River Gardens	41	-	-	AT31	65	65	55	Not Significant	Not Significant	-	
1		Whitehall College	73	65	65	UT35	65	65	-	Significant to Very Significant	Slight to Moderate	-	
2		Primary School	65	58	58	UT35	65	65	-	Slight to Moderate	Not Significant	-	
3		GNS Fitness	57	51	51	UT33	65	65	-	Not Significant	Not Significant	-	
4		154-180 Home Farm Rd	52	45	45	UT33	65	65	55	Not Significant	Not Significant	Not Significant	
5		34 - 40 Walsh Road	48	42	42	UT33	65	65	55	Not Significant	Not Significant	Not Significant	
6		106-116 Walsh Road	46	40	40	UT35	65	65	55	Not Significant	Not Significant	Not Significant	
7		66 R108	63	55	55	UT34	75	75	55	Not Significant	Not Significant	Moderate to Significant	
8		9 St Ita's Road	61	53	53	UT35	65	65	55	Not Significant	Not Significant	Not Significant	
9		10 St Ita's Road	59	52	52	UT35	65	65	55	Not Significant	Not Significant	Not Significant	
10		Glasnevin Sports Club	60	53	53	UT34	75	75	-	Not Significant	Not Significant	-	
11		1 - 19 Botanic Avenue	57	50	50	AT31	65	65	-	Not Significant	Not Significant	-	
12		Glasnevin School	56	49	49	AT31	65	65	-	Not Significant	Not Significant	-	
13		Dolours Catholic Church	54	48	48	AT31	65	65	-	Not Significant	Not Significant	-	
14		St Malachy Rd	57	50	50	UT33	65	65	55	Not Significant	Not Significant	Not Significant	
15		3/4 St Mobhi Dr	55	48	48	AT31	65	65	-	Not Significant	Not Significant	-	
16		5 St Mobhi Dr	54	47	47	AT31	65	65	-	Not Significant	Not Significant	-	
17		125/127 St Mohbi Rd	64	57	57	UT34	75	75	55	Not Significant	Not Significant	Significant	
18	121/123 St Mohbi Rd	66	59	59	UT34	75	75	55	Not Significant	Not Significant	Significant		
19	117/119 St Mohbi Rd	66	58	58	UT34	75	75	55	Not Significant	Not Significant	Significant		
20	113/115 St Mohbi Rd	64	57	57	UT34	75	75	55	Not Significant	Not Significant	Significant		
21	109/111 St Mohbi Rd	63	55	55	UT34	75	75	55	Not Significant	Not Significant	Not Significant		
22	105/107 St Mohbi Rd	61	54	54	UT34	75	75	55	Not Significant	Not Significant	Not Significant		
23	101/103 St Mohbi Rd	59	52	52	UT34	75	75	55	Not Significant	Not Significant	Not Significant		
24	97/99 St Mohbi Rd	58	50	50	UT34	75	75	55	Not Significant	Not Significant	Not Significant		

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
	25	93/95 St Mohbi Rd	56	49	49	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	26	89/91 St Mohbi Rd	55	48	48	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	27	85/87 St Mohbi Rd	55	48	48	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	28	81/83 St Mohbi Rd	54	47	47	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	29	77/79 St Mohbi Rd	53	46	46	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	30	73/75 St Mohbi Rd	52	45	45	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	31	River Gardens	48	42	42	AT31	65	65	55	Not Significant	Not Significant	Not Significant
	32	116 - 122 River Gardens	41	34	34	AT31	65	65	55	Not Significant	Not Significant	Not Significant

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Whitehall College	69	-	-	UT35	65	65	-	Moderate to Significant	Moderate to Significant	-
	2	Scoil Mobhi National Sc	57	-	-	UT35	65	65	-	Not Significant	Not Significant	-
	3	GNS Fitness	50	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Rd	46	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	44	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	42	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	54	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	9	10 St Ita's Road	58	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	53	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	50	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	12	Glasnevin School	50	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	13	Dolours Catholic Church	48	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	51	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	47	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	50	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	49	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	48	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	48	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	47	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	48	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	41	-	-	AT31	65	65	55	Not Significant	Not Significant	-
1	Whitehall College	74	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-	
2	Scoil Mobhi National Sc	64	-	-	UT35	65	65	-	Slight to Moderate	Slight to Moderate	-	
3	GNS Fitness	58	-	-	UT33	65	65	-	Not Significant	Not Significant	-	
4	154-180 Home Farm Rd	53	-	-	UT33	65	65	55	Not Significant	Not Significant	-	
5	34 - 40 Walsh Road	52	-	-	UT33	65	65	55	Not Significant	Not Significant	-	
6	106-116 Walsh Road	48	-	-	UT35	65	65	55	Not Significant	Not Significant	-	
7	66 R108	62	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
8	9 St Ita's Road	61	-	-	UT35	65	65	55	Not Significant	Not Significant	-	
9	10 St Ita's Road	59	-	-	UT35	65	65	55	Not Significant	Not Significant	-	
10	Glasnevin Sports Club	60	-	-	UT34	75	75	-	Not Significant	Not Significant	-	
11	1 - 19 Botanic Avenue	56	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
12	Glasnevin School	56	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
13	Dolours Catholic Church	53	-	-	AT31	65	65	-	Not Significant	Not Significant	-	

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
Piling Works	14	St Malachy Rd	58	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	55	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	52	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	65	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	64	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-
30	73/75 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
31	River Gardens	52	-	-	AT31	65	65	55	Not Significant	Not Significant	-	
32	116 - 122 River Gardens	45	-	-	AT31	65	65	55	Not Significant	Not Significant	-	
Excavation Gound Level	1	Whitehall College	73	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mobhi National Sc	62	-	-	UT35	65	65	-	Not Significant	Slight to Moderate	-
	3	GNS Fitness	56	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Rd	50	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	49	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	45	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	58	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	9	10 St Ita's Road	61	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	58	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	12	Glasnevin School	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	13	Dolours Catholic Church	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	55	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mobhi Dr	54	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mobhi Dr	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-
17	125/127 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
18	121/123 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
19	117/119 St Mohbi Rd	63	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
20	113/115 St Mohbi Rd	62	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
21	109/111 St Mohbi Rd	61	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
22	105/107 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
23	101/103 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
24	97/99 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
25	93/95 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
26	89/91 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-	

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
	27	85/87 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	52	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	44	-	-	AT31	65	65	55	Not Significant	Not Significant	-
Excavation Underground	1	Whitehall College	72	-	-	UT35	65	65	-	Significant to Very Significant	Significant to Very Significant	-
	2	Scoil Mohbi National Sc	59	-	-	UT35	65	65	-	Not Significant	Not Significant	-
	3	GNS Fitness	53	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Rd	48	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	46	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	42	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	8	9 St Ita's Road	56	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	9	10 St Ita's Road	56	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	10	Glasnevin Sports Club	55	-	-	UT34	75	75	-	Not Significant	Not Significant	-
	11	1 - 19 Botanic Avenue	52	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	12	Glasnevin School	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	13	Dolours Catholic Church	49	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	14	St Malachy Rd	52	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	15	3/4 St Mohbi Dr	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	16	5 St Mohbi Dr	50	-	-	AT31	65	65	-	Not Significant	Not Significant	-
	17	125/127 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	18	121/123 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	19	117/119 St Mohbi Rd	60	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	20	113/115 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	21	109/111 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	22	105/107 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	23	101/103 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	24	97/99 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	25	93/95 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	26	89/91 St Mohbi Rd	52	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	27	85/87 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	28	81/83 St Mohbi Rd	50	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	29	77/79 St Mohbi Rd	49	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	30	73/75 St Mohbi Rd	48	-	-	UT34	75	75	55	Not Significant	Not Significant	-
	31	River Gardens	50	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	32	116 - 122 River Gardens	42	-	-	AT31	65	65	55	Not Significant	Not Significant	-
	1	Whitehall College	70	-	-	UT35	65	65	-	Moderate to Significant	Moderate to Significant	-
	2	Scoil Mohbi National Sc	58	-	-	UT35	65	65	-	Not Significant	Not Significant	-
	3	GNS Fitness	51	-	-	UT33	65	65	-	Not Significant	Not Significant	-
	4	154-180 Home Farm Rd	47	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	5	34 - 40 Walsh Road	44	-	-	UT33	65	65	55	Not Significant	Not Significant	-
	6	106-116 Walsh Road	42	-	-	UT35	65	65	55	Not Significant	Not Significant	-
	7	66 R108	56	-	-	UT34	75	75	55	Not Significant	Not Significant	-

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact			
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	
Finishing & Fit-Out Works	8	9 St Ita's Road	55	-	-	UT35	65	65	55	Not Significant	Not Significant	-	
	9	10 St Ita's Road	53	-	-	UT35	65	65	55	Not Significant	Not Significant	-	
	10	Glasnevin Sports Club	54	-	-	UT34	75	75	-	Not Significant	Not Significant	-	
	11	1 - 19 Botanic Avenue	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	12	Glasnevin School	50	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	13	Dolours Catholic Church	48	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	14	St Malachy Rd	52	-	-	UT33	65	65	55	Not Significant	Not Significant	-	
	15	3/4 St Mobhi Dr	51	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	16	5 St Mobhi Dr	47	-	-	AT31	65	65	-	Not Significant	Not Significant	-	
	17	125/127 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	18	121/123 St Mohbi Rd	59	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	19	117/119 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	20	113/115 St Mohbi Rd	58	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	21	109/111 St Mohbi Rd	57	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	22	105/107 St Mohbi Rd	55	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	23	101/103 St Mohbi Rd	54	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	24	97/99 St Mohbi Rd	53	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	25	93/95 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	26	89/91 St Mohbi Rd	51	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	27	85/87 St Mohbi Rd	50	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	28	81/83 St Mohbi Rd	49	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	29	77/79 St Mohbi Rd	48	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	30	73/75 St Mohbi Rd	47	-	-	UT34	75	75	55	Not Significant	Not Significant	-	
	31	River Gardens	48	-	-	AT31	65	65	55	Not Significant	Not Significant	-	
	32	116 - 122 River Gardens	40	-	-	AT31	65	65	55	Not Significant	Not Significant	-	
	Batching Plant	1	Whitehall College	72	65	65	UT35	65	65	-	Significant to Very Significant	Slight to Moderate	-
		2	Primary School	60	54	54	UT35	65	65	-	Not Significant	Not Significant	-
		3	GNS Fitness	53	48	48	UT33	65	65	-	Not Significant	Not Significant	-
		4	154-180 Home Farm Rd	48	42	42	UT33	65	65	55	Not Significant	Not Significant	Not Significant
		5	34 - 40 Walsh Road	43	38	38	UT33	65	65	55	Not Significant	Not Significant	Not Significant
		6	106-116 Walsh Road	42	36	36	UT35	65	65	55	Not Significant	Not Significant	Not Significant
		7	66 R108	58	52	52	UT34	75	75	55	Not Significant	Not Significant	Not Significant
8		9 St Ita's Road	56	50	50	UT35	65	65	55	Not Significant	Not Significant	Not Significant	
9		10 St Ita's Road	54	49	49	UT35	65	65	55	Not Significant	Not Significant	Not Significant	
10		Glasnevin Sports Club	56	50	50	UT34	75	75	-	Not Significant	Not Significant	-	
11		1 - 19 Botanic Avenue	53	47	47	AT31	65	65	-	Not Significant	Not Significant	-	
12		Glasnevin School	52	46	46	AT31	65	65	-	Not Significant	Not Significant	-	
13		Dolours Catholic Church	49	44	44	AT31	65	65	-	Not Significant	Not Significant	-	
14		St Malachy Rd	53	47	47	UT33	65	65	55	Not Significant	Not Significant	Not Significant	
15		3/4 St Mobhi Dr	51	45	45	AT31	65	65	-	Not Significant	Not Significant	-	
16		5 St Mobhi Dr	50	44	44	AT31	65	65	-	Not Significant	Not Significant	-	
17		125/127 St Mohbi Rd	59	53	53	UT34	75	75	55	Not Significant	Not Significant	Not Significant	
18		121/123 St Mohbi Rd	60	54	54	UT34	75	75	55	Not Significant	Not Significant	Not Significant	
19		117/119 St Mohbi Rd	60	54	54	UT34	75	75	55	Not Significant	Not Significant	Not Significant	
20		113/115 St Mohbi Rd	59	53	53	UT34	75	75	55	Not Significant	Not Significant	Not Significant	

Griffith Park Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold			Predicted Magnitude of Impact		
	Ref	Description	Day	Eve	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Night (23:00 - 07:00)
	21	109/111 St Mohbi Rd	58	52	52	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	22	105/107 St Mohbi Rd	57	51	51	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	23	101/103 St Mohbi Rd	55	49	49	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	24	97/99 St Mohbi Rd	54	48	48	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	25	93/95 St Mohbi Rd	53	47	47	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	26	89/91 St Mohbi Rd	52	46	46	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	27	85/87 St Mohbi Rd	51	45	45	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	28	81/83 St Mohbi Rd	50	44	44	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	29	77/79 St Mohbi Rd	49	43	43	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	30	73/75 St Mohbi Rd	48	42	42	UT34	75	75	55	Not Significant	Not Significant	Not Significant
	31	River Gardens	48	42	42	AT31	65	65	55	Not Significant	Not Significant	Not Significant
	32	116 - 122 River Gardens	41	34	34	AT31	65	65	55	Not Significant	Not Significant	Not Significant

M50 Viaduct & Rail Embankment

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Site Prep	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	1	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	15	0	0
	Large Roller	BS 5228-1:2009 Table C.5:19	80	1	0	0	30	0	0
	Flat Bed	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
Site Operation	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
Piling	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	10	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	2	0	0	20	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Tracked Mobile 150T	BS 5228-1:2009 Table C.3:29	70	1	0	0	30	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	15	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	360 Excavator 15t	BS 5228-1:2009 Table C.2:24	73	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	40	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Abutment Construction	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	2	0	0	10	0
Circular Saw		BS 5228-1:2009 Table C.4:73	84	2	0	0	10	0	0
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
Compaction of concrete		BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Scaffolding		BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	30	0	0
360 Excavator (20T)		BS 5228-1:2009 Table C.2:21	71	1	0	0	30	0	0
Articulated Dump Truck		BS 5228-1:2009 Table C.4:1	81	1	0	0	30	0	0
Dumper 6t		BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
Tipper Lorry		Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
Pier Construction	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
	Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	30	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	3	0	0	10	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	3	0	0	10	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	3	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
	Deck Construction	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0
Tracked Mobile 600T		BS 5228-1:2009 Table C.4:50	71	1	0	0	25	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
General Delivery		Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
Scaffolding		BS 5228-1:2009 Table D.7:1	80	1	0	0	20	0	0
360 Excavator with Breaker		BS 5228-1:2009 Table C.1:2	92	3	0	0	10	0	0
Circular Saw		BS 5228-1:2009 Table C.4:73	84	3	0	0	10	0	0
Compaction of concrete		BS 5228-1:2009 Table C.4:33	78	3	0	0	20	0	0
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
Finishing Works		Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	20	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Forklift	BS 5228-1:2009 Table C.2:35	71	1	0	0	30	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator with Breaker	BS 5228-1:2009 Table C.1:2	92	2	0	0	10	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Mobile 25T	BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
	Asphalt Spreader	BS 5228-1:2009 Table C.5:30	75	1	0	0	20	0	0
	Asphalt paver	BS 5228-1:2009 Table C.5:32	84	1	0	0	20	0	0
	Vibratory Compactor (Asphalt)	BS 5228-1:2009 Table C.5:29	82	1	0	0	20	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	2	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0

M50 Viaduct & Rail Embankment

Activity	Receptor		Predicted CNL dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Site Prep	217	1 charter school hill	59	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	68	UT23	70	70	Slight to Moderate	Slight to Moderate
	220	housing shelter santry/northwood	66	UT23	70	70	Slight to Moderate	Slight to Moderate
Site Operation	217	1 charter school hill	52	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	61	UT23	70	70	Not Significant	Not Significant
	220	housing shelter santry/northwood	59	UT23	70	70	Not Significant	Not Significant
Piling	217	1 charter school hill	60	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	70	UT23	70	70	Slight to Moderate	Slight to Moderate
	220	housing shelter santry/northwood	68	UT23	70	70	Slight to Moderate	Slight to Moderate
Abutment Construction	217	1 charter school hill	62	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	73	UT23	70	70	Moderate to Significant	Moderate to Significant
	220	housing shelter santry/northwood	70	UT23	70	70	Slight to Moderate	Slight to Moderate
Pier Construction	217	1 charter school hill	63	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	74	UT23	70	70	Moderate to Significant	Moderate to Significant
	220	housing shelter santry/northwood	72	UT23	70	70	Moderate to Significant	Moderate to Significant
Deck Construction	217	1 charter school hill	63	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	74	UT23	70	70	Moderate to Significant	Moderate to Significant
	220	housing shelter santry/northwood	72	UT23	70	70	Moderate to Significant	Moderate to Significant
Finishing Works	217	1 charter school hill	62	UT23	70	70	Not Significant	Not Significant
	216	St Annes Northwood	72	UT23	70	70	Moderate to Significant	Moderate to Significant
	220	housing shelter santry/northwood	70	UT23	70	70	Slight to Moderate	Slight to Moderate

Mater Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Piling & Utility Works, Site Pre	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	0.2	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	0.2	0	0
Pier Station Piling Works (Sou	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Pier Station Piling Works (Nor	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Vent Shaft Piling	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
Pier Station Piling Works (Nor	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0

Mater Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Excavation - Gound Level (in	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
ation Works Excavation - Unc	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexIROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0	
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	0.2	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	

Mater Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Piling & Utility Works, Site Pre	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	0.2	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	0.2	0	0	
Water Station Piling Works (Sou	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Water Station Piling Works (Nor	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Vent Shaft Piling	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
Water Station Piling Works (Nor	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0

Mater Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Station Works Excavation - Ground	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
Station Works Excavation - Underground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83 (-10)	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexIROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0	
General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0	
Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0	
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	0.2	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0	

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Mater Hospital	76	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	2	Mater Hospital (38 Eccles St)	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	3	Mater Hospital (30 - 36 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	80	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	75	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	66	UT44	65	65	Moderate to Significant	Moderate to Significant
	8	23 Nelson St (Residential)	60	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	58	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	39	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	79	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	58	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	42	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	59	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	63	UT43	65	65	Slight to Moderate	Slight to Moderate
	17	3 Geraldine St	67	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	67	UT42	70	70	Not Significant	Not Significant
	21	22a Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	55	UT42	70	70	Not Significant	Not Significant
Mater Station Piling Works (South)	1	Mater Hospital	75	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	75	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	68	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	79	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	77	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	67	UT44	65	65	Moderate to Significant	Moderate to Significant
	8	23 Nelson St (Residential)	63	UT44	65	65	Slight to Moderate	Slight to Moderate
	9	28 Nelson St (Residential)	56	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	39	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	81	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	59	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	59	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	43	UT43	65	65	Not Significant	Not Significant
Mater Station Piling Works (North)	1	Mater Hospital	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	2	Mater Hospital (38 Eccles St)	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	77	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	75	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	65	UT44	65	65	Slight to Moderate	Slight to Moderate
	8	23 Nelson St (Residential)	64	UT44	65	65	Slight to Moderate	Slight to Moderate
	9	28 Nelson St (Residential)	56	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	38	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	53	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	39	UT43	65	65	Not Significant	Not Significant
Vent Shaft Piling	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	62	UT42	70	70	Not Significant	Not Significant
	3	Mater Hospital (30 - 36 Eccles St)	56	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	59	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	60	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	60	UT44	65	65	Not Significant	Not Significant
	7	Mater Hospital (Catherine McCauley)	53	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	53	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	32	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	33	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	60	UT44	65	65	Not Significant	Not Significant
	12	Mater Hospital	44	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	51	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	32	UT43	65	65	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	15	16 - 17 Berkeley St	51	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	53	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	54	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	60	UT42	70	70	Not Significant	Not Significant
	19	12 - 17 Berkeley Rd	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	79	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	21	22a Berkeley Rd	65	UT42	70	70	Not Significant	Not Significant
Mater Station Works Excavation - Ground Level	22	23 - 32 Berkeley Rd	58	UT42	70	70	Not Significant	Not Significant
	1	Mater Hospital	79	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	2	Mater Hospital (38 Eccles St)	76	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	3	Mater Hospital (30 - 36 Eccles St)	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	78	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	78	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	68	UT44	65	65	Moderate to Significant	Moderate to Significant
	8	23 Nelson St (Residential)	65	UT44	65	65	Slight to Moderate	Slight to Moderate
	9	28 Nelson St (Residential)	51	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	41	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	82	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	61	UT43	65	65	Slight to Moderate	Slight to Moderate
	13	10 - 13 Berkeley St	61	UT43	65	65	Slight to Moderate	Slight to Moderate
	14	14 Berkeley Ave	44	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	63	UT43	65	65	Slight to Moderate	Slight to Moderate
	16	14 Berkeley St	69	UT43	65	65	Moderate to Significant	Moderate to Significant
	17	3 Geraldine St	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	18	5 - 11 Berkeley Rd	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	19	12 - 17 Berkeley Rd	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	20	19 - 22 Berkeley Rd	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	21	22a Berkeley Rd	71	UT42	70	70	Moderate to Significant	Moderate to Significant
22	23 - 32 Berkeley Rd	65	UT42	70	70	Not Significant	Not Significant	
Mater Station Works Excavation - Underground	1	Mater Hospital	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	65	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	75	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	66	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	63	UT44	65	65	Slight to Moderate	Slight to Moderate
	8	23 Nelson St (Residential)	60	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	50	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	38	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	77	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	56	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	55	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	42	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	63	UT43	65	65	Slight to Moderate	Slight to Moderate
	17	3 Geraldine St	65	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	21	22a Berkeley Rd	66	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	59	UT42	70	70	Not Significant	Not Significant
Finishing & Fit-Out Works	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	71	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	3	Mater Hospital (30 - 36 Eccles St)	64	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	74	UT44	75	75	Significant to Very Significant	Significant to Very Significant
	5	Mater Hospital (39 - 51 Eccles St)	70	UT42	70	70	Moderate to Significant	Moderate to Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	70	UT44	65	65	Moderate to Significant	Moderate to Significant
	7	Mater Hospital (Catherine McCauley)	60	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	56	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	52	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	34	UT44	65	65	Not Significant	Not Significant
	11	St Josephs Church	73	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	53	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	36	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	55	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	62	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	68	UT42	70	70	Slight to Moderate	Slight to Moderate
	19	12 - 17 Berkeley Rd	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	20	19 - 22 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	56	UT42	70	70	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	65	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	75	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	71	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	61	UT44	65	65	Not Significant	Slight to Moderate
	8	23 Nelson St (Residential)	56	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	54	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	36	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	54	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	38	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	59	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	63	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	19	12 - 17 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	20	19 - 22 Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	21	22a Berkeley Rd	59	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	52	UT42	70	70	Not Significant	Not Significant
Mater Station Piling Works (South)	1	Mater Hospital	75	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	67	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	78	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	77	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	67	UT44	65	65	Moderate to Significant	Moderate to Significant
	8	23 Nelson St (Residential)	62	UT44	65	65	Not Significant	Slight to Moderate
	9	28 Nelson St (Residential)	55	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	38	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	80	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	59	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	59	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	42	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	60	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	67	UT43	65	65	Moderate to Significant	Moderate to Significant
	17	3 Geraldine St	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	18	5 - 11 Berkeley Rd	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	19	12 - 17 Berkeley Rd	75	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	68	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	60	UT42	70	70	Not Significant	Not Significant
Mater Station Piling Works (North)	1	Mater Hospital	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	2	Mater Hospital (38 Eccles St)	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	76	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	75	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	64	UT44	65	65	Slight to Moderate	Slight to Moderate
	8	23 Nelson St (Residential)	63	UT44	65	65	Slight to Moderate	Slight to Moderate
	9	28 Nelson St (Residential)	55	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	37	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	53	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	57	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	39	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	61	UT43	65	65	Slight to Moderate	Slight to Moderate
	16	14 Berkeley St	66	UT43	65	65	Moderate to Significant	Moderate to Significant
	17	3 Geraldine St	66	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	20	19 - 22 Berkeley Rd	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	21	22a Berkeley Rd	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	22	23 - 32 Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	1	Mater Hospital	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	2	Mater Hospital (38 Eccles St)	61	UT42	70	70	Not Significant	Not Significant
	3	Mater Hospital (30 - 36 Eccles St)	55	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	57	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	59	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	59	UT44	65	65	Not Significant	Not Significant
	7	Mater Hospital (Catherine McCauley)	52	UT44	65	65	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Vent Shaft Piling	8	23 Nelson St (Residential)	51	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	31	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	32	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	58	UT44	65	65	Not Significant	Not Significant
	12	Mater Hospital	43	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	49	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	30	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	49	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	51	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	52	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	58	UT42	70	70	Not Significant	Not Significant
	19	12 - 17 Berkeley Rd	72	UT42	70	70	Moderate to Significant	Moderate to Significant
20	19 - 22 Berkeley Rd	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant	
21	22a Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant	
22	23 - 32 Berkeley Rd	56	UT42	70	70	Not Significant	Not Significant	
Mater Station Works Excavation - Gound Level	1	Mater Hospital	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	65	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	75	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	65	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	63	UT44	65	65	Slight to Moderate	Slight to Moderate
	8	23 Nelson St (Residential)	60	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	50	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	37	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	77	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	56	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	56	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	39	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	64	UT43	65	65	Slight to Moderate	Slight to Moderate
	17	3 Geraldine St	66	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	21	22a Berkeley Rd	66	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	59	UT42	70	70	Not Significant	Not Significant
Mater Station Works Excavation - Undergrou nd	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	3	Mater Hospital (30 - 36 Eccles St)	63	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	74	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	64	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	72	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	61	UT44	65	65	Not Significant	Slight to Moderate
	8	23 Nelson St (Residential)	58	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	50	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	38	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	76	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	55	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	53	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	41	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	56	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	61	UT43	65	65	Slight to Moderate	Slight to Moderate
	17	3 Geraldine St	64	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	57	UT42	70	70	Not Significant	Not Significant
Finishing & Fit-Out Works	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	64	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	74	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	70	UT44	65	65	Moderate to Significant	Moderate to Significant
	7	Mater Hospital (Catherine McCauley)	60	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	56	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	52	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	34	UT44	65	65	Not Significant	Not Significant
	11	St Jospheps Church	73	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	53	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	36	UT43	65	65	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	15	16 - 17 Berkeley St	55	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	62	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	68	UT42	70	70	Slight to Moderate	Slight to Moderate
	19	12 - 17 Berkeley Rd	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	20	19 - 22 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	56	UT42	70	70	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Mater Hospital	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	2	Mater Hospital (38 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	61	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	74	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	71	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	56	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	53	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	49	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	36	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	54	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	50	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	38	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	50	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	58	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	66	UT42	70	70	Not Significant	Not Significant
	19	12 - 17 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	20	19 - 22 Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant
	21	22a Berkeley Rd	59	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	52	UT42	70	70	Not Significant	Not Significant
Mater Station Piling Works (South)	1	Mater Hospital	75	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	67	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	77	UT44	75	75	Moderate to Significant	Moderate to Significant
	5	Mater Hospital (39 - 51 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	76	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	61	UT44	65	65	Not Significant	Slight to Moderate
	8	23 Nelson St (Residential)	59	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	51	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	38	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	80	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	58	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	42	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	56	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	62	UT43	65	65	Slight to Moderate	Slight to Moderate
	17	3 Geraldine St	63	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	68	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	60	UT42	70	70	Not Significant	Not Significant
Mater Station Piling Works (North)	1	Mater Hospital	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	2	Mater Hospital (38 Eccles St)	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	4	Mater Hospital (39 Eccles St)	75	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	61	UT44	65	65	Not Significant	Slight to Moderate
	8	23 Nelson St (Residential)	62	UT44	65	65	Not Significant	Slight to Moderate
	9	28 Nelson St (Residential)	50	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	37	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	74	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	53	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	55	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	39	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	58	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	62	UT43	65	65	Slight to Moderate	Slight to Moderate
	17	3 Geraldine St	63	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	73	UT42	70	70	Moderate to Significant	Moderate to Significant
	19	12 - 17 Berkeley Rd	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	20	19 - 22 Berkeley Rd	77	UT42	70	70	Significant to Very Significant	Significant to Very Significant
	21	22a Berkeley Rd	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	22	23 - 32 Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	1	Mater Hospital	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	2	Mater Hospital (38 Eccles St)	61	UT42	70	70	Not Significant	Not Significant
	3	Mater Hospital (30 - 36 Eccles St)	55	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	57	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	59	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	59	UT44	65	65	Not Significant	Not Significant
	7	Mater Hospital (Catherine McCauley)	52	UT44	65	65	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Vent Shaft Piling	8	23 Nelson St (Residential)	51	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	31	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	32	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	58	UT44	65	65	Not Significant	Not Significant
	12	Mater Hospital	43	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	48	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	30	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	49	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	51	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	52	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	58	UT42	70	70	Not Significant	Not Significant
	19	12 - 17 Berkeley Rd	72	UT42	70	70	Moderate to Significant	Moderate to Significant
20	19 - 22 Berkeley Rd	78	UT42	70	70	Significant to Very Significant	Significant to Very Significant	
21	22a Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant	
22	23 - 32 Berkeley Rd	56	UT42	70	70	Not Significant	Not Significant	
Mater Station Works Excavation - Gound Level	1	Mater Hospital	74	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	3	Mater Hospital (30 - 36 Eccles St)	64	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	74	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	65	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	73	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	58	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	57	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	47	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	36	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	77	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	55	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	52	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	39	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	59	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	61	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	68	UT42	70	70	Slight to Moderate	Slight to Moderate
	19	12 - 17 Berkeley Rd	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	20	19 - 22 Berkeley Rd	71	UT42	70	70	Moderate to Significant	Moderate to Significant
	21	22a Berkeley Rd	66	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	59	UT42	70	70	Not Significant	Not Significant
Mater Station Works Excavation - Undergrou nd	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	3	Mater Hospital (30 - 36 Eccles St)	62	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	73	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	64	UT42	70	70	Not Significant	Not Significant
	6	Mater Hospital (39 - 51 Eccles St Rear)	72	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	7	Mater Hospital (Catherine McCauley)	56	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	55	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	46	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	38	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	76	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	54	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	50	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	41	UT43	65	65	Not Significant	Not Significant
	15	16 - 17 Berkeley St	52	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	57	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	59	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	66	UT42	70	70	Not Significant	Not Significant
	19	12 - 17 Berkeley Rd	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	20	19 - 22 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	64	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	57	UT42	70	70	Not Significant	Not Significant
Finishing & Fit-Out Works	1	Mater Hospital	72	UT42	70	70	Moderate to Significant	Moderate to Significant
	2	Mater Hospital (38 Eccles St)	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	3	Mater Hospital (30 - 36 Eccles St)	61	UT42	70	70	Not Significant	Not Significant
	4	Mater Hospital (39 Eccles St)	73	UT44	75	75	Not Significant	Not Significant
	5	Mater Hospital (39 - 51 Eccles St)	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	6	Mater Hospital (39 - 51 Eccles St Rear)	69	UT44	65	65	Moderate to Significant	Moderate to Significant
	7	Mater Hospital (Catherine McCauley)	55	UT44	65	65	Not Significant	Not Significant
	8	23 Nelson St (Residential)	54	UT44	65	65	Not Significant	Not Significant
	9	28 Nelson St (Residential)	47	UT44	65	65	Not Significant	Not Significant
	10	35 Nelson St (Residential)	34	UT44	65	65	Not Significant	Not Significant
	11	St Josphes Church	72	UT44	65	65	Significant to Very Significant	Significant to Very Significant
	12	Mater Hospital	52	UT43	65	65	Not Significant	Not Significant
	13	10 - 13 Berkeley St	50	UT43	65	65	Not Significant	Not Significant
	14	14 Berkeley Ave	36	UT43	65	65	Not Significant	Not Significant

Mater Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	15	16 - 17 Berkeley St	51	UT43	65	65	Not Significant	Not Significant
	16	14 Berkeley St	54	UT43	65	65	Not Significant	Not Significant
	17	3 Geraldine St	57	UT42	70	70	Not Significant	Not Significant
	18	5 - 11 Berkeley Rd	65	UT42	70	70	Not Significant	Not Significant
	19	12 - 17 Berkeley Rd	70	UT42	70	70	Slight to Moderate	Slight to Moderate
	20	19 - 22 Berkeley Rd	69	UT42	70	70	Slight to Moderate	Slight to Moderate
	21	22a Berkeley Rd	63	UT42	70	70	Not Significant	Not Significant
	22	23 - 32 Berkeley Rd	56	UT42	70	70	Not Significant	Not Significant

Northwood Portal

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Enabling Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	60	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	70	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	3	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	3	0	0	20	0	0	
Pre TBM	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	6	6	100	100	100
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	20	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	8	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	70	70	70	70	70
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	100	100	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	1	0	0	40	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	40	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	80	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
TBM Works	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	1	1	20	20	20
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	1	1	10	10	10
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	1	1	10	10	10
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	1	1	20	20	20
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	1	1	30	30	30
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	2	2	20	20	20
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	1	1	20	20	20
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	1	1	40	40	40
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	1	1	25	25	25
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	1	1	20	20	20
	Spoil Conveyor	BS 5228-1:2009 Table C.10:20	77	1	1	1	90	90	90
	Locomotive	Imagine EU Database	80	1	1	1	10	10	10
	De-watering Pump	BS 5228-1:2009 Table C.4:88	68	4	4	4	40	40	40
	Portal Finishing Works	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0
360 Excavator		BS 5228-1:2009 Table C.2:14	79	1	0	0	30	0	0
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
Mobile 25T		BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
Hiab Delivery		BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0
Batching Plant Track Laying	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	15	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	1	1	25	25	25
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	1	1	40	40	40
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	Chipping Concrete	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	1	1	20	20	20
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	1	1	40	40	40
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0

Northwood Portal

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Enabling Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	60	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	70	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	25	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	3	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	3	0	0	20	0	0	
Pre TBM	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	6	6	100	100	100
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	20	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	8	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	70	70	70	70	70
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	100	100	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	1	0	0	40	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	40	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	80	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
TBM Works	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	1	1	20	20	20
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	1	1	10	10	10
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	1	1	10	10	10
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	1	1	25	25	25
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	1	1	20	20	20
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	1	1	30	30	30
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	2	2	20	20	20
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	1	1	20	20	20
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	1	1	40	40	40
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	1	1	25	25	25
	Scaffolding	BS 5228-1:2009 Table D.7:1	80	1	1	1	20	20	20
	Spoil Conveyor	BS 5228-1:2009 Table C.10:20	77	1	1	1	90	90	90
	Locomotive	Imagine EU Database	80	1	1	1	10	10	10
	De-watering Pump	BS 5228-1:2009 Table C.4:88	68	4	4	4	40	40	40
Portal Finishing Works	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	360 Excavator	BS 5228-1:2009 Table C.2:14	79	1	0	0	30	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Mobile 25T	BS 5228-1:2009 Table C.8:10	69	1	0	0	40	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	20	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	20	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	10	0	0
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	10	0	0	
Batching Plant Track Laying	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	1	0	0	15	0	0
	General Delivery	Average of BS 5228-1:2009 Table C.11:4-20	82	1	0	0	25	0	0
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84 (-10)	1	0	0	10	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	1	1	25	25	25
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	1	1	40	40	40
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	20	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	20	0	0
	Chipping Concrete	BS 5228-1:2009 Table C.1:6	83 (-10)	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	1	1	20	20	20
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	1	1	40	40	40
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	

Northwood Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	0.2	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	0.2	0	0	
Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Excavation - Gound Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Station Works Excavation - Underground	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0

Northwood Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexIROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	0.2	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Northwood Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	40	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	0.2	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	0.2	0	0		
Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	0.2	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
		Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0	
	Excavation - Gound Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Station Works Excavation - Underground		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
		Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83 (-10)	1	0	0	10	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
		Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	0.2	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	

Northwood Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	0.2	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	0.2	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Northwood Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day	Evening	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	11 Northwood Green	64	0	0	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	62	0	0	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	59	0	0	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	60	0	0	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	59	0	0	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	55	0	0	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	56	0	0	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	64	0	0	UT24	70	70	Not Significant	Not Significant
Piling Works	1	11 Northwood Green	64	43	43	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	62	41	41	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	58	37	37	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	61	39	39	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	57	36	36	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	54	34	34	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	58	37	37	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	69	49	49	UT24	70	70	Slight to Moderate	Slight to Moderate
Excavation - Gound Level	1	11 Northwood Green	66	44	44	UT24	70	70	Not Significant	Slight to Moderate
	2	32 Northwood Green	64	42	42	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	62	40	40	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	63	41	41	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	59	36	36	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	57	34	34	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	60	38	38	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	71	49	49	UT24	70	70	Moderate to Significant	Moderate to Significant
Excavation - Underground	1	11 Northwood Green	61	50	50	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	59	48	48	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	57	46	46	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	57	46	46	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	55	45	45	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	52	41	41	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	55	43	43	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	65	53	53	UT24	70	70	Not Significant	Not Significant
Finishing & Fit-Out Works	1	11 Northwood Green	59	0	0	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	57	0	0	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	54	0	0	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	55	0	0	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	55	0	0	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	51	0	0	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	52	0	0	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	60	0	0	UT24	70	70	Not Significant	Not Significant

Northwood Station

Activity	Receptor		Predicted CNL (dB L _{Aeq,T})			Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day	Evening	Night		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	11 Northwood Green	59	0	0	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	57	0	0	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	54	0	0	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	55	0	0	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	55	0	0	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	51	0	0	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	52	0	0	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	59	0	0	UT24	70	70	Not Significant	Not Significant
Piling Works	1	11 Northwood Green	64	33	33	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	61	31	31	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	58	27	27	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	60	29	29	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	57	26	26	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	54	24	24	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	58	27	27	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	68	39	39	UT24	70	70	Slight to Moderate	Slight to Moderate
Excavation Gound Level	1	11 Northwood Green	61	34	34	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	59	32	32	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	57	30	30	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	58	31	31	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	55	26	26	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	52	24	24	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	55	28	28	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	66	39	39	UT24	70	70	Not Significant	Slight to Moderate
Excavation Underground	1	11 Northwood Green	55	35	35	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	53	32	32	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	51	29	29	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	51	32	32	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	51	31	31	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	47	28	28	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	49	28	28	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	57	38	38	UT24	70	70	Not Significant	Not Significant
Finishing & Fit-Out Works	1	11 Northwood Green	59	0	0	UT24	70	70	Not Significant	Not Significant
	2	32 Northwood Green	57	0	0	UT24	70	70	Not Significant	Not Significant
	3	37 Northwood Green	54	0	0	UT24	70	70	Not Significant	Not Significant
	4	Northwood Nursing Home	55	0	0	UT24	70	70	Not Significant	Not Significant
	5	Musgrave Marketplace	55	0	0	UT24	70	70	Not Significant	Not Significant
	6	Balbutcher Lane	51	0	0	UT24	70	70	Not Significant	Not Significant
	7	Hampton Apartments	52	0	0	UT24	70	70	Not Significant	Not Significant
	8	Old Ballymun Road Apartments	60	0	0	UT24	70	70	Not Significant	Not Significant

OConnell St Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	40	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	4	0	0	100	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11.4-20	82	5	0	0	1	0	0	
Demolition	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	1	0	0	40	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	40	0	0	
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11.4-20	82	2	0	0	25	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	40	0	0	
	MEWPS	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0	
	Concrete crusher	BS 5228-1:2009 Table C.9:14	90	1	0	0	10	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	40	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11.4-20	82	10	0	0	1	0	0	
O'Connell St Station Piling Works	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydroraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11.4-20	82	38	0	0	1	0	0	
	O Connell Station Works Excavation - Ground Level	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
O Connell Station Works Excavation - Underground		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
		Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
		Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0	
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83	1	0	0	10	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11.4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	

OConnell St Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	71	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0
	4 Wheel Platform (Underground)	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	79	1	0	0	40	0	0
	Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
Medium Roller		BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
Grader		BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

OConnell St Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	4	0	0	100	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0
Demolition	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	25	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	40	0	0
	MEWPS	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
	Concrete crusher	BS 5228-1:2009 Table C.9:14	90 (-10)	1	0	0	10	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	40	0	0	
O'Connell St Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	2	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
O Connell Station Works Excavation - Ground Level	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Generator 200KVA	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Batching Plant	BS 5228-1:2009 Table D.6:10	78	1	0	0	40	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Hand-held Pneumatic Drill	BS 5228-1:2009 Table C.1:6	83 (-10)	1	0	0	10	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	

OConnell St Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
O Connell Station Works Excavation - Underground	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (Underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

OConnell St Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Rotunda	65	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	49	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	60	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	61	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	55	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	66	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	69	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	70	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	10	Savoy Cinema	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	11	14 O'Connell St	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	12	9 - 12 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	69	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	65	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	65	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	62	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	72	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	72	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	50	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	69	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	70	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	54	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	62	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	44	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	61	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	69	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	74	UT45	70	70	Moderate to Significant	Moderate to Significant
	28	Jurys Inn (N)	47	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	75	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	73	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	72	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	65	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	66	UT46	75	75	Not Significant	Not Significant
	34	Ivy Exchange	61	UT46	75	75	Not Significant	Not Significant
Demolition	1	Rotunda	72	UT47	75	75	Slight to Moderate	Slight to Moderate
	2	Ambassador Theatre	55	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	64	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	67	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	63	UT47	75	75	Not Significant	Not Significant
	6	Murray's Pub	70	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	73	UT47	75	75	Slight to Moderate	Slight to Moderate
	8	Hotel Rui	76	UT47	75	75	Moderate to Significant	Moderate to Significant
	9	19 O'Connell St	76	UT47	75	75	Moderate to Significant	Moderate to Significant
	10	Savoy Cinema	77	UT47	75	75	Moderate to Significant	Moderate to Significant
	11	14 O'Connell St	76	UT47	75	75	Moderate to Significant	Moderate to Significant
	12	9 - 12 O'Connell St	76	UT47	75	75	Moderate to Significant	Moderate to Significant
	13	1 - 8 O'Connell St	74	UT47	75	75	Slight to Moderate	Slight to Moderate
	14	18 - 34 O'Connell St Lower	69	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	16	24 - 30 Henry St	68	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	73	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	76	UT46	75	75	Moderate to Significant	Moderate to Significant
	19	55 - 61 Moore St	55	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	72	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	0	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	0	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	0	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	48	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	66	UT46	70	65	Slight to Moderate	Moderate to Significant
	26	Jurys Inn (S)	77	UT46	70	70	Significant to Very Significant	Significant to Very Significant
	27	Jurys Inn (E)	80	UT45	70	70	Significant to Very Significant	Significant to Very Significant
	28	Jurys Inn (N)	49	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	75	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	75	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	73	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	68	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	69	UT47	75	75	Not Significant	Not Significant
	34	Ivy Exchange	43	UT47	75	75	Not Significant	Not Significant
O'Connell St Station Piling Works	1	Rotunda	67	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	50	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	63	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	64	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	60	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	67	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	69	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	72	UT47	75	75	Slight to Moderate	Slight to Moderate
	9	19 O'Connell St	73	UT47	75	75	Slight to Moderate	Slight to Moderate
	10	Savoy Cinema	73	UT47	75	75	Slight to Moderate	Slight to Moderate
	11	14 O'Connell St	73	UT47	75	75	Slight to Moderate	Slight to Moderate
	12	9 - 12 O'Connell St	72	UT47	75	75	Slight to Moderate	Slight to Moderate
	13	1 - 8 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	66	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	66	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	63	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	70	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	70	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	50	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	69	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	70	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	53	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	66	UT46	75	75	Not Significant	Not Significant

OConnell St Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
O Connell Station Works Excavation - Ground Level	24	Ilac Centre	42	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	63	UT46	70	65	Not Significant	Slight to Moderate
	26	Jurys Inn (S)	73	UT46	70	70	Moderate to Significant	Moderate to Significant
	27	Jurys Inn (E)	74	UT45	70	70	Moderate to Significant	Moderate to Significant
	28	Jurys Inn (N)	45	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	72	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	71	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	70	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	66	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	66	UT46	75	75	Not Significant	Not Significant
	34	Ivy Exchange	53	UT46	75	75	Not Significant	Not Significant
	1	Rotunda	70	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	52	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	65	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	66	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	63	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	69	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	8	Hotel Rui	75	UT47	75	75	Slight to Moderate	Slight to Moderate
	9	19 O'Connell St	75	UT47	75	75	Slight to Moderate	Slight to Moderate
	10	Savoy Cinema	75	UT47	75	75	Slight to Moderate	Slight to Moderate
	11	14 O'Connell St	75	UT47	75	75	Slight to Moderate	Slight to Moderate
	12	9 - 12 O'Connell St	75	UT47	75	75	Slight to Moderate	Slight to Moderate
	13	1 - 8 O'Connell St	73	UT47	75	75	Slight to Moderate	Slight to Moderate
	14	18 - 34 O'Connell St Lower	68	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	69	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	66	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	72	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	72	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	53	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	72	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	72	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	55	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	68	UT46	75	75	Not Significant	Not Significant
24	Ilac Centre	45	UT46	75	75	Not Significant	Not Significant	
25	Greeg Court (residential)	66	UT46	70	65	Slight to Moderate	Moderate to Significant	
26	Jurys Inn (S)	75	UT46	70	70	Moderate to Significant	Moderate to Significant	
27	Jurys Inn (E)	76	UT45	70	70	Significant to Very Significant	Significant to Very Significant	
28	Jurys Inn (N)	47	UT46	70	70	Not Significant	Not Significant	
29	72 Purnell St	73	UT45	75	75	Not Significant	Not Significant	
30	AIB (West)	73	UT45	75	75	Not Significant	Not Significant	
31	AIB (East)	72	UT47	75	75	Not Significant	Not Significant	
32	49 - 58 R132	68	UT46	75	75	Not Significant	Not Significant	
33	166 - 168 Parnell St	69	UT46	75	75	Not Significant	Not Significant	
34	Ivy Exchange	53	UT46	75	75	Not Significant	Not Significant	
O Connell Station Works Excavation - Underground	1	Rotunda	67	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	48	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	60	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	61	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	58	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	65	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	68	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	70	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	70	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	68	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	64	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	68	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	63	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	69	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	68	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	50	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	68	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	68	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	53	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	62	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	47	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	61	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	70	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	75	UT45	70	70	Moderate to Significant	Moderate to Significant
	28	Jurys Inn (N)	48	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	73	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	73	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	70	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	64	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	65	UT46	75	75	Not Significant	Not Significant
	34	Ivy Exchange	54	UT46	75	75	Not Significant	Not Significant
O Connell Station Works Excavation - Underground	1	Rotunda	58	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	40	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	53	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	54	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	49	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	58	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	61	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	63	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	63	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	63	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	63	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	63	UT47	75	75	Not Significant	Not Significant

OConnell St Station

Activity	Receptor		Calculated Noise Level, dB $L_{Aeq,T}$	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Finishing & Fit-Out Works	13	1 - 8 O'Connell St	61	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	57	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	57	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	55	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	63	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	64	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	42	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	62	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	62	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	45	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	54	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	36	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	54	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	63	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	66	UT45	70	70	Not Significant	Not Significant
	28	Jurys Inn (N)	38	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	66	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	65	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	63	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	57	UT46	75	75	Not Significant	Not Significant
33	166 - 168 Parnell St	58	UT46	75	75	Not Significant	Not Significant	
34	Ivy Exchange	52	UT46	75	75	Not Significant	Not Significant	

O'Connell St Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Rotunda	61	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	44	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	55	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	56	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	51	UT47	75	75	Not Significant	Not Significant
	6	Murray's Pub	61	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	64	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	65	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	66	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	64	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	60	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	60	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	58	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	67	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	46	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	65	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	65	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	49	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	56	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	40	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	57	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	65	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	69	UT45	70	70	Not Significant	Not Significant
	28	Jurys Inn (N)	43	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	70	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	68	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	67	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	60	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	61	UT47	75	75	Not Significant	Not Significant
	34	Ivy Exchange	56	UT47	75	75	Not Significant	Not Significant
Demolition	1	Rotunda	65	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	48	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	57	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	60	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	56	UT47	75	75	Not Significant	Not Significant
	6	Murray's Pub	63	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	66	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	69	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	70	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	70	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	69	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	67	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	62	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	64	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	62	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	69	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	48	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	68	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	69	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	50	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	60	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	42	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	60	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	71	UT46	70	70	Moderate to Significant	Moderate to Significant
	27	Jurys Inn (E)	73	UT45	70	70	Moderate to Significant	Moderate to Significant
	28	Jurys Inn (N)	42	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	68	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	68	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	66	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	61	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	62	UT47	75	75	Not Significant	Not Significant
	34	Ivy Exchange	36	UT47	75	75	Not Significant	Not Significant
	1	Rotunda	67	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	50	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	62	UT47	75	75	Not Significant	Not Significant

O'Connell St Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
O'Connell St Station Piling Works	4	2 - 6 Rae Cavendish (Commercial)	64	UT47	75	75	Not Significant	Not Significant	
	5	153 - 162 Parnell St	60	UT47	75	75	Not Significant	Not Significant	
	6	Murray's Pub	67	UT47	75	75	Not Significant	Not Significant	
	7	Holiday Inn	69	UT47	75	75	Not Significant	Not Significant	
	8	Hotel Rui	72	UT47	75	75	Slight to Moderate	Slight to Moderate	
	9	19 O'Connell St	72	UT47	75	75	Slight to Moderate	Slight to Moderate	
	10	Savoy Cinema	72	UT47	75	75	Slight to Moderate	Slight to Moderate	
	11	14 O'Connell St	72	UT47	75	75	Slight to Moderate	Slight to Moderate	
	12	9 - 12 O'Connell St	72	UT47	75	75	Slight to Moderate	Slight to Moderate	
	13	1 - 8 O'Connell St	70	UT47	75	75	Not Significant	Not Significant	
	14	18 - 34 O'Connell St Lower	66	UT47	75	75	Not Significant	Not Significant	
	15	GPO Henry St	66	UT47	75	75	Not Significant	Not Significant	
	16	24 - 30 Henry St	63	UT46	75	75	Not Significant	Not Significant	
	17	34 - 41 Henry St (rear)	69	UT46	75	75	Not Significant	Not Significant	
	18	1 - 9 Moore St (rear)	69	UT46	75	75	Not Significant	Not Significant	
	19	55 - 61 Moore St	49	UT46	75	75	Not Significant	Not Significant	
	20	Henry Pl (Rear)	69	UT46	75	75	Not Significant	Not Significant	
	21	13 - 16 Moore St (Rear)	69	UT46	75	75	Not Significant	Not Significant	
	22	20 Moore St (Rear)	52	UT46	75	75	Not Significant	Not Significant	
	23	24 Moore St, Hope Rehabilitation (Rear)	65	UT46	75	75	Not Significant	Not Significant	
	24	Ilac Centre	42	UT46	75	75	Not Significant	Not Significant	
	25	Greeg Court (residential)	63	UT46	70	65	Not Significant	Slight to Moderate	
	26	Jurys Inn (S)	72	UT46	70	70	Moderate to Significant	Moderate to Significant	
	27	Jurys Inn (E)	74	UT45	70	70	Moderate to Significant	Moderate to Significant	
	28	Jurys Inn (N)	45	UT46	70	70	Not Significant	Not Significant	
	29	72 Purnell St	71	UT45	75	75	Not Significant	Not Significant	
	30	AIB (West)	71	UT45	75	75	Not Significant	Not Significant	
	31	AIB (East)	69	UT47	75	75	Not Significant	Not Significant	
	32	49 - 58 R132	65	UT46	75	75	Not Significant	Not Significant	
	33	166 - 168 Parnell St	66	UT47	75	75	Not Significant	Not Significant	
	34	Ivy Exchange	52	UT47	75	75	Not Significant	Not Significant	
	O'Connell Station Works Excavation Ground Level	1	Rotunda	65	UT47	75	75	Not Significant	Not Significant
		2	Ambassador Theatre	47	UT47	75	75	Not Significant	Not Significant
		3	Cassidys Hotel	60	UT47	75	75	Not Significant	Not Significant
4		2 - 6 Rae Cavendish (Commercial)	62	UT47	75	75	Not Significant	Not Significant	
5		153 - 162 Parnell St	58	UT47	75	75	Not Significant	Not Significant	
6		Murray's Pub	64	UT47	75	75	Not Significant	Not Significant	
7		Holiday Inn	67	UT47	75	75	Not Significant	Not Significant	
8		Hotel Rui	70	UT47	75	75	Not Significant	Not Significant	
9		19 O'Connell St	70	UT47	75	75	Not Significant	Not Significant	
10		Savoy Cinema	70	UT47	75	75	Not Significant	Not Significant	
11		14 O'Connell St	70	UT47	75	75	Not Significant	Not Significant	
12		9 - 12 O'Connell St	70	UT47	75	75	Not Significant	Not Significant	
13		1 - 8 O'Connell St	68	UT47	75	75	Not Significant	Not Significant	
14		18 - 34 O'Connell St Lower	64	UT47	75	75	Not Significant	Not Significant	
15		GPO Henry St	64	UT47	75	75	Not Significant	Not Significant	
16		24 - 30 Henry St	61	UT46	75	75	Not Significant	Not Significant	
17		34 - 41 Henry St (rear)	67	UT46	75	75	Not Significant	Not Significant	
18		1 - 9 Moore St (rear)	68	UT46	75	75	Not Significant	Not Significant	
19		55 - 61 Moore St	48	UT46	75	75	Not Significant	Not Significant	
20		Henry Pl (Rear)	67	UT46	75	75	Not Significant	Not Significant	
21		13 - 16 Moore St (Rear)	68	UT46	75	75	Not Significant	Not Significant	
22		20 Moore St (Rear)	51	UT46	75	75	Not Significant	Not Significant	
23		24 Moore St, Hope Rehabilitation (Rear)	62	UT46	75	75	Not Significant	Not Significant	
24		Ilac Centre	42	UT46	75	75	Not Significant	Not Significant	
25		Greeg Court (residential)	61	UT46	70	65	Not Significant	Not Significant	
26		Jurys Inn (S)	71	UT46	70	70	Moderate to Significant	Moderate to Significant	
27		Jurys Inn (E)	72	UT45	70	70	Moderate to Significant	Moderate to Significant	
28		Jurys Inn (N)	43	UT46	70	70	Not Significant	Not Significant	
29		72 Purnell St	69	UT45	75	75	Not Significant	Not Significant	
30		AIB (West)	69	UT45	75	75	Not Significant	Not Significant	
31		AIB (East)	68	UT47	75	75	Not Significant	Not Significant	
32		49 - 58 R132	63	UT46	75	75	Not Significant	Not Significant	
33		166 - 168 Parnell St	64	UT47	75	75	Not Significant	Not Significant	
34		Ivy Exchange	51	UT47	75	75	Not Significant	Not Significant	
	1	Rotunda	66	UT47	75	75	Not Significant	Not Significant	
	2	Ambassador Theatre	45	UT47	75	75	Not Significant	Not Significant	
	3	Cassidys Hotel	58	UT47	75	75	Not Significant	Not Significant	
	4	2 - 6 Rae Cavendish (Commercial)	59	UT47	75	75	Not Significant	Not Significant	
	5	153 - 162 Parnell St	56	UT46	75	75	Not Significant	Not Significant	
	6	Murray's Pub	64	UT47	75	75	Not Significant	Not Significant	

O'Connell St Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
O'Connell Station Works Excavation Underground	7	Holiday Inn	66	UT47	75	75	Not Significant	Not Significant	
	8	Hotel Rui	68	UT47	75	75	Not Significant	Not Significant	
	9	19 O'Connell St	68	UT47	75	75	Not Significant	Not Significant	
	10	Savoy Cinema	68	UT47	75	75	Not Significant	Not Significant	
	11	14 O'Connell St	68	UT47	75	75	Not Significant	Not Significant	
	12	9 - 12 O'Connell St	68	UT47	75	75	Not Significant	Not Significant	
	13	1 - 8 O'Connell St	66	UT47	75	75	Not Significant	Not Significant	
	14	18 - 34 O'Connell St Lower	62	UT47	75	75	Not Significant	Not Significant	
	15	GPO Henry St	63	UT47	75	75	Not Significant	Not Significant	
	16	24 - 30 Henry St	60	UT46	75	75	Not Significant	Not Significant	
	17	34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant	
	18	1 - 9 Moore St (rear)	67	UT46	75	75	Not Significant	Not Significant	
	19	55 - 61 Moore St	47	UT46	75	75	Not Significant	Not Significant	
	20	Henry Pl (Rear)	66	UT46	75	75	Not Significant	Not Significant	
	21	13 - 16 Moore St (Rear)	66	UT46	75	75	Not Significant	Not Significant	
	22	20 Moore St (Rear)	50	UT46	75	75	Not Significant	Not Significant	
	23	24 Moore St, Hope Rehabilitation (Rear)	60	UT46	75	75	Not Significant	Not Significant	
	24	Ilac Centre	41	UT46	75	75	Not Significant	Not Significant	
	25	Greeg Court (residential)	59	UT46	70	65	Not Significant	Not Significant	
	26	Jurys Inn (S)	69	UT46	70	70	Not Significant	Not Significant	
	27	Jurys Inn (E)	74	UT45	70	70	Moderate to Significant	Moderate to Significant	
	28	Jurys Inn (N)	44	UT46	70	70	Not Significant	Not Significant	
	29	72 Purnell St	70	UT45	75	75	Not Significant	Not Significant	
	30	AIB (West)	70	UT45	75	75	Not Significant	Not Significant	
	31	AIB (East)	66	UT47	75	75	Not Significant	Not Significant	
	32	49 - 58 R132	63	UT46	75	75	Not Significant	Not Significant	
	33	166 - 168 Parnell St	64	UT47	75	75	Not Significant	Not Significant	
	34	Ivy Exchange	51	UT47	75	75	Not Significant	Not Significant	
	Finishing & Fit-Out Works	1	Rotunda	58	UT47	75	75	Not Significant	Not Significant
		2	Ambassador Theatre	40	UT47	75	75	Not Significant	Not Significant
		3	Cassidys Hotel	53	UT47	75	75	Not Significant	Not Significant
		4	2 - 6 Rae Cavendish (Commercial)	54	UT47	75	75	Not Significant	Not Significant
		5	153 - 162 Parnell St	49	UT46	75	75	Not Significant	Not Significant
		6	Murray's Pub	58	UT47	75	75	Not Significant	Not Significant
7		Holiday Inn	61	UT47	75	75	Not Significant	Not Significant	
8		Hotel Rui	63	UT47	75	75	Not Significant	Not Significant	
9		19 O'Connell St	63	UT47	75	75	Not Significant	Not Significant	
10		Savoy Cinema	63	UT47	75	75	Not Significant	Not Significant	
11		14 O'Connell St	63	UT47	75	75	Not Significant	Not Significant	
12		9 - 12 O'Connell St	63	UT47	75	75	Not Significant	Not Significant	
13		1 - 8 O'Connell St	61	UT47	75	75	Not Significant	Not Significant	
14		18 - 34 O'Connell St Lower	57	UT47	75	75	Not Significant	Not Significant	
15		GPO Henry St	57	UT47	75	75	Not Significant	Not Significant	
16		24 - 30 Henry St	55	UT46	75	75	Not Significant	Not Significant	
17		34 - 41 Henry St (rear)	63	UT46	75	75	Not Significant	Not Significant	
18		1 - 9 Moore St (rear)	64	UT46	75	75	Not Significant	Not Significant	
19		55 - 61 Moore St	42	UT46	75	75	Not Significant	Not Significant	
20		Henry Pl (Rear)	62	UT46	75	75	Not Significant	Not Significant	
21		13 - 16 Moore St (Rear)	62	UT46	75	75	Not Significant	Not Significant	
22		20 Moore St (Rear)	45	UT46	75	75	Not Significant	Not Significant	
23		24 Moore St, Hope Rehabilitation (Rear)	54	UT46	75	75	Not Significant	Not Significant	
24		Ilac Centre	36	UT46	75	75	Not Significant	Not Significant	
25		Greeg Court (residential)	54	UT46	70	65	Not Significant	Not Significant	
26		Jurys Inn (S)	63	UT46	70	70	Not Significant	Not Significant	
27		Jurys Inn (E)	66	UT45	70	70	Not Significant	Not Significant	
28		Jurys Inn (N)	38	UT46	70	70	Not Significant	Not Significant	
29		72 Purnell St	66	UT45	75	75	Not Significant	Not Significant	
30		AIB (West)	65	UT45	75	75	Not Significant	Not Significant	
31		AIB (East)	63	UT47	75	75	Not Significant	Not Significant	
32		49 - 58 R132	57	UT46	75	75	Not Significant	Not Significant	
33		166 - 168 Parnell St	58	UT47	75	75	Not Significant	Not Significant	
34		Ivy Exchange	52	UT47	75	75	Not Significant	Not Significant	

O'Connell St Station

Activity	Receptor		Calculated Noise Level, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Rotunda	59	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	41	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	52	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	53	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	47	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	59	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	62	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	63	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	63	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	63	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	63	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	63	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	62	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	58	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	59	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	58	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	67	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	46	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	64	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	64	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	49	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	54	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	40	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	57	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	65	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	69	UT45	70	70	Not Significant	Not Significant
	28	Jurys Inn (N)	43	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	69	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	68	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	66	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	56	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	59	UT47	75	75	Not Significant	Not Significant
	34	Ivy Exchange	53	UT47	75	75	Not Significant	Not Significant
Demolition	1	Rotunda	63	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	44	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	54	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	57	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	53	UT47	75	75	Not Significant	Not Significant
	6	Murray's Pub	61	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	64	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	66	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	66	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	64	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	60	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	63	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	62	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	69	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	48	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	68	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	68	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	50	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	57	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	42	UT46	75	75	Not Significant	Not Significant
	25	Greeg Court (residential)	58	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	70	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	72	UT45	70	70	Moderate to Significant	Moderate to Significant
	28	Jurys Inn (N)	42	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	68	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	68	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	66	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	60	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	61	UT47	75	75	Not Significant	Not Significant
	34	Ivy Exchange	36	UT47	75	75	Not Significant	Not Significant
	1	Rotunda	67	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	46	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	60	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	62	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	56	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	65	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	68	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	70	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	10	Savoy Cinema	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	11	14 O'Connell St	71	UT47	75	75	Slight to Moderate	Slight to Moderate
	12	9 - 12 O'Connell St	70	UT47	75	75	Not Significant	Not Significant

OConnell St Station

Activity	Receptor		Calculated Noise Level, dB LAeq,T	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
O'Connell St Station Piling Works	13	1 - 8 O'Connell St	68	UT47	75	75	Not Significant	Not Significant	
	14	18 - 34 O'Connell St Lower	64	UT47	75	75	Not Significant	Not Significant	
	15	GPO Henry St	66	UT47	75	75	Not Significant	Not Significant	
	16	24 - 30 Henry St	63	UT46	75	75	Not Significant	Not Significant	
	17	34 - 41 Henry St (rear)	68	UT46	75	75	Not Significant	Not Significant	
	18	1 - 9 Moore St (rear)	68	UT46	75	75	Not Significant	Not Significant	
	19	55 - 61 Moore St	49	UT46	75	75	Not Significant	Not Significant	
	20	Henry Pl (Rear)	67	UT46	75	75	Not Significant	Not Significant	
	21	13 - 16 Moore St (Rear)	67	UT46	75	75	Not Significant	Not Significant	
	22	20 Moore St (Rear)	52	UT46	75	75	Not Significant	Not Significant	
	23	24 Moore St, Hope Rehabilitation (Rear)	61	UT46	75	75	Not Significant	Not Significant	
	24	Ilac Centre	42	UT46	75	75	Not Significant	Not Significant	
	25	Greeg Court (residential)	63	UT46	70	65	Not Significant	Slight to Moderate	
	26	Jurys Inn (S)	72	UT46	70	70	Moderate to Significant	Moderate to Significant	
	27	Jurys Inn (E)	74	UT45	70	70	Moderate to Significant	Moderate to Significant	
	28	Jurys Inn (N)	45	UT46	70	70	Not Significant	Not Significant	
	29	72 Purnell St	71	UT45	75	75	Not Significant	Not Significant	
	30	AIB (West)	71	UT45	75	75	Not Significant	Not Significant	
	31	AIB (East)	69	UT47	75	75	Not Significant	Not Significant	
	32	49 - 58 R132	64	UT46	75	75	Not Significant	Not Significant	
	33	166 - 168 Parnell St	64	UT47	75	75	Not Significant	Not Significant	
	34	Ivy Exchange	48	UT47	75	75	Not Significant	Not Significant	
	O'Connell Station Works Excavation Ground Level	1	Rotunda	64	UT47	75	75	Not Significant	Not Significant
		2	Ambassador Theatre	44	UT47	75	75	Not Significant	Not Significant
		3	Cassidys Hotel	58	UT47	75	75	Not Significant	Not Significant
		4	2 - 6 Rae Cavendish (Commercial)	60	UT47	75	75	Not Significant	Not Significant
		5	153 - 162 Parnell St	54	UT46	75	75	Not Significant	Not Significant
		6	Murray's Pub	63	UT47	75	75	Not Significant	Not Significant
		7	Holiday Inn	66	UT47	75	75	Not Significant	Not Significant
		8	Hotel Rui	68	UT47	75	75	Not Significant	Not Significant
		9	19 O'Connell St	68	UT47	75	75	Not Significant	Not Significant
		10	Savoy Cinema	69	UT47	75	75	Not Significant	Not Significant
		11	14 O'Connell St	68	UT47	75	75	Not Significant	Not Significant
		12	9 - 12 O'Connell St	68	UT47	75	75	Not Significant	Not Significant
13		1 - 8 O'Connell St	66	UT47	75	75	Not Significant	Not Significant	
14		18 - 34 O'Connell St Lower	62	UT47	75	75	Not Significant	Not Significant	
15		GPO Henry St	63	UT47	75	75	Not Significant	Not Significant	
16		24 - 30 Henry St	61	UT46	75	75	Not Significant	Not Significant	
17		34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant	
18		1 - 9 Moore St (rear)	66	UT46	75	75	Not Significant	Not Significant	
19		55 - 61 Moore St	48	UT46	75	75	Not Significant	Not Significant	
20		Henry Pl (Rear)	65	UT46	75	75	Not Significant	Not Significant	
21		13 - 16 Moore St (Rear)	65	UT46	75	75	Not Significant	Not Significant	
22		20 Moore St (Rear)	51	UT46	75	75	Not Significant	Not Significant	
23		24 Moore St, Hope Rehabilitation (Rear)	59	UT46	75	75	Not Significant	Not Significant	
24		Ilac Centre	41	UT46	75	75	Not Significant	Not Significant	
25		Greeg Court (residential)	61	UT46	70	65	Not Significant	Not Significant	
26		Jurys Inn (S)	70	UT46	70	70	Not Significant	Not Significant	
27		Jurys Inn (E)	72	UT45	70	70	Moderate to Significant	Moderate to Significant	
28		Jurys Inn (N)	43	UT46	70	70	Not Significant	Not Significant	
29		72 Purnell St	69	UT45	75	75	Not Significant	Not Significant	
30		AIB (West)	69	UT45	75	75	Not Significant	Not Significant	
31		AIB (East)	67	UT47	75	75	Not Significant	Not Significant	
32		49 - 58 R132	61	UT46	75	75	Not Significant	Not Significant	
33		166 - 168 Parnell St	62	UT47	75	75	Not Significant	Not Significant	
34		Ivy Exchange	47	UT47	75	75	Not Significant	Not Significant	
O'Connell Station Works Excavation Underground	1	Rotunda	64	UT47	75	75	Not Significant	Not Significant	
	2	Ambassador Theatre	42	UT47	75	75	Not Significant	Not Significant	
	3	Cassidys Hotel	56	UT47	75	75	Not Significant	Not Significant	
	4	2 - 6 Rae Cavendish (Commercial)	58	UT47	75	75	Not Significant	Not Significant	
	5	153 - 162 Parnell St	52	UT46	75	75	Not Significant	Not Significant	
	6	Murray's Pub	63	UT47	75	75	Not Significant	Not Significant	
	7	Holiday Inn	65	UT47	75	75	Not Significant	Not Significant	
	8	Hotel Rui	67	UT47	75	75	Not Significant	Not Significant	
	9	19 O'Connell St	67	UT47	75	75	Not Significant	Not Significant	
	10	Savoy Cinema	67	UT47	75	75	Not Significant	Not Significant	
	11	14 O'Connell St	67	UT47	75	75	Not Significant	Not Significant	
	12	9 - 12 O'Connell St	66	UT47	75	75	Not Significant	Not Significant	
	13	1 - 8 O'Connell St	65	UT47	75	75	Not Significant	Not Significant	
	14	18 - 34 O'Connell St Lower	61	UT47	75	75	Not Significant	Not Significant	
	15	GPO Henry St	63	UT47	75	75	Not Significant	Not Significant	
	16	24 - 30 Henry St	60	UT46	75	75	Not Significant	Not Significant	
	17	34 - 41 Henry St (rear)	65	UT46	75	75	Not Significant	Not Significant	
	18	1 - 9 Moore St (rear)	66	UT46	75	75	Not Significant	Not Significant	
	19	55 - 61 Moore St	47	UT46	75	75	Not Significant	Not Significant	
	20	Henry Pl (Rear)	64	UT46	75	75	Not Significant	Not Significant	
	21	13 - 16 Moore St (Rear)	63	UT46	75	75	Not Significant	Not Significant	
	22	20 Moore St (Rear)	50	UT46	75	75	Not Significant	Not Significant	
	23	24 Moore St, Hope Rehabilitation (Rear)	56	UT46	75	75	Not Significant	Not Significant	
	24	Ilac Centre	41	UT46	75	75	Not Significant	Not Significant	

OConnell St Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Finishing & Fit-Out Works	25	Greeg Court (residential)	59	UT46	70	65	Not Significant	Not Significant
	26	Jurys Inn (S)	68	UT46	70	70	Not Significant	Not Significant
	27	Jurys Inn (E)	73	UT45	70	70	Moderate to Significant	Moderate to Significant
	28	Jurys Inn (N)	44	UT46	70	70	Not Significant	Not Significant
	29	72 Purnell St	70	UT45	75	75	Not Significant	Not Significant
	30	AIB (West)	70	UT45	75	75	Not Significant	Not Significant
	31	AIB (East)	66	UT47	75	75	Not Significant	Not Significant
	32	49 - 58 R132	59	UT46	75	75	Not Significant	Not Significant
	33	166 - 168 Parnell St	60	UT47	75	75	Not Significant	Not Significant
	34	Ivy Exchange	48	UT47	75	75	Not Significant	Not Significant
	1	Rotunda	63	UT47	75	75	Not Significant	Not Significant
	2	Ambassador Theatre	44	UT47	75	75	Not Significant	Not Significant
	3	Cassidys Hotel	54	UT47	75	75	Not Significant	Not Significant
	4	2 - 6 Rae Cavendish (Commercial)	57	UT47	75	75	Not Significant	Not Significant
	5	153 - 162 Parnell St	53	UT46	75	75	Not Significant	Not Significant
	6	Murray's Pub	61	UT47	75	75	Not Significant	Not Significant
	7	Holiday Inn	64	UT47	75	75	Not Significant	Not Significant
	8	Hotel Rui	66	UT47	75	75	Not Significant	Not Significant
	9	19 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	10	Savoy Cinema	66	UT47	75	75	Not Significant	Not Significant
	11	14 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	12	9 - 12 O'Connell St	66	UT47	75	75	Not Significant	Not Significant
	13	1 - 8 O'Connell St	64	UT47	75	75	Not Significant	Not Significant
	14	18 - 34 O'Connell St Lower	60	UT47	75	75	Not Significant	Not Significant
	15	GPO Henry St	63	UT47	75	75	Not Significant	Not Significant
	16	24 - 30 Henry St	62	UT46	75	75	Not Significant	Not Significant
	17	34 - 41 Henry St (rear)	66	UT46	75	75	Not Significant	Not Significant
	18	1 - 9 Moore St (rear)	69	UT46	75	75	Not Significant	Not Significant
	19	55 - 61 Moore St	48	UT46	75	75	Not Significant	Not Significant
	20	Henry Pl (Rear)	68	UT46	75	75	Not Significant	Not Significant
	21	13 - 16 Moore St (Rear)	68	UT46	75	75	Not Significant	Not Significant
	22	20 Moore St (Rear)	50	UT46	75	75	Not Significant	Not Significant
	23	24 Moore St, Hope Rehabilitation (Rear)	57	UT46	75	75	Not Significant	Not Significant
	24	Ilac Centre	42	UT46	75	75	Not Significant	Not Significant
25	Greeg Court (residential)	58	UT46	70	65	Not Significant	Not Significant	
26	Jurys Inn (S)	70	UT46	70	70	Not Significant	Not Significant	
27	Jurys Inn (E)	72	UT45	70	70	Not Significant	Not Significant	
28	Jurys Inn (N)	42	UT46	70	70	Not Significant	Not Significant	
29	72 Purnell St	68	UT45	75	75	Not Significant	Not Significant	
30	AIB (West)	68	UT45	75	75	Not Significant	Not Significant	
31	AIB (East)	66	UT47	75	75	Not Significant	Not Significant	
32	49 - 58 R132	60	UT46	75	75	Not Significant	Not Significant	
33	166 - 168 Parnell St	61	UT47	75	75	Not Significant	Not Significant	
34	Ivy Exchange	36	UT47	75	75	Not Significant	Not Significant	

Seatown Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Remove and store topsoil	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	2	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	90	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	2	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Install guide walls & piling mat	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	3	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	90	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	90	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Telehandler	BS 5228-1:2009 Table C.4:54	79	1	0	0	25	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	25	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Secant Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	30	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	90	90
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	90	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	90	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	90	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	75	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	50	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	2	0	0	75	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	6	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	6	0	0	25	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Excavation/Capping beams & propping	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	2	0	0	50	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Concrete works	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	25	0	0
	Scabbling Concrete	BS 5228-1:2009 Table C.1:6	83	2	0	0	25	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	4	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	5	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	5	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	50	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	10	0	0
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	25	0	0	
Compressor	BS 5228-1:2009 Table C.3:19	75	2	0	0	50	0	0	
Site reinstatement & landscaping works	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1	0	0	10	0	0
	360 Excavator with Movax (29t)	BS 5228-1:2009 Table C.3:8	88	1	0	0	20	0	0

Seatown Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	75	0	0

Seatown Station

Activity	Receptor		Predicted CNL, dB $L_{Aeq,T}$	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Remove and store topsoil	40	11 Comyn Manor	42	UT6	75	75	Not Significant	Not Significant
	41	12-14 Comyn Manor	54	UT6	75	75	Not Significant	Not Significant
	42	1-3 Comyn Manor	55	UT6	75	75	Not Significant	Not Significant
	43	4 Comyn Manor	55	UT6	75	75	Not Significant	Not Significant
	44	Log House Master	56	UT5	75	75	Not Significant	Not Significant
	45	Hertz	72	UT5	75	75	Not Significant	Not Significant
	46	1-4 Seatown Terrace	57	AT4	70	70	Not Significant	Not Significant
	47	5-8 Seatown Terrace	58	AT4	70	70	Not Significant	Not Significant
	48	19-24Seatown Terrace	60	AT4	70	70	Not Significant	Not Significant
	49	Kids Inc Creche	61	UT7	75	70	Not Significant	Not Significant
	50	St Colmcille's Boy's School	56	AT4	65	65	Not Significant	Not Significant
	51	20 Seatown Walk	60	UT7	75	70	Not Significant	Not Significant
	52	15 - 19 Seatown Walk	59	UT7	75	70	Not Significant	Not Significant
	53	7-14 Seatown Walk	57	UT7	75	70	Not Significant	Not Significant
	54	1-6 Seatown Walk	54	UT7	75	70	Not Significant	Not Significant
	55	Saint Colmcille's Girls School	46	AT4	65	65	Not Significant	Not Significant
	56	North Dublin Corporate Park	77	AT5	75	75	Moderate to Significant	Moderate to Significant
	57	North Dublin Corporate Park	65	AT5	75	75	Not Significant	Not Significant
58	Seimens	55	AT5	75	75	Not Significant	Not Significant	
Install guide walls & piling mat	40	11 Comyn Manor	46	UT6	75	75	Not Significant	Not Significant
	41	12-14 Comyn Manor	60	UT6	75	75	Not Significant	Not Significant
	42	1-3 Comyn Manor	61	UT6	75	75	Not Significant	Not Significant
	43	4 Comyn Manor	61	UT6	75	75	Not Significant	Not Significant
	44	Log House Master	63	UT5	75	75	Not Significant	Not Significant
	45	Hertz	87	UT5	75	75	Significant to Very Significant	Significant to Very Significant
	46	1-4 Seatown Terrace	61	AT4	70	70	Not Significant	Not Significant
	47	5-8 Seatown Terrace	62	AT4	70	70	Not Significant	Not Significant
	48	19-24Seatown Terrace	64	AT4	70	70	Not Significant	Not Significant
	49	Kids Inc Creche	63	UT7	75	70	Not Significant	Not Significant
	50	St Colmcille's Boy's School	60	AT4	65	65	Not Significant	Not Significant
	51	20 Seatown Walk	55	UT7	75	70	Not Significant	Not Significant
	52	15 - 19 Seatown Walk	60	UT7	75	70	Not Significant	Not Significant
	53	7-14 Seatown Walk	57	UT7	75	70	Not Significant	Not Significant
	54	1-6 Seatown Walk	50	UT7	75	70	Not Significant	Not Significant
	55	Saint Colmcille's Girls School	50	AT4	65	65	Not Significant	Not Significant
	56	North Dublin Corporate Park	71	AT5	75	75	Not Significant	Not Significant
	57	North Dublin Corporate Park	66	AT5	75	75	Not Significant	Not Significant
58	Seimens	57	AT5	75	75	Not Significant	Not Significant	
Secant Piling Works	40	11 Comyn Manor	45	UT6	75	75	Not Significant	Not Significant
	41	12-14 Comyn Manor	57	UT6	75	75	Not Significant	Not Significant
	42	1-3 Comyn Manor	59	UT6	75	75	Not Significant	Not Significant
	43	4 Comyn Manor	59	UT6	75	75	Not Significant	Not Significant
	44	Log House Master	61	UT5	75	75	Not Significant	Not Significant
	45	Hertz	84	UT5	75	75	Significant to Very Significant	Significant to Very Significant
	46	1-4 Seatown Terrace	59	AT4	70	70	Not Significant	Not Significant
	47	5-8 Seatown Terrace	60	AT4	70	70	Not Significant	Not Significant
	48	19-24Seatown Terrace	62	AT4	70	70	Not Significant	Not Significant
	49	Kids Inc Creche	61	UT7	75	70	Not Significant	Not Significant
	50	St Colmcille's Boy's School	58	AT4	65	65	Not Significant	Not Significant
	51	20 Seatown Walk	56	UT7	75	70	Not Significant	Not Significant
	52	15 - 19 Seatown Walk	58	UT7	75	70	Not Significant	Not Significant
	53	7-14 Seatown Walk	56	UT7	75	70	Not Significant	Not Significant
	54	1-6 Seatown Walk	51	UT7	75	70	Not Significant	Not Significant
	55	Saint Colmcille's Girls School	48	AT4	65	65	Not Significant	Not Significant
	56	North Dublin Corporate Park	71	AT5	75	75	Not Significant	Not Significant
	57	North Dublin Corporate Park	64	AT5	75	75	Not Significant	Not Significant
58	Seimens	55	AT5	75	75	Not Significant	Not Significant	
Excavation/Capping beams & propping	40	11 Comyn Manor	45	UT6	75	75	Not Significant	Not Significant
	41	12-14 Comyn Manor	58	UT6	75	75	Not Significant	Not Significant
	42	1-3 Comyn Manor	60	UT6	75	75	Not Significant	Not Significant
	43	4 Comyn Manor	60	UT6	75	75	Not Significant	Not Significant
	44	Log House Master	62	UT5	75	75	Not Significant	Not Significant
	45	Hertz	85	UT5	75	75	Significant to Very Significant	Significant to Very Significant
	46	1-4 Seatown Terrace	60	AT4	70	70	Not Significant	Not Significant
	47	5-8 Seatown Terrace	61	AT4	70	70	Not Significant	Not Significant
	48	19-24Seatown Terrace	63	AT4	70	70	Not Significant	Not Significant
	49	Kids Inc Creche	62	UT7	75	70	Not Significant	Not Significant
	50	St Colmcille's Boy's School	59	AT4	65	65	Not Significant	Not Significant
	51	20 Seatown Walk	55	UT7	75	70	Not Significant	Not Significant
	52	15 - 19 Seatown Walk	59	UT7	75	70	Not Significant	Not Significant
	53	7-14 Seatown Walk	56	UT7	75	70	Not Significant	Not Significant
	54	1-6 Seatown Walk	50	UT7	75	70	Not Significant	Not Significant
	55	Saint Colmcille's Girls School	48	AT4	65	65	Not Significant	Not Significant
	56	North Dublin Corporate Park	70	AT5	75	75	Not Significant	Not Significant
	57	North Dublin Corporate Park	64	AT5	75	75	Not Significant	Not Significant
58	Seimens	56	AT5	75	75	Not Significant	Not Significant	
Concrete works	40	11 Comyn Manor	43	UT6	75	75	Not Significant	Not Significant
	41	12-14 Comyn Manor	57	UT6	75	75	Not Significant	Not Significant
	42	1-3 Comyn Manor	59	UT6	75	75	Not Significant	Not Significant
	43	4 Comyn Manor	59	UT6	75	75	Not Significant	Not Significant
	44	Log House Master	61	UT5	75	75	Not Significant	Not Significant
	45	Hertz	84	UT5	75	75	Significant to Very Significant	Significant to Very Significant
	46	1-4 Seatown Terrace	59	AT4	70	70	Not Significant	Not Significant
	47	5-8 Seatown Terrace	60	AT4	70	70	Not Significant	Not Significant
	48	19-24Seatown Terrace	62	AT4	70	70	Not Significant	Not Significant
	49	Kids Inc Creche	60	UT7	75	70	Not Significant	Not Significant
	50	St Colmcille's Boy's School	58	AT4	65	65	Not Significant	Not Significant
	51	20 Seatown Walk	49	UT7	75	70	Not Significant	Not Significant
	52	15 - 19 Seatown Walk	57	UT7	75	70	Not Significant	Not Significant
	53	7-14 Seatown Walk	54	UT7	75	70	Not Significant	Not Significant
	54	1-6 Seatown Walk	45	UT7	75	70	Not Significant	Not Significant

Seatown Station

Activity	Receptor		Predicted CNL, dB $L_{Aeq,T}$	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	55	Saint Colmcille's Girls School	47	AT4	65	65	Not Significant	Not Significant
	56	North Dublin Corporate Park	66	AT5	75	75	Not Significant	Not Significant
	57	North Dublin Corporate Park	63	AT5	75	75	Not Significant	Not Significant
	58	Seimens	54	AT5	75	75	Not Significant	Not Significant
Site reinstatement & landscaping works	40	11 Comyn Manor	38	UT6	75	75	Not Significant	Not Significant
	41	12-14 Comyn Manor	52	UT6	75	75	Not Significant	Not Significant
	42	1-3 Comyn Manor	54	UT6	75	75	Not Significant	Not Significant
	43	4 Comyn Manor	54	UT6	75	75	Not Significant	Not Significant
	44	Log House Master	55	UT5	75	75	Not Significant	Not Significant
	45	Hertz	78	UT5	75	75	Moderate to Significant	Moderate to Significant
	46	1-4 Seatown Terrace	54	AT4	70	70	Not Significant	Not Significant
	47	5-8 Seatown Terrace	55	AT4	70	70	Not Significant	Not Significant
	48	19-24 Seatown Terrace	57	AT4	70	70	Not Significant	Not Significant
	49	Kids Inc Creche	57	UT7	75	70	Not Significant	Not Significant
	50	St Colmcille's Boy's School	53	AT4	65	65	Not Significant	Not Significant
	51	20 Seatown Walk	53	UT7	75	70	Not Significant	Not Significant
	52	15 - 19 Seatown Walk	54	UT7	75	70	Not Significant	Not Significant
	53	7-14 Seatown Walk	52	UT7	75	70	Not Significant	Not Significant
	54	1-6 Seatown Walk	47	UT7	75	70	Not Significant	Not Significant
	55	Saint Colmcille's Girls School	42	AT4	65	65	Not Significant	Not Significant
	56	North Dublin Corporate Park	70	AT5	75	75	Not Significant	Not Significant
	57	North Dublin Corporate Park	60	AT5	75	75	Not Significant	Not Significant
58	Seimens	50	AT5	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
	Station Piling Works	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Bentonite Plant		BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
Pile Boring Rig (Contig/Secant)		BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
D-wall Hydroraise		Manufacturer Reference	84	2	0	0	40	0	0	
D-Wall Rig		Manufacturer Reference	84	1	0	0	40	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
Station Works Excavation - Ground Level (includes batching plant)		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100
		Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
		Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
		Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
		Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Station Works Excavation - Underground	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t) (Underground)		BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0	
FLEXIROC T30 Drill rig		BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0	
FlexiROC T15 Drill rig		Manufacturer Reference	91 (-10)	2	0	0	10	0	0	
Jumbo		Manufacturer Reference	91 (-10)	2	0	0	30	0	0	
Drum cutter		Manufacturer Reference	84 (-10)	2	0	0	30	0	0	
General Site Loader (underground)		BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0	
Breaker mounted on Excavator (underground)		BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
4 Wheel Platform (underground)		BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0	
360 Excavator (underground)		BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	

Stephens Green Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Stephens Green Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
	Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Bentonite Plant		BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
Pile Boring Rig (Contig/Secant)		BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
D-wall Hydrofraise		Manufacturer Reference	84	2	0	0	40	0	0	
D-Wall Rig		Manufacturer Reference	84	1	0	0	40	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
Station Works Excavation - Gound Level (includes batching plant)		HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
		Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
		Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
		Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
		Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0	
	Station Works Excavation - Underground	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
		Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
		Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
		General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
		HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
Generator 200KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70	
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68 (-10)	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	

Stephens Green Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Bank of Ireland	70	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	74	AT47	75	75	Slight to Moderate	Slight to Moderate
	3	44 - 45 SSG	75	AT47	75	75	Slight to Moderate	Slight to Moderate
	4	15 - 17 Hume St	63	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	54	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	47	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	43	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	67	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	60	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	75	AT47	75	75	Slight to Moderate	Slight to Moderate
	11	47 - 49 St Stephens Gre	75	AT47	75	75	Slight to Moderate	Slight to Moderate
	12	Royal Hibernian Acader	74	AT47	75	75	Slight to Moderate	Slight to Moderate
	13	Royal Hibernian Acader	74	AT47	75	75	Slight to Moderate	Slight to Moderate
	14	Loreto College	74	AT47	75	75	Slight to Moderate	Slight to Moderate
	15	TSB Bank	69	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Gre	65	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	40	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Low	61	AT49	75	75	Not Significant	Not Significant
	19	Lavery House	60	AT49	75	75	Not Significant	Not Significant
	20	Saint Stephen's Green H	59	AT49	75	75	Not Significant	Not Significant
	21	Conrad Hotel	57	AT49	75	75	Not Significant	Not Significant
	22	61 - 68 St Stephen's Gre	64	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	64	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Gre	62	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	61	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign	60	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Gre	58	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Ha	58	AT49	75	75	Not Significant	Not Significant
	29	Newman University Chu	56	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Gre	55	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Gre	54	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's G	53	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	52	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	50	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	51	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	51	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's	52	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	52	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	52	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	52	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	51	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Greer	52	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Greer	53	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Greer	55	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	59	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	61	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	65	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	53	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	37	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	69	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	69	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	55	AT47	75	75	Not Significant	Not Significant
	53	Department of the Tao	58	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	59	AT47	75	75	Not Significant	Not Significant
	55	1 - 6 Merrion's Row	48	AT47	75	75	Not Significant	Not Significant
	56	Department of Agricult	53	AT47	75	75	Not Significant	Not Significant
	57	12 - 18 Merrion Row (F	39	AT47	75	75	Not Significant	Not Significant
	58	12 - 18 Merrion Row (re	42	AT47	75	75	Not Significant	Not Significant
	1	Bank of Ireland	71	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	74	AT47	75	75	Slight to Moderate	Slight to Moderate
	3	44 - 45 SSG	76	AT47	75	75	Moderate to Significant	Moderate to Significant
	4	15 - 17 Hume St	65	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	62	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	59	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	51	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	69	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	62	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	77	AT47	75	75	Moderate to Significant	Moderate to Significant
	11	47 - 49 St Stephens Gre	77	AT47	75	75	Moderate to Significant	Moderate to Significant
	12	Royal Hibernian Acader	77	AT47	75	75	Moderate to Significant	Moderate to Significant
	13	Royal Hibernian Acader	75	AT47	75	75	Slight to Moderate	Slight to Moderate
	14	Loreto College	73	AT47	75	75	Slight to Moderate	Slight to Moderate
	15	TSB Bank	69	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Gre	67	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	38	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Low	62	AT49	75	75	Not Significant	Not Significant

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Piling Works	19	Lavery House	61	AT49	75	75	Not Significant	Not Significant	
	20	Saint Stephen's Green H	61	AT49	75	75	Not Significant	Not Significant	
	21	Conrad Hotel	58	AT49	75	75	Not Significant	Not Significant	
	22	61 - 68 St Stephen's Gre	65	AT49	75	75	Not Significant	Not Significant	
	23	Hainault House	65	AT49	75	75	Not Significant	Not Significant	
	24	72 - 76 St Stephen's Gre	64	AT49	75	75	Not Significant	Not Significant	
	25	77 St Stephen's Green	63	AT49	75	75	Not Significant	Not Significant	
	26	Department of Foreign	62	AT49	75	75	Not Significant	Not Significant	
	27	82 - 84 St Stephen's Gre	60	AT49	75	75	Not Significant	Not Significant	
	28	Newman House and Ha	60	AT49	75	75	Not Significant	Not Significant	
	29	Newman University Ch	57	AT49	75	75	Not Significant	Not Significant	
	30	88 - 90 St Stephen's Gre	57	AT47	75	75	Not Significant	Not Significant	
	31	92 - 94 St Stephen's Gre	56	AT47	75	75	Not Significant	Not Significant	
	32	95 - 100 St Stephen's G	55	AT47	75	75	Not Significant	Not Significant	
	33	2 Harcourt Place	54	AT47	75	75	Not Significant	Not Significant	
	34	1 Harcourt Street	52	AT47	75	75	Not Significant	Not Significant	
	35	111 St Stephen's Green	53	AT47	75	75	Not Significant	Not Significant	
	36	Dublin Unitarian Church	53	AT47	75	75	Not Significant	Not Significant	
	37	114 - 120 St Stephen's	53	AT47	75	75	Not Significant	Not Significant	
	38	Royal College of Surgeo	54	AT47	75	75	Not Significant	Not Significant	
	39	The Fitzgerald Hotel	54	AT47	75	75	Not Significant	Not Significant	
	40	St Stephen's Green	54	AT47	75	75	Not Significant	Not Significant	
	41	51 - 56 King St South	53	AT47	75	75	Not Significant	Not Significant	
	42	1 - 5 St Stephen's Green	54	AT47	75	75	Not Significant	Not Significant	
	43	6 - 8 St Stephen's Green	55	AT47	75	75	Not Significant	Not Significant	
	44	9 - 12 St Stephen's Gre	57	AT47	75	75	Not Significant	Not Significant	
	45	14 - 17 St Stephen's Gre	61	AT47	75	75	Not Significant	Not Significant	
	46	Stephen Court	63	AT47	75	75	Not Significant	Not Significant	
	47	16 - 17 Kildare St	67	AT47	75	75	Not Significant	Not Significant	
	48	18 - 19 Kildare St	53	AT47	75	75	Not Significant	Not Significant	
	49	20 - 22 Kildare St	37	AT47	75	75	Not Significant	Not Significant	
	50	Shelbourne Hotel	70	AT47	75	75	Not Significant	Not Significant	
	51	35 - 38 St	69	AT47	75	75	Not Significant	Not Significant	
	52	9 Merrion Row	55	AT47	75	75	Not Significant	Not Significant	
	53	Department of the Tao	59	AT47	75	75	Not Significant	Not Significant	
	54	Lacy's Lane	59	AT47	75	75	Not Significant	Not Significant	
	55	1 - 6 Merrion's Row	48	AT47	75	75	Not Significant	Not Significant	
	56	Department of Agricult	54	AT47	75	75	Not Significant	Not Significant	
	57	12 - 18 Merrion Row (F	39	AT47	75	75	Not Significant	Not Significant	
	58	12 - 18 Merrion Row (re	41	AT47	75	75	Not Significant	Not Significant	
	Excavation Gound Level	1	Bank of Ireland	72	AT47	75	75	Slight to Moderate	Slight to Moderate
		2	41 - 43 SSG	75	AT47	75	75	Slight to Moderate	Slight to Moderate
		3	44 - 45 SSG	78	AT47	75	75	Moderate to Significant	Moderate to Significant
		4	15 - 17 Hume St	66	AT47	75	75	Not Significant	Not Significant
		5	13 - 14 Hume St	64	AT47	75	75	Not Significant	Not Significant
		6	9 - 12 Hume St	62	AT47	75	75	Not Significant	Not Significant
		7	4 - 8 Ely Place	51	AT47	75	75	Not Significant	Not Significant
		8	1 - 2 Hume Street	70	AT47	75	75	Not Significant	Not Significant
		9	3 - 8 Ely Place	64	AT47	75	75	Not Significant	Not Significant
		10	46 St Stephens Green	79	AT47	75	75	Moderate to Significant	Moderate to Significant
		11	47 - 49 St Stephens Gre	79	AT47	75	75	Moderate to Significant	Moderate to Significant
		12	Royal Hibernian Acader	78	AT47	75	75	Moderate to Significant	Moderate to Significant
		13	Royal Hibernian Acader	76	AT47	75	75	Moderate to Significant	Moderate to Significant
		14	Loreto College	75	AT47	75	75	Slight to Moderate	Slight to Moderate
		15	TSB Bank	71	AT47	75	75	Not Significant	Not Significant
		16	58 - 60 St Stephen's Gre	69	AT49	75	75	Not Significant	Not Significant
		17	100 - 104 Leeson Street	41	AT49	75	75	Not Significant	Not Significant
		18	1 - 7 Leeson Street Low	65	AT49	75	75	Not Significant	Not Significant
19		Lavery House	63	AT49	75	75	Not Significant	Not Significant	
20		Saint Stephen's Green H	63	AT49	75	75	Not Significant	Not Significant	
21		Conrad Hotel	61	AT49	75	75	Not Significant	Not Significant	
22		61 - 68 St Stephen's Gre	68	AT49	75	75	Not Significant	Not Significant	
23		Hainault House	67	AT49	75	75	Not Significant	Not Significant	
24		72 - 76 St Stephen's Gre	67	AT49	75	75	Not Significant	Not Significant	
25		77 St Stephen's Green	65	AT49	75	75	Not Significant	Not Significant	
26		Department of Foreign	64	AT49	75	75	Not Significant	Not Significant	
27		82 - 84 St Stephen's Gre	62	AT49	75	75	Not Significant	Not Significant	
28		Newman House and Ha	61	AT49	75	75	Not Significant	Not Significant	
29		Newman University Ch	59	AT49	75	75	Not Significant	Not Significant	
30		88 - 90 St Stephen's Gre	59	AT47	75	75	Not Significant	Not Significant	
31		92 - 94 St Stephen's Gre	58	AT47	75	75	Not Significant	Not Significant	
32		95 - 100 St Stephen's G	57	AT47	75	75	Not Significant	Not Significant	
33		2 Harcourt Place	56	AT47	75	75	Not Significant	Not Significant	
34		1 Harcourt Street	54	AT47	75	75	Not Significant	Not Significant	
35		111 St Stephen's Green	55	AT47	75	75	Not Significant	Not Significant	
36		Dublin Unitarian Church	54	AT47	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	37	114 - 120 St Stephen's	55	AT47	75	75	Not Significant	Not Significant	
	38	Royal College of Surgeo	56	AT47	75	75	Not Significant	Not Significant	
	39	The Fitzgerald Hotel	56	AT47	75	75	Not Significant	Not Significant	
	40	St Stephen's Green	56	AT47	75	75	Not Significant	Not Significant	
	41	51 - 56 King St South	55	AT47	75	75	Not Significant	Not Significant	
	42	1 - 5 St Stephen's Greer	56	AT47	75	75	Not Significant	Not Significant	
	43	6 - 8 St Stephen's Greer	57	AT47	75	75	Not Significant	Not Significant	
	44	9 - 12 St Stephen's Greer	59	AT47	75	75	Not Significant	Not Significant	
	45	14 - 17 St Stephen's Gre	63	AT47	75	75	Not Significant	Not Significant	
	46	Stephen Court	65	AT47	75	75	Not Significant	Not Significant	
	47	16 - 17 Kildare St	69	AT47	75	75	Not Significant	Not Significant	
	48	18 - 19 Kildare St	55	AT47	75	75	Not Significant	Not Significant	
	49	20 - 22 Kildare St	39	AT47	75	75	Not Significant	Not Significant	
	50	Shelbourne Hotel	72	AT47	75	75	Slight to Moderate	Slight to Moderate	
	51	35 - 38 St	71	AT47	75	75	Not Significant	Not Significant	
	52	9 Merrion Row	57	AT47	75	75	Not Significant	Not Significant	
	53	Department of the Tao	61	AT47	75	75	Not Significant	Not Significant	
	54	Lacy's Lane	61	AT47	75	75	Not Significant	Not Significant	
	55	1 - 6 Merrion's Row	50	AT47	75	75	Not Significant	Not Significant	
	56	Department of Agricult	56	AT47	75	75	Not Significant	Not Significant	
	57	12 - 18 Merrion Row (re	42	AT47	75	75	Not Significant	Not Significant	
	58	12 - 18 Merrion Row (re	44	AT47	75	75	Not Significant	Not Significant	
	Excavation Undergrou nd	1	Bank of Ireland	68	AT47	75	75	Not Significant	Not Significant
		2	41 - 43 SSG	71	AT47	75	75	Not Significant	Not Significant
		3	44 - 45 SSG	72	AT47	75	75	Slight to Moderate	Slight to Moderate
		4	15 - 17 Hume St	61	AT47	75	75	Not Significant	Not Significant
		5	13 - 14 Hume St	59	AT47	75	75	Not Significant	Not Significant
		6	9 - 12 Hume St	57	AT47	75	75	Not Significant	Not Significant
7		4 - 8 Ely Place	51	AT47	75	75	Not Significant	Not Significant	
8		1 - 2 Hume Street	66	AT47	75	75	Not Significant	Not Significant	
9		3 - 8 Ely Place	59	AT47	75	75	Not Significant	Not Significant	
10		46 St Stephens Green	74	AT47	75	75	Slight to Moderate	Slight to Moderate	
11		47 - 49 St Stephens Gre	73	AT47	75	75	Slight to Moderate	Slight to Moderate	
12		Royal Hibernian Acader	72	AT47	75	75	Slight to Moderate	Slight to Moderate	
13		Royal Hibernian Acader	71	AT47	75	75	Not Significant	Not Significant	
14		Loreto College	70	AT47	75	75	Not Significant	Not Significant	
15		TSB Bank	66	AT47	75	75	Not Significant	Not Significant	
16		58 - 60 St Stephen's Gre	64	AT49	75	75	Not Significant	Not Significant	
17		100 - 104 Leeson Street	38	AT49	75	75	Not Significant	Not Significant	
18		1 - 7 Leeson Street Low	59	AT49	75	75	Not Significant	Not Significant	
19		Lavery House	58	AT49	75	75	Not Significant	Not Significant	
20		Saint Stephen's Green H	58	AT49	75	75	Not Significant	Not Significant	
21		Conrad Hotel	55	AT49	75	75	Not Significant	Not Significant	
22		61 - 68 St Stephen's Gre	62	AT49	75	75	Not Significant	Not Significant	
23		Hainault House	62	AT49	75	75	Not Significant	Not Significant	
24		72 - 76 St Stephen's Gre	60	AT49	75	75	Not Significant	Not Significant	
25		77 St Stephen's Green	59	AT49	75	75	Not Significant	Not Significant	
26		Department of Foreign	58	AT49	75	75	Not Significant	Not Significant	
27		82 - 84 St Stephen's Gre	56	AT49	75	75	Not Significant	Not Significant	
28		Newman House and Ha	55	AT49	75	75	Not Significant	Not Significant	
29		Newman University Chu	53	AT49	75	75	Not Significant	Not Significant	
30		88 - 90 St Stephen's Gre	53	AT47	75	75	Not Significant	Not Significant	
31		92 - 94 St Stephen's Gre	52	AT47	75	75	Not Significant	Not Significant	
32		95 - 100 St Stephen's G	50	AT47	75	75	Not Significant	Not Significant	
33		2 Harcourt Place	49	AT47	75	75	Not Significant	Not Significant	
34		1 Harcourt Street	48	AT47	75	75	Not Significant	Not Significant	
35		111 St Stephen's Green	49	AT47	75	75	Not Significant	Not Significant	
36		Dublin Unitarian Church	48	AT47	75	75	Not Significant	Not Significant	
37		114 - 120 St Stephen's G	49	AT47	75	75	Not Significant	Not Significant	
38		Royal College of Surgeo	50	AT47	75	75	Not Significant	Not Significant	
39		The Fitzgerald Hotel	50	AT47	75	75	Not Significant	Not Significant	
40		St Stephen's Green	49	AT47	75	75	Not Significant	Not Significant	
41		51 - 56 King St South	49	AT47	75	75	Not Significant	Not Significant	
42		1 - 5 St Stephen's Greer	50	AT47	75	75	Not Significant	Not Significant	
43		6 - 8 St Stephen's Greer	51	AT47	75	75	Not Significant	Not Significant	
44		9 - 12 St Stephen's Greer	52	AT47	75	75	Not Significant	Not Significant	
45		14 - 17 St Stephen's Gre	57	AT47	75	75	Not Significant	Not Significant	
46		Stephen Court	59	AT47	75	75	Not Significant	Not Significant	
47		16 - 17 Kildare St	63	AT47	75	75	Not Significant	Not Significant	
48		18 - 19 Kildare St	51	AT47	75	75	Not Significant	Not Significant	
49		20 - 22 Kildare St	37	AT47	75	75	Not Significant	Not Significant	
50		Shelbourne Hotel	68	AT47	75	75	Not Significant	Not Significant	
51		35 - 38 St	67	AT47	75	75	Not Significant	Not Significant	
52		9 Merrion Row	53	AT47	75	75	Not Significant	Not Significant	
53		Department of the Tao	57	AT47	75	75	Not Significant	Not Significant	
54		Lacy's Lane	56	AT47	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T} Daytime	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Finishing & Fit-Out Works	55	1 - 6 Merrion's Row	46	AT47	75	75	Not Significant	Not Significant
	56	Department of Agriculture	51	AT47	75	75	Not Significant	Not Significant
	57	12 - 18 Merrion Row (F)	39	AT47	75	75	Not Significant	Not Significant
	58	12 - 18 Merrion Row (re)	41	AT47	75	75	Not Significant	Not Significant
	1	Bank of Ireland	66	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	69	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	70	AT47	75	75	Not Significant	Not Significant
	4	15 - 17 Hume St	59	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	50	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	46	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	40	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	62	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	56	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	71	AT47	75	75	Not Significant	Not Significant
	11	47 - 49 St Stephens Gre	71	AT47	75	75	Not Significant	Not Significant
	12	Royal Hibernian Acader	70	AT47	75	75	Not Significant	Not Significant
	13	Royal Hibernian Acader	70	AT47	75	75	Not Significant	Not Significant
	14	Loreto College	70	AT47	75	75	Not Significant	Not Significant
	15	TSB Bank	65	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Gre	61	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	35	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Low	57	AT49	75	75	Not Significant	Not Significant
	19	Lavery House	56	AT49	75	75	Not Significant	Not Significant
	20	Saint Stephen's Green	55	AT49	75	75	Not Significant	Not Significant
	21	Conrad Hotel	53	AT49	75	75	Not Significant	Not Significant
	22	61 - 68 St Stephen's Gre	60	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	59	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Gre	58	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	56	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign	56	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Gre	54	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Ha	53	AT49	75	75	Not Significant	Not Significant
	29	Newman University Ch	51	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Gre	51	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Gre	50	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's G	48	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	47	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	45	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	46	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's	47	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	48	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	47	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	46	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Green	48	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Gree	50	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	54	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	56	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	60	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	49	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	33	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	65	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	64	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	51	AT47	75	75	Not Significant	Not Significant
	53	Department of the Tao	54	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	54	AT47	75	75	Not Significant	Not Significant
55	1 - 6 Merrion's Row	43	AT47	75	75	Not Significant	Not Significant	
56	Department of Agriculture	49	AT47	75	75	Not Significant	Not Significant	
57	12 - 18 Merrion Row (F)	35	AT47	75	75	Not Significant	Not Significant	
58	12 - 18 Merrion Row (re)	37	AT47	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Bank of Ireland	66	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	69	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	70	AT47	75	75	Not Significant	Not Significant
	4	15 - 17 Hume St	58	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	51	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	46	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	42	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	62	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	55	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	70	AT47	75	75	Not Significant	Not Significant
	11	47 - 49 St Stephens Gre	70	AT47	75	75	Not Significant	Not Significant
	12	Royal Hibernian Acader	70	AT47	75	75	Not Significant	Not Significant
	13	Royal Hibernian Acader	70	AT47	75	75	Not Significant	Not Significant
	14	Loreto College	69	AT47	75	75	Not Significant	Not Significant
	15	TSB Bank	65	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Gre	61	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	36	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Low	56	AT49	75	75	Not Significant	Not Significant
	19	Lavery House	55	AT49	75	75	Not Significant	Not Significant
	20	Saint Stephen's Green H	55	AT49	75	75	Not Significant	Not Significant
	21	Conrad Hotel	52	AT49	75	75	Not Significant	Not Significant
	22	61 - 68 St Stephen's Gre	59	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	59	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Gre	57	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	56	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign	55	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Gre	53	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Ha	53	AT49	75	75	Not Significant	Not Significant
	29	Newman University Ch	51	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Gre	51	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Gre	50	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's G	48	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	47	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	45	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	46	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's G	47	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	47	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	47	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	46	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Green	48	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Gre	50	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	54	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	56	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	60	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	49	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	34	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	64	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	64	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	51	AT47	75	75	Not Significant	Not Significant
	53	Department of the Tao	54	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	54	AT47	75	75	Not Significant	Not Significant
	55	1 - 6 Merrion's Row	44	AT47	75	75	Not Significant	Not Significant
	56	Department of Agricult	49	AT47	75	75	Not Significant	Not Significant
	57	12 - 18 Merrion Row (F	35	AT47	75	75	Not Significant	Not Significant
	58	12 - 18 Merrion Row (re	38	AT47	75	75	Not Significant	Not Significant
	1	Bank of Ireland	70	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	73	AT47	75	75	Slight to Moderate	Slight to Moderate
	3	44 - 45 SSG	76	AT47	75	75	Moderate to Significant	Moderate to Significant
	4	15 - 17 Hume St	64	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	62	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	59	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	50	AT47	75	75	Not Significant	Not Significant

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Piling Works	8	1 - 2 Hume Street	68	AT47	75	75	Not Significant	Not Significant	
	9	3 - 8 Ely Place	62	AT47	75	75	Not Significant	Not Significant	
	10	46 St Stephens Green	76	AT47	75	75	Moderate to Significant	Moderate to Significant	
	11	47 - 49 St Stephens Gre	76	AT47	75	75	Moderate to Significant	Moderate to Significant	
	12	Royal Hibernian Acader	76	AT47	75	75	Moderate to Significant	Moderate to Significant	
	13	Royal Hibernian Acader	75	AT47	75	75	Slight to Moderate	Slight to Moderate	
	14	Loreto College	73	AT47	75	75	Slight to Moderate	Slight to Moderate	
	15	TSB Bank	69	AT47	75	75	Not Significant	Not Significant	
	16	58 - 60 St Stephen's Gre	66	AT49	75	75	Not Significant	Not Significant	
	17	100 - 104 Leeson Street	38	AT49	75	75	Not Significant	Not Significant	
	18	1 - 7 Leeson Street Low	62	AT49	75	75	Not Significant	Not Significant	
	19	Lavery House	61	AT49	75	75	Not Significant	Not Significant	
	20	Saint Stephen's Green H	61	AT49	75	75	Not Significant	Not Significant	
	21	Conrad Hotel	58	AT49	75	75	Not Significant	Not Significant	
	22	61 - 68 St Stephen's Gre	65	AT49	75	75	Not Significant	Not Significant	
	23	Hainault House	65	AT49	75	75	Not Significant	Not Significant	
	24	72 - 76 St Stephen's Gre	64	AT49	75	75	Not Significant	Not Significant	
	25	77 St Stephen's Green	63	AT49	75	75	Not Significant	Not Significant	
	26	Department of Foreign	62	AT49	75	75	Not Significant	Not Significant	
	27	82 - 84 St Stephen's Gre	60	AT49	75	75	Not Significant	Not Significant	
	28	Newman House and Ha	59	AT49	75	75	Not Significant	Not Significant	
	29	Newman University Ch	57	AT49	75	75	Not Significant	Not Significant	
	30	88 - 90 St Stephen's Gre	57	AT47	75	75	Not Significant	Not Significant	
	31	92 - 94 St Stephen's Gre	56	AT47	75	75	Not Significant	Not Significant	
	32	95 - 100 St Stephen's G	54	AT47	75	75	Not Significant	Not Significant	
	33	2 Harcourt Place	53	AT47	75	75	Not Significant	Not Significant	
	34	1 Harcourt Street	52	AT47	75	75	Not Significant	Not Significant	
	35	111 St Stephen's Green	53	AT47	75	75	Not Significant	Not Significant	
	36	Dublin Unitarian Church	52	AT47	75	75	Not Significant	Not Significant	
	37	114 - 120 St Stephen's	53	AT47	75	75	Not Significant	Not Significant	
	38	Royal College of Surgeo	54	AT47	75	75	Not Significant	Not Significant	
	39	The Fitzgerald Hotel	54	AT47	75	75	Not Significant	Not Significant	
	40	St Stephen's Green	53	AT47	75	75	Not Significant	Not Significant	
	41	51 - 56 King St South	53	AT47	75	75	Not Significant	Not Significant	
	42	1 - 5 St Stephen's Green	54	AT47	75	75	Not Significant	Not Significant	
	43	6 - 8 St Stephen's Green	55	AT47	75	75	Not Significant	Not Significant	
	44	9 - 12 St Stephen's Gre	56	AT47	75	75	Not Significant	Not Significant	
	45	14 - 17 St Stephen's Gre	61	AT47	75	75	Not Significant	Not Significant	
	46	Stephen Court	63	AT47	75	75	Not Significant	Not Significant	
	47	16 - 17 Kildare St	67	AT47	75	75	Not Significant	Slight to Moderate	
	48	18 - 19 Kildare St	52	AT47	75	75	Not Significant	Not Significant	
	49	20 - 22 Kildare St	36	AT47	75	75	Not Significant	Not Significant	
	50	Shelbourne Hotel	69	AT47	75	75	Not Significant	Not Significant	
	51	35 - 38 St	69	AT47	75	75	Not Significant	Not Significant	
	52	9 Merrion Row	55	AT47	75	75	Not Significant	Not Significant	
	53	Department of the Tao	59	AT47	75	75	Not Significant	Not Significant	
	54	Lacy's Lane	59	AT47	75	75	Not Significant	Not Significant	
	55	1 - 6 Merrion's Row	47	AT47	75	75	Not Significant	Not Significant	
	56	Department of Agricult	53	AT47	75	75	Not Significant	Not Significant	
	57	12 - 18 Merrion Row (F	39	AT47	75	75	Not Significant	Not Significant	
	58	12 - 18 Merrion Row (re	41	AT47	75	75	Not Significant	Not Significant	
		1	Bank of Ireland	68	AT47	75	75	Not Significant	Not Significant
		2	41 - 43 SSG	71	AT47	75	75	Not Significant	Not Significant
		3	44 - 45 SSG	73	AT47	75	75	Slight to Moderate	Slight to Moderate
		4	15 - 17 Hume St	61	AT47	75	75	Not Significant	Not Significant
		5	13 - 14 Hume St	59	AT47	75	75	Not Significant	Not Significant
		6	9 - 12 Hume St	57	AT47	75	75	Not Significant	Not Significant
		7	4 - 8 Ely Place	50	AT47	75	75	Not Significant	Not Significant
8		1 - 2 Hume Street	66	AT47	75	75	Not Significant	Not Significant	
9		3 - 8 Ely Place	60	AT47	75	75	Not Significant	Not Significant	
10		46 St Stephens Green	74	AT47	75	75	Slight to Moderate	Slight to Moderate	
11		47 - 49 St Stephens Gre	74	AT47	75	75	Slight to Moderate	Slight to Moderate	
12		Royal Hibernian Acader	73	AT47	75	75	Slight to Moderate	Slight to Moderate	
13		Royal Hibernian Acader	72	AT47	75	75	Slight to Moderate	Slight to Moderate	
14		Loreto College	71	AT47	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Excavation Gound Level	15	TSB Bank	67	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Green	64	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	37	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Lower	60	AT49	75	75	Not Significant	Not Significant
	19	Lavery House	59	AT49	75	75	Not Significant	Not Significant
	20	Saint Stephen's Green House	59	AT49	75	75	Not Significant	Not Significant
	21	Conrad Hotel	56	AT49	75	75	Not Significant	Not Significant
	22	61 - 68 St Stephen's Green	63	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	63	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Green	62	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	60	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign Affairs	59	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Green	57	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Hall	56	AT49	75	75	Not Significant	Not Significant
	29	Newman University Church	54	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Green	54	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Green	53	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's Green	51	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	50	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	49	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	50	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	49	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's Green	50	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeons	51	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	51	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	50	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	50	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Green	51	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Green	52	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Green	54	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Green	58	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	60	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	64	AT47	75	75	Not Significant	Slight to Moderate
	48	18 - 19 Kildare St	51	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	35	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	67	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	67	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	53	AT47	75	75	Not Significant	Not Significant
	53	Department of the Taoiseach	57	AT47	75	75	Not Significant	Not Significant
54	Lacy's Lane	56	AT47	75	75	Not Significant	Not Significant	
55	1 - 6 Merrion's Row	46	AT47	75	75	Not Significant	Not Significant	
56	Department of Agriculture	51	AT47	75	75	Not Significant	Not Significant	
57	12 - 18 Merrion Row (Front)	37	AT47	75	75	Not Significant	Not Significant	
58	12 - 18 Merrion Row (Rear)	40	AT47	75	75	Not Significant	Not Significant	
	1	Bank of Ireland	67	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	69	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	71	AT47	75	75	Not Significant	Not Significant
	4	15 - 17 Hume St	60	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	57	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	56	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	50	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	65	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	58	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	72	AT47	75	75	Slight to Moderate	Slight to Moderate
	11	47 - 49 St Stephens Green	72	AT47	75	75	Slight to Moderate	Slight to Moderate
	12	Royal Hibernian Academy	71	AT47	75	75	Not Significant	Not Significant
	13	Royal Hibernian Academy	70	AT47	75	75	Not Significant	Not Significant
	14	Loreto College	69	AT47	75	75	Not Significant	Not Significant
15	TSB Bank	65	AT47	75	75	Not Significant	Not Significant	
16	58 - 60 St Stephen's Green	62	AT49	75	75	Not Significant	Not Significant	
17	100 - 104 Leeson Street	37	AT49	75	75	Not Significant	Not Significant	
18	1 - 7 Leeson Street Lower	58	AT49	75	75	Not Significant	Not Significant	
19	Lavery House	57	AT49	75	75	Not Significant	Not Significant	
20	Saint Stephen's Green House	57	AT49	75	75	Not Significant	Not Significant	
21	Conrad Hotel	54	AT49	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Excavation Underground	22	61 - 68 St Stephen's Green	61	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	61	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Green	59	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	57	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign Affairs	56	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Green	54	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Hall	54	AT49	75	75	Not Significant	Not Significant
	29	Newman University Church	51	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Green	51	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Green	50	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's Green	49	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	48	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	46	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	47	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeons	48	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	48	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	48	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	47	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Green	48	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Green	49	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Green	51	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Green	55	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	57	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	62	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	50	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	36	AT47	75	75	Not Significant	Not Significant
50	Shelbourne Hotel	67	AT47	75	75	Not Significant	Not Significant	
51	35 - 38 St	66	AT47	75	75	Not Significant	Not Significant	
52	9 Merrion Row	52	AT47	75	75	Not Significant	Not Significant	
53	Department of the Taoiseach	56	AT47	75	75	Not Significant	Not Significant	
54	Lacy's Lane	55	AT47	75	75	Not Significant	Not Significant	
55	1 - 6 Merrion's Row	45	AT47	75	75	Not Significant	Not Significant	
56	Department of Agriculture	50	AT47	75	75	Not Significant	Not Significant	
57	12 - 18 Merrion Row (Front)	38	AT47	75	75	Not Significant	Not Significant	
58	12 - 18 Merrion Row (Rear)	40	AT47	75	75	Not Significant	Not Significant	
1	Bank of Ireland	66	AT47	75	75	Not Significant	Not Significant	
2	41 - 43 SSG	69	AT47	75	75	Not Significant	Not Significant	
3	44 - 45 SSG	70	AT47	75	75	Not Significant	Not Significant	
4	15 - 17 Hume St	59	AT47	75	75	Not Significant	Not Significant	
5	13 - 14 Hume St	50	AT47	75	75	Not Significant	Not Significant	
6	9 - 12 Hume St	46	AT47	75	75	Not Significant	Not Significant	
7	4 - 8 Ely Place	40	AT47	75	75	Not Significant	Not Significant	
8	1 - 2 Hume Street	62	AT47	75	75	Not Significant	Not Significant	
9	3 - 8 Ely Place	56	AT47	75	75	Not Significant	Not Significant	
10	46 St Stephens Green	71	AT47	75	75	Not Significant	Not Significant	
11	47 - 49 St Stephens Green	71	AT47	75	75	Not Significant	Not Significant	
12	Royal Hibernian Academy	70	AT47	75	75	Not Significant	Not Significant	
13	Royal Hibernian Academy	70	AT47	75	75	Not Significant	Not Significant	
14	Loreto College	70	AT47	75	75	Not Significant	Not Significant	
15	TSB Bank	65	AT47	75	75	Not Significant	Not Significant	
16	58 - 60 St Stephen's Green	61	AT49	75	75	Not Significant	Not Significant	
17	100 - 104 Leeson Street	35	AT49	75	75	Not Significant	Not Significant	
18	1 - 7 Leeson Street Lower	57	AT49	75	75	Not Significant	Not Significant	
19	Lavery House	56	AT49	75	75	Not Significant	Not Significant	
20	Saint Stephen's Green House	55	AT49	75	75	Not Significant	Not Significant	
21	Conrad Hotel	53	AT49	75	75	Not Significant	Not Significant	
22	61 - 68 St Stephen's Green	60	AT49	75	75	Not Significant	Not Significant	
23	Hainault House	59	AT49	75	75	Not Significant	Not Significant	
24	72 - 76 St Stephen's Green	58	AT49	75	75	Not Significant	Not Significant	
25	77 St Stephen's Green	56	AT49	75	75	Not Significant	Not Significant	
26	Department of Foreign Affairs	56	AT49	75	75	Not Significant	Not Significant	
27	82 - 84 St Stephen's Green	54	AT49	75	75	Not Significant	Not Significant	
28	Newman House and Hall	53	AT49	75	75	Not Significant	Not Significant	

Finishes &

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T} Daytime	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Finishing & Fit-Out Works	29	Newman University Church	51	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Green	51	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Green	50	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's Green	48	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	47	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	45	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	46	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeons	48	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	47	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	46	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Green	47	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Green	48	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Green	50	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Green	54	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	56	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	60	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	49	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	33	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	65	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	64	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	51	AT47	75	75	Not Significant	Not Significant
	53	Department of the Taoiseach	54	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	54	AT47	75	75	Not Significant	Not Significant
	55	1 - 6 Merrion's Row	43	AT47	75	75	Not Significant	Not Significant
	56	Department of Agriculture	49	AT47	75	75	Not Significant	Not Significant
57	12 - 18 Merrion Row (Front)	35	AT47	75	75	Not Significant	Not Significant	
58	12 - 18 Merrion Row (Rear)	37	AT47	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Bank of Ireland	62	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	65	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	66	AT47	75	75	Not Significant	Not Significant
	4	15 - 17 Hume St	57	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	47	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	43	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	39	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	61	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	54	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	67	AT47	75	75	Not Significant	Not Significant
	11	47 - 49 St Stephens Gre	68	AT47	75	75	Not Significant	Not Significant
	12	Royal Hibernian Acader	68	AT47	75	75	Not Significant	Not Significant
	13	Royal Hibernian Acader	69	AT47	75	75	Not Significant	Not Significant
	14	Loreto College	68	AT47	75	75	Not Significant	Not Significant
	15	TSB Bank	61	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Gre	58	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	35	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Low	54	AT49	75	75	Not Significant	Not Significant
	19	Lavery House	52	AT49	75	75	Not Significant	Not Significant
	20	Saint Stephen's Green H	54	AT49	75	75	Not Significant	Not Significant
	21	Conrad Hotel	51	AT49	75	75	Not Significant	Not Significant
	22	61 - 68 St Stephen's Gre	58	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	58	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Gre	55	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	53	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign	51	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Gre	49	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Ha	48	AT49	75	75	Not Significant	Not Significant
	29	Newman University Chu	46	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Gre	46	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Gre	45	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's G	44	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	43	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	41	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	43	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	41	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's C	42	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	43	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	43	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	42	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	41	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Greer	43	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Greer	44	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Gree	45	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	49	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	51	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	57	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	45	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	33	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	62	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	61	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	49	AT47	75	75	Not Significant	Not Significant
	53	Department of the Taoi	52	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	50	AT47	75	75	Not Significant	Not Significant
	55	1 - 6 Merrion's Row	43	AT47	75	75	Not Significant	Not Significant
	56	Department of Agricult	48	AT47	75	75	Not Significant	Not Significant
	57	12 - 18 Merrion Row (F	35	AT47	75	75	Not Significant	Not Significant
	58	12 - 18 Merrion Row (re	38	AT47	75	75	Not Significant	Not Significant
	1	Bank of Ireland	68	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	71	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	72	AT47	75	75	Slight to Moderate	Not Significant
	4	15 - 17 Hume St	63	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	59	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	55	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	47	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	66	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	59	AT47	75	75	Not Significant	Not Significant

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Piling Works	10	46 St Stephens Green	73	AT47	75	75	Slight to Moderate	Not Significant	
	11	47 - 49 St Stephens Gre	73	AT47	75	75	Slight to Moderate	Not Significant	
	12	Royal Hibernian Acader	73	AT47	75	75	Slight to Moderate	Not Significant	
	13	Royal Hibernian Acader	71	AT47	75	75	Not Significant	Not Significant	
	14	Loreto College	70	AT47	75	75	Not Significant	Not Significant	
	15	TSB Bank	67	AT47	75	75	Not Significant	Not Significant	
	16	58 - 60 St Stephen's Gre	65	AT49	75	75	Not Significant	Not Significant	
	17	100 - 104 Leeson Street	38	AT49	75	75	Not Significant	Not Significant	
	18	1 - 7 Leeson Street Low	60	AT49	75	75	Not Significant	Not Significant	
	19	Lavery House	58	AT49	75	75	Not Significant	Not Significant	
	20	Saint Stephen's Green H	59	AT49	75	75	Not Significant	Not Significant	
	21	Conrad Hotel	56	AT49	75	75	Not Significant	Not Significant	
	22	61 - 68 St Stephen's Gre	64	AT49	75	75	Not Significant	Not Significant	
	23	Hainault House	64	AT49	75	75	Not Significant	Not Significant	
	24	72 - 76 St Stephen's Gre	62	AT49	75	75	Not Significant	Not Significant	
	25	77 St Stephen's Green	60	AT49	75	75	Not Significant	Not Significant	
	26	Department of Foreign	58	AT49	75	75	Not Significant	Not Significant	
	27	82 - 84 St Stephen's Gre	55	AT49	75	75	Not Significant	Not Significant	
	28	Newman House and Ha	55	AT49	75	75	Not Significant	Not Significant	
	29	Newman University Chu	53	AT49	75	75	Not Significant	Not Significant	
	30	88 - 90 St Stephen's Gre	53	AT47	75	75	Not Significant	Not Significant	
	31	92 - 94 St Stephen's Gre	52	AT47	75	75	Not Significant	Not Significant	
	32	95 - 100 St Stephen's G	50	AT47	75	75	Not Significant	Not Significant	
	33	2 Harcourt Place	49	AT47	75	75	Not Significant	Not Significant	
	34	1 Harcourt Street	48	AT47	75	75	Not Significant	Not Significant	
	35	111 St Stephen's Green	49	AT47	75	75	Not Significant	Not Significant	
	36	Dublin Unitarian Church	47	AT47	75	75	Not Significant	Not Significant	
	37	114 - 120 St Stephen's C	49	AT47	75	75	Not Significant	Not Significant	
	38	Royal College of Surgeo	50	AT47	75	75	Not Significant	Not Significant	
	39	The Fitzgerald Hotel	49	AT47	75	75	Not Significant	Not Significant	
	40	St Stephen's Green	49	AT47	75	75	Not Significant	Not Significant	
	41	51 - 56 King St South	48	AT47	75	75	Not Significant	Not Significant	
	42	1 - 5 St Stephen's Greer	49	AT47	75	75	Not Significant	Not Significant	
	43	6 - 8 St Stephen's Greer	50	AT47	75	75	Not Significant	Not Significant	
	44	9 - 12 St Stephen's Gree	52	AT47	75	75	Not Significant	Not Significant	
	45	14 - 17 St Stephen's Gre	56	AT47	75	75	Not Significant	Not Significant	
	46	Stephen Court	58	AT47	75	75	Not Significant	Not Significant	
	47	16 - 17 Kildare St	64	AT47	75	75	Not Significant	Not Significant	
	48	18 - 19 Kildare St	48	AT47	75	75	Not Significant	Not Significant	
	49	20 - 22 Kildare St	36	AT47	75	75	Not Significant	Not Significant	
	50	Shelbourne Hotel	68	AT47	75	75	Not Significant	Not Significant	
	51	35 - 38 St	67	AT47	75	75	Not Significant	Not Significant	
	52	9 Merrion Row	54	AT47	75	75	Not Significant	Not Significant	
	53	Department of the Taoi	58	AT47	75	75	Not Significant	Not Significant	
	54	Lacy's Lane	56	AT47	75	75	Not Significant	Not Significant	
	55	1 - 6 Merrion's Row	47	AT47	75	75	Not Significant	Not Significant	
	56	Department of Agricult	53	AT47	75	75	Not Significant	Not Significant	
	57	12 - 18 Merrion Row (F	39	AT47	75	75	Not Significant	Not Significant	
	58	12 - 18 Merrion Row (re	40	AT47	75	75	Not Significant	Not Significant	
		1	Bank of Ireland	67	AT47	75	75	Not Significant	Not Significant
		2	41 - 43 SSG	69	AT47	75	75	Not Significant	Not Significant
		3	44 - 45 SSG	70	AT47	75	75	Not Significant	Not Significant
		4	15 - 17 Hume St	60	AT47	75	75	Not Significant	Not Significant
		5	13 - 14 Hume St	56	AT47	75	75	Not Significant	Not Significant
		6	9 - 12 Hume St	54	AT47	75	75	Not Significant	Not Significant
		7	4 - 8 Ely Place	46	AT47	75	75	Not Significant	Not Significant
		8	1 - 2 Hume Street	65	AT47	75	75	Not Significant	Not Significant
		9	3 - 8 Ely Place	57	AT47	75	75	Not Significant	Not Significant
10		46 St Stephens Green	71	AT47	75	75	Not Significant	Not Significant	
11		47 - 49 St Stephens Gre	71	AT47	75	75	Not Significant	Not Significant	
12		Royal Hibernian Acader	71	AT47	75	75	Not Significant	Not Significant	
13		Royal Hibernian Acader	70	AT47	75	75	Not Significant	Not Significant	
14		Loreto College	69	AT47	75	75	Not Significant	Not Significant	
15		TSB Bank	65	AT47	75	75	Not Significant	Not Significant	
16		58 - 60 St Stephen's Gre	63	AT49	75	75	Not Significant	Not Significant	
17		100 - 104 Leeson Street	37	AT49	75	75	Not Significant	Not Significant	
18		1 - 7 Leeson Street Low	58	AT49	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Excavation - Gound Level	19	Lavery House	57	AT49	75	75	Not Significant	Not Significant
	20	Saint Stephen's Green H	58	AT49	75	75	Not Significant	Not Significant
	21	Conrad Hotel	55	AT49	75	75	Not Significant	Not Significant
	22	61 - 68 St Stephen's Gre	62	AT49	75	75	Not Significant	Not Significant
	23	Hainault House	62	AT49	75	75	Not Significant	Not Significant
	24	72 - 76 St Stephen's Gre	59	AT49	75	75	Not Significant	Not Significant
	25	77 St Stephen's Green	57	AT49	75	75	Not Significant	Not Significant
	26	Department of Foreign	55	AT49	75	75	Not Significant	Not Significant
	27	82 - 84 St Stephen's Gre	52	AT49	75	75	Not Significant	Not Significant
	28	Newman House and Ha	52	AT49	75	75	Not Significant	Not Significant
	29	Newman University Chu	50	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Gre	50	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Gre	49	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's G	47	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	46	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	45	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	46	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	44	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's c	46	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	46	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	46	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	46	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	45	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Greer	46	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Greer	47	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Greer	49	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	53	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	55	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	61	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	47	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	35	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	66	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	65	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	53	AT47	75	75	Not Significant	Not Significant
	53	Department of the Taoi	56	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	53	AT47	75	75	Not Significant	Not Significant
	55	1 - 6 Merrion's Row	46	AT47	75	75	Not Significant	Not Significant
	56	Department of Agricult	51	AT47	75	75	Not Significant	Not Significant
	57	12 - 18 Merrion Row (F	37	AT47	75	75	Not Significant	Not Significant
	58	12 - 18 Merrion Row (re	39	AT47	75	75	Not Significant	Not Significant
	1	Bank of Ireland	65	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	68	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	69	AT47	75	75	Not Significant	Not Significant
	4	15 - 17 Hume St	59	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	55	AT47	75	75	Not Significant	Not Significant
	6	9 - 12 Hume St	52	AT47	75	75	Not Significant	Not Significant
	7	4 - 8 Ely Place	46	AT47	75	75	Not Significant	Not Significant
	8	1 - 2 Hume Street	64	AT47	75	75	Not Significant	Not Significant
	9	3 - 8 Ely Place	56	AT47	75	75	Not Significant	Not Significant
	10	46 St Stephens Green	70	AT47	75	75	Not Significant	Not Significant
	11	47 - 49 St Stephens Gre	70	AT47	75	75	Not Significant	Not Significant
	12	Royal Hibernian Acader	69	AT47	75	75	Not Significant	Not Significant
	13	Royal Hibernian Acader	69	AT47	75	75	Not Significant	Not Significant
	14	Loreto College	68	AT47	75	75	Not Significant	Not Significant
	15	TSB Bank	64	AT47	75	75	Not Significant	Not Significant
	16	58 - 60 St Stephen's Gre	61	AT49	75	75	Not Significant	Not Significant
	17	100 - 104 Leeson Street	37	AT49	75	75	Not Significant	Not Significant
	18	1 - 7 Leeson Street Low	56	AT49	75	75	Not Significant	Not Significant
19	Lavery House	55	AT49	75	75	Not Significant	Not Significant	
20	Saint Stephen's Green H	56	AT49	75	75	Not Significant	Not Significant	
21	Conrad Hotel	53	AT49	75	75	Not Significant	Not Significant	
22	61 - 68 St Stephen's Gre	60	AT49	75	75	Not Significant	Not Significant	
23	Hainault House	59	AT49	75	75	Not Significant	Not Significant	
24	72 - 76 St Stephen's Gre	56	AT49	75	75	Not Significant	Not Significant	
25	77 St Stephen's Green	54	AT49	75	75	Not Significant	Not Significant	
26	Department of Foreign	53	AT49	75	75	Not Significant	Not Significant	
27	82 - 84 St Stephen's Gre	49	AT49	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Excavation - Underground	28	Newman House and Ha	49	AT49	75	75	Not Significant	Not Significant
	29	Newman University Chu	47	AT49	75	75	Not Significant	Not Significant
	30	88 - 90 St Stephen's Gre	47	AT47	75	75	Not Significant	Not Significant
	31	92 - 94 St Stephen's Gre	46	AT47	75	75	Not Significant	Not Significant
	32	95 - 100 St Stephen's G	44	AT47	75	75	Not Significant	Not Significant
	33	2 Harcourt Place	43	AT47	75	75	Not Significant	Not Significant
	34	1 Harcourt Street	42	AT47	75	75	Not Significant	Not Significant
	35	111 St Stephen's Green	43	AT47	75	75	Not Significant	Not Significant
	36	Dublin Unitarian Church	42	AT47	75	75	Not Significant	Not Significant
	37	114 - 120 St Stephen's C	43	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	44	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	43	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	43	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	42	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Greer	43	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Greer	44	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Greer	46	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	50	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	52	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	58	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	46	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	35	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	65	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	64	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	52	AT47	75	75	Not Significant	Not Significant
	53	Department of the Taoi	55	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	51	AT47	75	75	Not Significant	Not Significant
	55	1 - 6 Merrion's Row	45	AT47	75	75	Not Significant	Not Significant
	56	Department of Agricult	49	AT47	75	75	Not Significant	Not Significant
	57	12 - 18 Merrion Row (F	38	AT47	75	75	Not Significant	Not Significant
	58	12 - 18 Merrion Row (re	40	AT47	75	75	Not Significant	Not Significant
	1	Bank of Ireland	62	AT47	75	75	Not Significant	Not Significant
	2	41 - 43 SSG	66	AT47	75	75	Not Significant	Not Significant
	3	44 - 45 SSG	67	AT47	75	75	Not Significant	Not Significant
	4	15 - 17 Hume St	58	AT47	75	75	Not Significant	Not Significant
	5	13 - 14 Hume St	45	AT47	75	75	Not Significant	Not Significant
6	9 - 12 Hume St	42	AT47	75	75	Not Significant	Not Significant	
7	4 - 8 Ely Place	37	AT47	75	75	Not Significant	Not Significant	
8	1 - 2 Hume Street	61	AT47	75	75	Not Significant	Not Significant	
9	3 - 8 Ely Place	55	AT47	75	75	Not Significant	Not Significant	
10	46 St Stephens Green	67	AT47	75	75	Not Significant	Not Significant	
11	47 - 49 St Stephens Gre	68	AT47	75	75	Not Significant	Not Significant	
12	Royal Hibernian Acader	68	AT47	75	75	Not Significant	Not Significant	
13	Royal Hibernian Acader	69	AT47	75	75	Not Significant	Not Significant	
14	Loreto College	69	AT47	75	75	Not Significant	Not Significant	
15	TSB Bank	61	AT47	75	75	Not Significant	Not Significant	
16	58 - 60 St Stephen's Gre	59	AT49	75	75	Not Significant	Not Significant	
17	100 - 104 Leeson Street	35	AT49	75	75	Not Significant	Not Significant	
18	1 - 7 Leeson Street Low	54	AT49	75	75	Not Significant	Not Significant	
19	Lavery House	53	AT49	75	75	Not Significant	Not Significant	
20	Saint Stephen's Green H	54	AT49	75	75	Not Significant	Not Significant	
21	Conrad Hotel	51	AT49	75	75	Not Significant	Not Significant	
22	61 - 68 St Stephen's Gre	58	AT49	75	75	Not Significant	Not Significant	
23	Hainault House	58	AT49	75	75	Not Significant	Not Significant	
24	72 - 76 St Stephen's Gre	55	AT49	75	75	Not Significant	Not Significant	
25	77 St Stephen's Green	53	AT49	75	75	Not Significant	Not Significant	
26	Department of Foreign	51	AT49	75	75	Not Significant	Not Significant	
27	82 - 84 St Stephen's Gre	49	AT49	75	75	Not Significant	Not Significant	
28	Newman House and Ha	48	AT49	75	75	Not Significant	Not Significant	
29	Newman University Chu	46	AT49	75	75	Not Significant	Not Significant	
30	88 - 90 St Stephen's Gre	46	AT47	75	75	Not Significant	Not Significant	
31	92 - 94 St Stephen's Gre	45	AT47	75	75	Not Significant	Not Significant	
32	95 - 100 St Stephen's G	44	AT47	75	75	Not Significant	Not Significant	
33	2 Harcourt Place	43	AT47	75	75	Not Significant	Not Significant	
34	1 Harcourt Street	41	AT47	75	75	Not Significant	Not Significant	
35	111 St Stephen's Green	42	AT47	75	75	Not Significant	Not Significant	
36	Dublin Unitarian Church	41	AT47	75	75	Not Significant	Not Significant	

Stephens Green Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T} Daytime	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	37	114 - 120 St Stephen's	42	AT47	75	75	Not Significant	Not Significant
	38	Royal College of Surgeo	43	AT47	75	75	Not Significant	Not Significant
	39	The Fitzgerald Hotel	42	AT47	75	75	Not Significant	Not Significant
	40	St Stephen's Green	42	AT47	75	75	Not Significant	Not Significant
	41	51 - 56 King St South	41	AT47	75	75	Not Significant	Not Significant
	42	1 - 5 St Stephen's Greer	42	AT47	75	75	Not Significant	Not Significant
	43	6 - 8 St Stephen's Greer	43	AT47	75	75	Not Significant	Not Significant
	44	9 - 12 St Stephen's Gree	45	AT47	75	75	Not Significant	Not Significant
	45	14 - 17 St Stephen's Gre	50	AT47	75	75	Not Significant	Not Significant
	46	Stephen Court	52	AT47	75	75	Not Significant	Not Significant
	47	16 - 17 Kildare St	57	AT47	75	75	Not Significant	Not Significant
	48	18 - 19 Kildare St	45	AT47	75	75	Not Significant	Not Significant
	49	20 - 22 Kildare St	32	AT47	75	75	Not Significant	Not Significant
	50	Shelbourne Hotel	62	AT47	75	75	Not Significant	Not Significant
	51	35 - 38 St	62	AT47	75	75	Not Significant	Not Significant
	52	9 Merrion Row	49	AT47	75	75	Not Significant	Not Significant
	53	Department of the Taoi	52	AT47	75	75	Not Significant	Not Significant
	54	Lacy's Lane	50	AT47	75	75	Not Significant	Not Significant
55	1 - 6 Merrion's Row	43	AT47	75	75	Not Significant	Not Significant	
56	Department of Agricult	48	AT47	75	75	Not Significant	Not Significant	
57	12 - 18 Merrion Row (F	35	AT47	75	75	Not Significant	Not Significant	
58	12 - 18 Merrion Row (re	37	AT47	75	75	Not Significant	Not Significant	

Swords Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Remove and store topsoil	Chain Saw	BS 5228-1:2009 Table C.4:72	79	2	0	0	25	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	2	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	90	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	2	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Install guide walls & piling mat	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	3	0	0	90	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	90	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	90	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	1	0	0	50	0	0
	Telehandler	BS 5228-1:2009 Table C.4:54	79	1	0	0	25	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	25	0	0
	Hydrogen Fuelled Generator	BS 5228-1:2009 Table C.6:39	65	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	2	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	2	0	0	25	0	0
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	4	0	0	1	0	0	
Secant Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	30	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	90	90
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	90	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	90	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	90	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	75	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	50	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	2	0	0	75	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	6	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	6	0	0	25	0	0
Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Excavation/Capping beams & propping	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	50	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	90	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	90	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	75	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	2	0	0	50	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Concrete works	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	50	0	0
	Circular Saw	BS 5228-1:2009 Table C.4:73	84	2	0	0	25	0	0
	Scabbling Concrete	BS 5228-1:2009 Table C.1:6	83	2	0	0	25	0	0
	Compaction of concrete	BS 5228-1:2009 Table C.4:33	78	4	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	5	0	0	50	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	5	0	0	50	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	2	0	0	50	0	0
	Hiab Delivery	BS 5228-1:2009 Table C.4:53	77	1	0	0	10	0	0
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	25	0	0	
Compressor	BS 5228-1:2009 Table C.3:19	75	2	0	0	50	0	0	
Site reinstatement & landscaping works	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	40	0	0
	Mobile 80T	BS 5228-1:2009 Table C.4:39	77	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Small Roller	BS 5228-1:2009 Table C.5:26	77	1	0	0	10	0	0
	360 Excavator with Movax (29t)	BS 5228-1:2009 Table C.3:8	88	1	0	0	20	0	0

Swords Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Back-hoe Excavator	BS 5228-1:2009 Table C.2:8	68	1	0	0	75	0	0

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Remove and store topsoil	76	21-24 Castle Grove	51	UT11	70	70	Not Significant	Not Significant
	77	16-20 Castle Grove	54	UT11	70	70	Not Significant	Not Significant
	78	10-15 Castle Grove	44	UT11	70	70	Not Significant	Not Significant
	79	40 Longlands	55	UT11	70	70	Not Significant	Not Significant
	80	39 Longlands	55	UT11	70	70	Not Significant	Not Significant
	81	38 Longlands	55	UT11	70	70	Not Significant	Not Significant
	82	35-37 Longlands	55	UT11	70	70	Not Significant	Not Significant
	83	32-34 Longlands	55	UT11	70	70	Not Significant	Not Significant
	84	21-25 Chapel Lane	51	UT11	70	70	Not Significant	Not Significant
	85	27-31 Chapel Lane	40	UT11	70	70	Not Significant	Not Significant
	86	2-8 Ashley Grove	39	UT11	70	70	Not Significant	Not Significant
	87	47-51 Ashley Avenue	52	UT11	70	70	Not Significant	Not Significant
	88	41-45 Ashley Avenue	41	UT11	70	70	Not Significant	Not Significant
	89	1-7 Ashley Grove	41	UT11	70	70	Not Significant	Not Significant
	90	31 - 37 Ashley Grove	42	UT11	70	70	Not Significant	Not Significant
	91	28-38 Ashley Avenue	53	UT11	70	70	Not Significant	Not Significant
	92	40-50 Ashley Avenue	55	UT11	70	70	Not Significant	Not Significant
	93	52-58 Ashley Avenue	55	UT11	70	70	Not Significant	Not Significant
	94	18-26 Ashley Avenue	45	UT11	70	70	Not Significant	Not Significant
	95	12-18 Ashley Drive	44	UT11	70	70	Not Significant	Not Significant
	96	2-10 Ashley Drive	54	UT11	70	70	Not Significant	Not Significant
	97	10-16 Ashley Avenue	44	UT11	70	70	Not Significant	Not Significant
	98	1-7 Ashley Drive	50	UT11	70	70	Not Significant	Not Significant
	99	1-2 Foxwood	56	UT11	70	70	Not Significant	Not Significant
	100	3-4 Foxwood	56	UT11	70	70	Not Significant	Not Significant
	101	5-6 Foxwood	57	UT11	70	70	Not Significant	Not Significant
	102	7-8 Foxwood	58	UT11	70	70	Not Significant	Not Significant
	103	9-10 Foxwood	58	UT11	70	70	Not Significant	Not Significant
	104	11-12 Foxwood	45	UT11	70	70	Not Significant	Not Significant
	105	13 Foxwood	61	UT11	70	70	Not Significant	Not Significant
	106	15-16 Foxwood	51	UT11	70	70	Not Significant	Not Significant
	107	17-18 Foxwood	53	UT11	70	70	Not Significant	Not Significant
	108	19-20 Foxwood	55	UT11	70	70	Not Significant	Not Significant
	109	14 Foxwood	59	UT11	70	70	Not Significant	Not Significant
	110	1 Drynam Road	54	UT11	70	70	Not Significant	Not Significant
	111	11 Drynam Road	64	UT11	70	70	Not Significant	Not Significant
	112	9-10 Drynam Road	57	UT11	70	70	Not Significant	Not Significant
	113	7-8 Drynam Road	56	UT11	70	70	Not Significant	Not Significant
	114	17 Drynam Road	58	UT11	70	70	Not Significant	Not Significant
	115	5A Commons E	54	UT11	70	70	Not Significant	Not Significant
	116	3 Commons E	46	UT11	70	70	Not Significant	Not Significant
	117	3 The Old Stables, Comm	58	UT11	70	70	Not Significant	Not Significant
	118	St Jude, The Old Stables	63	UT11	70	70	Not Significant	Not Significant
	119	Anberly Swords Rd	44	UT11	70	70	Not Significant	Not Significant
	120	St Jude's Swords Rd	34	UT11	70	70	Not Significant	Not Significant
	121	2 Drynam Road	54	UT11	70	70	Not Significant	Not Significant
	122	3 Drynam Road	51	UT11	70	70	Not Significant	Not Significant
	123	4 Drynam Road	47	UT11	70	70	Not Significant	Not Significant
	124	5 Drynam Road	46	UT11	70	70	Not Significant	Not Significant
	125	21 Longlands	55	UT11	70	70	Not Significant	Not Significant
	126	20 Longlands	55	UT11	70	70	Not Significant	Not Significant
	127	19 Longlands	55	UT11	70	70	Not Significant	Not Significant
	128	18 Longlands	55	UT11	70	70	Not Significant	Not Significant
129	17 Longlands	54	UT11	70	70	Not Significant	Not Significant	
130	16 Longlands	54	UT11	70	70	Not Significant	Not Significant	
131	Pavillions	57	AT9	75	75	Not Significant	Not Significant	
132	45 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant	
133	39-41 Carlton Ct	60	UT13	75	75	Not Significant	Not Significant	
134	35-37 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant	
135	31-33 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant	
136	86-88 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant	
137	90-92 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant	
138	94-96 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant	
139	98-100 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant	
140	102-104 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant	
141	106-108 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant	
142	110-112 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant	
143	114-116 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant	
144	118-120 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant	
145	122-124 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant	
146	82-84 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant	
147	78-80 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant	
148	74-76 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant	
149	70-72 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant	
150	66-68 Carlton Ct	45	UT13	75	75	Not Significant	Not Significant	
151	62-64 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant	
152	58-60 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant	
153	54-56 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant	

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	154	122 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant
	155	124-126 Carlton Ct	35	UT13	75	75	Not Significant	Not Significant
	156	128-130 Carlton Ct	34	UT13	75	75	Not Significant	Not Significant
	157	142 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	158	136 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
	159	144-146 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	160	148-150 Carlton Ct	52	UT13	75	75	Not Significant	Not Significant
	161	152 Carlton Ct	52	UT13	75	75	Not Significant	Not Significant
	162	176-178 Carlton Ct	51	UT13	75	75	Not Significant	Not Significant
	163	172-174 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
	164	168-170 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	165	164-166 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
	166	180-182 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	167	184-186 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	168	188-190 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	169	192 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	170	193 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	171	194 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	172	61 Dublin Rd	29	UT13	75	75	Not Significant	Not Significant
	173	59 Dublin Rd	31	UT13	75	75	Not Significant	Not Significant
	174	57 Dublin Rd	34	UT13	75	75	Not Significant	Not Significant
	175	55 Dublin Rd	36	UT13	75	75	Not Significant	Not Significant
	176	53 Dublin Rd	38	UT13	75	75	Not Significant	Not Significant
	177	156-158 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
	178	Milton Hall, Dublin Rd	46	UT13	75	75	Not Significant	Not Significant
	179	44 Dublin Rd	37	UT13	75	75	Not Significant	Not Significant
	180	Kylemore House	41	UT13	75	75	Not Significant	Not Significant
	181	Airside Business Park	66	UT12	80	75	Not Significant	Not Significant
	182	Travelodge	50	UT13	75	75	Not Significant	Not Significant
	76	21-24 Castle Grove	49	UT11	70	70	Not Significant	Not Significant
	77	16-20 Castle Grove	57	UT11	70	70	Not Significant	Not Significant
	78	10-15 Castle Grove	46	UT11	70	70	Not Significant	Not Significant
	79	40 Longlands	58	UT11	70	70	Not Significant	Not Significant
	80	39 Longlands	58	UT11	70	70	Not Significant	Not Significant
	81	38 Longlands	58	UT11	70	70	Not Significant	Not Significant
	82	35-37 Longlands	58	UT11	70	70	Not Significant	Not Significant
	83	32-34 Longlands	57	UT11	70	70	Not Significant	Not Significant
	84	21-25 Chapel Lane	53	UT11	70	70	Not Significant	Not Significant
	85	27-31 Chapel Lane	42	UT11	70	70	Not Significant	Not Significant
	86	2-8 Ashley Grove	42	UT11	70	70	Not Significant	Not Significant
	87	47-51 Ashley Avenue	54	UT11	70	70	Not Significant	Not Significant
	88	41-45 Ashley Avenue	44	UT11	70	70	Not Significant	Not Significant
	89	1-7 Ashley Grove	45	UT11	70	70	Not Significant	Not Significant
	90	31 - 37 Ashley Grove	44	UT11	70	70	Not Significant	Not Significant
	91	28-38 Ashley Avenue	56	UT11	70	70	Not Significant	Not Significant
	92	40-50 Ashley Avenue	57	UT11	70	70	Not Significant	Not Significant
	93	52-58 Ashley Avenue	57	UT11	70	70	Not Significant	Not Significant
	94	18-26 Ashley Avenue	46	UT11	70	70	Not Significant	Not Significant
	95	12-18 Ashley Drive	46	UT11	70	70	Not Significant	Not Significant
	96	2-10 Ashley Drive	57	UT11	70	70	Not Significant	Not Significant
	97	10-16 Ashley Avenue	46	UT11	70	70	Not Significant	Not Significant
	98	1-7 Ashley Drive	56	UT11	70	70	Not Significant	Not Significant
	99	1-2 Foxwood	59	UT11	70	70	Not Significant	Not Significant
	100	3-4 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	101	5-6 Foxwood	61	UT11	70	70	Not Significant	Not Significant
	102	7-8 Foxwood	62	UT11	70	70	Not Significant	Not Significant
	103	9-10 Foxwood	62	UT11	70	70	Not Significant	Not Significant
	104	11-12 Foxwood	49	UT11	70	70	Not Significant	Not Significant
	105	13 Foxwood	64	UT11	70	70	Not Significant	Not Significant
	106	15-16 Foxwood	49	UT11	70	70	Not Significant	Not Significant
	107	17-18 Foxwood	49	UT11	70	70	Not Significant	Not Significant
	108	19-20 Foxwood	50	UT11	70	70	Not Significant	Not Significant
	109	14 Foxwood	63	UT11	70	70	Not Significant	Not Significant
	110	1 Drynam Road	59	UT11	70	70	Not Significant	Not Significant
	111	11 Drynam Road	66	UT11	70	70	Slight to Moderate	Not Significant
	112	9-10 Drynam Road	59	UT11	70	70	Not Significant	Not Significant
	113	7-8 Drynam Road	59	UT11	70	70	Not Significant	Not Significant
	114	17 Drynam Road	62	UT11	70	70	Not Significant	Not Significant
	115	5A Commons E	59	UT11	70	70	Not Significant	Not Significant
	116	3 Commons E	49	UT11	70	70	Not Significant	Not Significant
	117	3 The Old Stables, Comm	62	UT11	70	70	Not Significant	Not Significant
	118	St Jude, The Old Stables	66	UT11	70	70	Slight to Moderate	Not Significant
	119	Anberly Swords Rd	45	UT11	70	70	Not Significant	Not Significant
	120	St Jude's Swords Rd	37	UT11	70	70	Not Significant	Not Significant
	121	2 Drynam Road	51	UT11	70	70	Not Significant	Not Significant
	122	3 Drynam Road	57	UT11	70	70	Not Significant	Not Significant
	123	4 Drynam Road	49	UT11	70	70	Not Significant	Not Significant
	124	5 Drynam Road	49	UT11	70	70	Not Significant	Not Significant

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Install guide walls & piling mat	125	21 Longlands	58	UT11	70	70	Not Significant	Not Significant
	126	20 Longlands	58	UT11	70	70	Not Significant	Not Significant
	127	19 Longlands	57	UT11	70	70	Not Significant	Not Significant
	128	18 Longlands	57	UT11	70	70	Not Significant	Not Significant
	129	17 Longlands	57	UT11	70	70	Not Significant	Not Significant
	130	16 Longlands	57	UT11	70	70	Not Significant	Not Significant
	131	Pavillions	61	AT9	75	75	Not Significant	Not Significant
	132	45 Carlton Ct	64	UT13	75	75	Not Significant	Not Significant
	133	39-41 Carlton Ct	63	UT13	75	75	Not Significant	Not Significant
	134	35-37 Carlton Ct	63	UT13	75	75	Not Significant	Not Significant
	135	31-33 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	136	86-88 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant
	137	90-92 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant
	138	94-96 Carlton Ct	60	UT13	75	75	Not Significant	Not Significant
	139	98-100 Carlton Ct	60	UT13	75	75	Not Significant	Not Significant
	140	102-104 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant
	141	106-108 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant
	142	110-112 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant
	143	114-116 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
	144	118-120 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
	145	122-124 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
	146	82-84 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	147	78-80 Carlton Ct	51	UT13	75	75	Not Significant	Not Significant
	148	74-76 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant
	149	70-72 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant
	150	66-68 Carlton Ct	48	UT13	75	75	Not Significant	Not Significant
	151	62-64 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	152	58-60 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	153	54-56 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	154	122 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
	155	124-126 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant
	156	128-130 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant
	157	142 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant
	158	136 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
	159	144-146 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
	160	148-150 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	161	152 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	162	176-178 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
	163	172-174 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
	164	168-170 Carlton Ct	45	UT13	75	75	Not Significant	Not Significant
	165	164-166 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant
	166	180-182 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
167	184-186 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant	
168	188-190 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant	
169	192 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant	
170	193 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant	
171	194 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant	
172	61 Dublin Rd	31	UT13	75	75	Not Significant	Not Significant	
173	59 Dublin Rd	34	UT13	75	75	Not Significant	Not Significant	
174	57 Dublin Rd	38	UT13	75	75	Not Significant	Not Significant	
175	55 Dublin Rd	39	UT13	75	75	Not Significant	Not Significant	
176	53 Dublin Rd	42	UT13	75	75	Not Significant	Not Significant	
177	156-158 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant	
178	Milton Hall, Dublin Rd	48	UT13	75	75	Not Significant	Not Significant	
179	44 Dublin Rd	40	UT13	75	75	Not Significant	Not Significant	
180	Kylemore House	45	UT13	75	75	Not Significant	Not Significant	
181	Airside Business Park	69	UT12	80	75	Not Significant	Not Significant	
182	Travelodge	55	UT13	75	75	Not Significant	Not Significant	
	76	21-24 Castle Grove	48	UT11	70	70	Not Significant	Not Significant
	77	16-20 Castle Grove	55	UT11	70	70	Not Significant	Not Significant
	78	10-15 Castle Grove	45	UT11	70	70	Not Significant	Not Significant
	79	40 Longlands	56	UT11	70	70	Not Significant	Not Significant
	80	39 Longlands	56	UT11	70	70	Not Significant	Not Significant
	81	38 Longlands	56	UT11	70	70	Not Significant	Not Significant
	82	35-37 Longlands	56	UT11	70	70	Not Significant	Not Significant
	83	32-34 Longlands	55	UT11	70	70	Not Significant	Not Significant
	84	21-25 Chapel Lane	51	UT11	70	70	Not Significant	Not Significant
	85	27-31 Chapel Lane	41	UT11	70	70	Not Significant	Not Significant
	86	2-8 Ashley Grove	41	UT11	70	70	Not Significant	Not Significant
	87	47-51 Ashley Avenue	52	UT11	70	70	Not Significant	Not Significant
	88	41-45 Ashley Avenue	43	UT11	70	70	Not Significant	Not Significant
89	1-7 Ashley Grove	44	UT11	70	70	Not Significant	Not Significant	
90	31 - 37 Ashley Grove	43	UT11	70	70	Not Significant	Not Significant	
91	28-38 Ashley Avenue	53	UT11	70	70	Not Significant	Not Significant	
92	40-50 Ashley Avenue	54	UT11	70	70	Not Significant	Not Significant	
93	52-58 Ashley Avenue	55	UT11	70	70	Not Significant	Not Significant	
94	18-26 Ashley Avenue	46	UT11	70	70	Not Significant	Not Significant	
95	12-18 Ashley Drive	45	UT11	70	70	Not Significant	Not Significant	

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Secant Piling Works	96	2-10 Ashley Drive	54	UT11	70	70	Not Significant	Not Significant
	97	10-16 Ashley Avenue	45	UT11	70	70	Not Significant	Not Significant
	98	1-7 Ashley Drive	53	UT11	70	70	Not Significant	Not Significant
	99	1-2 Foxwood	56	UT11	70	70	Not Significant	Not Significant
	100	3-4 Foxwood	57	UT11	70	70	Not Significant	Not Significant
	101	5-6 Foxwood	58	UT11	70	70	Not Significant	Not Significant
	102	7-8 Foxwood	58	UT11	70	70	Not Significant	Not Significant
	103	9-10 Foxwood	59	UT11	70	70	Not Significant	Not Significant
	104	11-12 Foxwood	48	UT11	70	70	Not Significant	Not Significant
	105	13 Foxwood	61	UT11	70	70	Not Significant	Not Significant
	106	15-16 Foxwood	48	UT11	70	70	Not Significant	Not Significant
	107	17-18 Foxwood	49	UT11	70	70	Not Significant	Not Significant
	108	19-20 Foxwood	51	UT11	70	70	Not Significant	Not Significant
	109	14 Foxwood	59	UT11	70	70	Not Significant	Not Significant
	110	1 Drynam Road	56	UT11	70	70	Not Significant	Not Significant
	111	11 Drynam Road	63	UT11	70	70	Not Significant	Not Significant
	112	9-10 Drynam Road	57	UT11	70	70	Not Significant	Not Significant
	113	7-8 Drynam Road	57	UT11	70	70	Not Significant	Not Significant
	114	17 Drynam Road	59	UT11	70	70	Not Significant	Not Significant
	115	5A Commons E	56	UT11	70	70	Not Significant	Not Significant
	116	3 Commons E	49	UT11	70	70	Not Significant	Not Significant
	117	3 The Old Stables, Comm	59	UT11	70	70	Not Significant	Not Significant
	118	St Jude, The Old Stables	64	UT11	70	70	Not Significant	Not Significant
	119	Annerly Swords Rd	44	UT11	70	70	Not Significant	Not Significant
	120	St Jude's Swords Rd	36	UT11	70	70	Not Significant	Not Significant
	121	2 Drynam Road	51	UT11	70	70	Not Significant	Not Significant
	122	3 Drynam Road	54	UT11	70	70	Not Significant	Not Significant
	123	4 Drynam Road	49	UT11	70	70	Not Significant	Not Significant
	124	5 Drynam Road	48	UT11	70	70	Not Significant	Not Significant
	125	21 Longlands	56	UT11	70	70	Not Significant	Not Significant
	126	20 Longlands	56	UT11	70	70	Not Significant	Not Significant
	127	19 Longlands	55	UT11	70	70	Not Significant	Not Significant
	128	18 Longlands	55	UT11	70	70	Not Significant	Not Significant
	129	17 Longlands	55	UT11	70	70	Not Significant	Not Significant
	130	16 Longlands	55	UT11	70	70	Not Significant	Not Significant
	131	Pavillions	59	AT9	75	75	Not Significant	Not Significant
	132	45 Carlton Ct	62	UT13	75	75	Not Significant	Not Significant
	133	39-41 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant
	134	35-37 Carlton Ct	60	UT13	75	75	Not Significant	Not Significant
	135	31-33 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	136	86-88 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant
	137	90-92 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant
	138	94-96 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
	139	98-100 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
	140	102-104 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant
	141	106-108 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant
	142	110-112 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	143	114-116 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	144	118-120 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	145	122-124 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
	146	82-84 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	147	78-80 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	148	74-76 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant
	149	70-72 Carlton Ct	48	UT13	75	75	Not Significant	Not Significant
	150	66-68 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
	151	62-64 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	152	58-60 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	153	54-56 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	154	122 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant
	155	124-126 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant
	156	128-130 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
	157	142 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
	158	136 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant
	159	144-146 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant
	160	148-150 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant
	161	152 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	162	176-178 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	163	172-174 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	164	168-170 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant
	165	164-166 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
	166	180-182 Carlton Ct	52	UT13	75	75	Not Significant	Not Significant
	167	184-186 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	168	188-190 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
169	192 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant	
170	193 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant	
171	194 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant	
172	61 Dublin Rd	30	UT13	75	75	Not Significant	Not Significant	
173	59 Dublin Rd	33	UT13	75	75	Not Significant	Not Significant	

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	174	57 Dublin Rd	37	UT13	75	75	Not Significant	Not Significant
	175	55 Dublin Rd	38	UT13	75	75	Not Significant	Not Significant
	176	53 Dublin Rd	41	UT13	75	75	Not Significant	Not Significant
	177	156-158 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
	178	Milton Hall, Dublin Rd	47	UT13	75	75	Not Significant	Not Significant
	179	44 Dublin Rd	39	UT13	75	75	Not Significant	Not Significant
	180	Kylemore House	43	UT13	75	75	Not Significant	Not Significant
	181	Airside Business Park	66	UT12	80	75	Not Significant	Not Significant
182	Travelodge	52	UT13	75	75	Not Significant	Not Significant	
Excavation/Capping beams & propping	76	21-24 Castle Grove	49	UT11	70	70	Not Significant	Not Significant
	77	16-20 Castle Grove	55	UT11	70	70	Not Significant	Not Significant
	78	10-15 Castle Grove	45	UT11	70	70	Not Significant	Not Significant
	79	40 Longlands	57	UT11	70	70	Not Significant	Not Significant
	80	39 Longlands	56	UT11	70	70	Not Significant	Not Significant
	81	38 Longlands	56	UT11	70	70	Not Significant	Not Significant
	82	35-37 Longlands	56	UT11	70	70	Not Significant	Not Significant
	83	32-34 Longlands	56	UT11	70	70	Not Significant	Not Significant
	84	21-25 Chapel Lane	52	UT11	70	70	Not Significant	Not Significant
	85	27-31 Chapel Lane	41	UT11	70	70	Not Significant	Not Significant
	86	2-8 Ashley Grove	41	UT11	70	70	Not Significant	Not Significant
	87	47-51 Ashley Avenue	53	UT11	70	70	Not Significant	Not Significant
	88	41-45 Ashley Avenue	42	UT11	70	70	Not Significant	Not Significant
	89	1-7 Ashley Grove	43	UT11	70	70	Not Significant	Not Significant
	90	31 - 37 Ashley Grove	42	UT11	70	70	Not Significant	Not Significant
	91	28-38 Ashley Avenue	54	UT11	70	70	Not Significant	Not Significant
	92	40-50 Ashley Avenue	55	UT11	70	70	Not Significant	Not Significant
	93	52-58 Ashley Avenue	56	UT11	70	70	Not Significant	Not Significant
	94	18-26 Ashley Avenue	45	UT11	70	70	Not Significant	Not Significant
	95	12-18 Ashley Drive	45	UT11	70	70	Not Significant	Not Significant
	96	2-10 Ashley Drive	55	UT11	70	70	Not Significant	Not Significant
	97	10-16 Ashley Avenue	45	UT11	70	70	Not Significant	Not Significant
	98	1-7 Ashley Drive	54	UT11	70	70	Not Significant	Not Significant
	99	1-2 Foxwood	57	UT11	70	70	Not Significant	Not Significant
	100	3-4 Foxwood	58	UT11	70	70	Not Significant	Not Significant
	101	5-6 Foxwood	59	UT11	70	70	Not Significant	Not Significant
	102	7-8 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	103	9-10 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	104	11-12 Foxwood	47	UT11	70	70	Not Significant	Not Significant
	105	13 Foxwood	62	UT11	70	70	Not Significant	Not Significant
	106	15-16 Foxwood	48	UT11	70	70	Not Significant	Not Significant
	107	17-18 Foxwood	49	UT11	70	70	Not Significant	Not Significant
	108	19-20 Foxwood	51	UT11	70	70	Not Significant	Not Significant
	109	14 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	110	1 Drynam Road	57	UT11	70	70	Not Significant	Not Significant
	111	11 Drynam Road	65	UT11	70	70	Slight to Moderate	Not Significant
	112	9-10 Drynam Road	58	UT11	70	70	Not Significant	Not Significant
	113	7-8 Drynam Road	58	UT11	70	70	Not Significant	Not Significant
	114	17 Drynam Road	60	UT11	70	70	Not Significant	Not Significant
	115	5A Commons E	57	UT11	70	70	Not Significant	Not Significant
	116	3 Commons E	48	UT11	70	70	Not Significant	Not Significant
	117	3 The Old Stables, Comm	60	UT11	70	70	Not Significant	Not Significant
	118	St Jude, The Old Stables	65	UT11	70	70	Slight to Moderate	Not Significant
	119	Annerly Swords Rd	44	UT11	70	70	Not Significant	Not Significant
	120	St Jude's Swords Rd	35	UT11	70	70	Not Significant	Not Significant
	121	2 Drynam Road	50	UT11	70	70	Not Significant	Not Significant
	122	3 Drynam Road	55	UT11	70	70	Not Significant	Not Significant
	123	4 Drynam Road	48	UT11	70	70	Not Significant	Not Significant
	124	5 Drynam Road	47	UT11	70	70	Not Significant	Not Significant
	125	21 Longlands	57	UT11	70	70	Not Significant	Not Significant
	126	20 Longlands	56	UT11	70	70	Not Significant	Not Significant
	127	19 Longlands	56	UT11	70	70	Not Significant	Not Significant
	128	18 Longlands	56	UT11	70	70	Not Significant	Not Significant
	129	17 Longlands	56	UT11	70	70	Not Significant	Not Significant
	130	16 Longlands	55	UT11	70	70	Not Significant	Not Significant
	131	Pavillions	59	AT9	75	75	Not Significant	Not Significant
132	45 Carlton Ct	62	UT13	75	75	Not Significant	Not Significant	
133	39-41 Carlton Ct	62	UT13	75	75	Not Significant	Not Significant	
134	35-37 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant	
135	31-33 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant	
136	86-88 Carlton Ct	60	UT13	75	75	Not Significant	Not Significant	
137	90-92 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant	
138	94-96 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant	
139	98-100 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant	
140	102-104 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant	
141	106-108 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant	
142	110-112 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant	
143	114-116 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant	
144	118-120 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant	

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	145	122-124 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	146	82-84 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant
	147	78-80 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant
	148	74-76 Carlton Ct	48	UT13	75	75	Not Significant	Not Significant
	149	70-72 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
	150	66-68 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
	151	62-64 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	152	58-60 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	153	54-56 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant
	154	122 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant
	155	124-126 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
	156	128-130 Carlton Ct	35	UT13	75	75	Not Significant	Not Significant
	157	142 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
	158	136 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant
	159	144-146 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant
	160	148-150 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant
	161	152 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant
	162	176-178 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	163	172-174 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	164	168-170 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant
	165	164-166 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	166	180-182 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	167	184-186 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
	168	188-190 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
	169	192 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
	170	193 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
	171	194 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
	172	61 Dublin Rd	30	UT13	75	75	Not Significant	Not Significant
	173	59 Dublin Rd	32	UT13	75	75	Not Significant	Not Significant
	174	57 Dublin Rd	36	UT13	75	75	Not Significant	Not Significant
	175	55 Dublin Rd	37	UT13	75	75	Not Significant	Not Significant
	176	53 Dublin Rd	41	UT13	75	75	Not Significant	Not Significant
	177	156-158 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
	178	Milton Hall, Dublin Rd	47	UT13	75	75	Not Significant	Not Significant
	179	44 Dublin Rd	38	UT13	75	75	Not Significant	Not Significant
	180	Kylemore House	43	UT13	75	75	Not Significant	Not Significant
	181	Airside Business Park	67	UT12	80	75	Not Significant	Not Significant
	182	Travelodge	53	UT13	75	75	Not Significant	Not Significant
	76	21-24 Castle Grove	47	UT11	70	70	Not Significant	Not Significant
	77	16-20 Castle Grove	54	UT11	70	70	Not Significant	Not Significant
	78	10-15 Castle Grove	43	UT11	70	70	Not Significant	Not Significant
	79	40 Longlands	55	UT11	70	70	Not Significant	Not Significant
	80	39 Longlands	55	UT11	70	70	Not Significant	Not Significant
	81	38 Longlands	55	UT11	70	70	Not Significant	Not Significant
	82	35-37 Longlands	55	UT11	70	70	Not Significant	Not Significant
	83	32-34 Longlands	55	UT11	70	70	Not Significant	Not Significant
	84	21-25 Chapel Lane	51	UT11	70	70	Not Significant	Not Significant
	85	27-31 Chapel Lane	39	UT11	70	70	Not Significant	Not Significant
	86	2-8 Ashley Grove	39	UT11	70	70	Not Significant	Not Significant
	87	47-51 Ashley Avenue	51	UT11	70	70	Not Significant	Not Significant
	88	41-45 Ashley Avenue	41	UT11	70	70	Not Significant	Not Significant
	89	1-7 Ashley Grove	42	UT11	70	70	Not Significant	Not Significant
	90	31 - 37 Ashley Grove	41	UT11	70	70	Not Significant	Not Significant
	91	28-38 Ashley Avenue	53	UT11	70	70	Not Significant	Not Significant
	92	40-50 Ashley Avenue	54	UT11	70	70	Not Significant	Not Significant
	93	52-58 Ashley Avenue	55	UT11	70	70	Not Significant	Not Significant
	94	18-26 Ashley Avenue	43	UT11	70	70	Not Significant	Not Significant
	95	12-18 Ashley Drive	43	UT11	70	70	Not Significant	Not Significant
	96	2-10 Ashley Drive	55	UT11	70	70	Not Significant	Not Significant
	97	10-16 Ashley Avenue	43	UT11	70	70	Not Significant	Not Significant
	98	1-7 Ashley Drive	53	UT11	70	70	Not Significant	Not Significant
	99	1-2 Foxwood	57	UT11	70	70	Not Significant	Not Significant
	100	3-4 Foxwood	58	UT11	70	70	Not Significant	Not Significant
	101	5-6 Foxwood	59	UT11	70	70	Not Significant	Not Significant
	102	7-8 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	103	9-10 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	104	11-12 Foxwood	46	UT11	70	70	Not Significant	Not Significant
	105	13 Foxwood	62	UT11	70	70	Not Significant	Not Significant
	106	15-16 Foxwood	45	UT11	70	70	Not Significant	Not Significant
	107	17-18 Foxwood	46	UT11	70	70	Not Significant	Not Significant
	108	19-20 Foxwood	47	UT11	70	70	Not Significant	Not Significant
	109	14 Foxwood	60	UT11	70	70	Not Significant	Not Significant
	110	1 Drynam Road	57	UT11	70	70	Not Significant	Not Significant
	111	11 Drynam Road	64	UT11	70	70	Not Significant	Not Significant
	112	9-10 Drynam Road	56	UT11	70	70	Not Significant	Not Significant
	113	7-8 Drynam Road	56	UT11	70	70	Not Significant	Not Significant
	114	17 Drynam Road	60	UT11	70	70	Not Significant	Not Significant
	115	5A Commons E	57	UT11	70	70	Not Significant	Not Significant

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	Concrete works	116	3 Commons E		46	UT11	70	70
117		3 The Old Stabls, Comm	60	UT11	70	70	Not Significant	Not Significant
118		St Jude, The Old Stables	64	UT11	70	70	Not Significant	Not Significant
119		Annberly Swords Rd	42	UT11	70	70	Not Significant	Not Significant
120		St Jude's Swords Rd	34	UT11	70	70	Not Significant	Not Significant
121		2 Drynam Road	47	UT11	70	70	Not Significant	Not Significant
122		3 Drynam Road	55	UT11	70	70	Not Significant	Not Significant
123		4 Drynam Road	46	UT11	70	70	Not Significant	Not Significant
124		5 Drynam Road	46	UT11	70	70	Not Significant	Not Significant
125		21 Longlands	55	UT11	70	70	Not Significant	Not Significant
126		20 Longlands	55	UT11	70	70	Not Significant	Not Significant
127		19 Longlands	55	UT11	70	70	Not Significant	Not Significant
128		18 Longlands	54	UT11	70	70	Not Significant	Not Significant
129		17 Longlands	54	UT11	70	70	Not Significant	Not Significant
130		16 Longlands	54	UT11	70	70	Not Significant	Not Significant
131		Pavillions	58	AT9	75	75	Not Significant	Not Significant
132		45 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant
133		39-41 Carlton Ct	61	UT13	75	75	Not Significant	Not Significant
134		35-37 Carlton Ct	60	UT13	75	75	Not Significant	Not Significant
135		31-33 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
136		86-88 Carlton Ct	59	UT13	75	75	Not Significant	Not Significant
137		90-92 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
138		94-96 Carlton Ct	58	UT13	75	75	Not Significant	Not Significant
139		98-100 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant
140		102-104 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant
141		106-108 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
142		110-112 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
143		114-116 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
144		118-120 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
145		122-124 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
146		82-84 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
147		78-80 Carlton Ct	48	UT13	75	75	Not Significant	Not Significant
148		74-76 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant
149		70-72 Carlton Ct	46	UT13	75	75	Not Significant	Not Significant
150		66-68 Carlton Ct	45	UT13	75	75	Not Significant	Not Significant
151		62-64 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
152		58-60 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
153		54-56 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
154		122 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant
155		124-126 Carlton Ct	35	UT13	75	75	Not Significant	Not Significant
156		128-130 Carlton Ct	34	UT13	75	75	Not Significant	Not Significant
157		142 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant
158		136 Carlton Ct	37	UT13	75	75	Not Significant	Not Significant
159		144-146 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
160		148-150 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
161		152 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
162		176-178 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
163		172-174 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
164	168-170 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant	
165	164-166 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant	
166	180-182 Carlton Ct	52	UT13	75	75	Not Significant	Not Significant	
167	184-186 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant	
168	188-190 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant	
169	192 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant	
170	193 Carlton Ct	39	UT13	75	75	Not Significant	Not Significant	
171	194 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant	
172	61 Dublin Rd	29	UT13	75	75	Not Significant	Not Significant	
173	59 Dublin Rd	31	UT13	75	75	Not Significant	Not Significant	
174	57 Dublin Rd	35	UT13	75	75	Not Significant	Not Significant	
175	55 Dublin Rd	36	UT13	75	75	Not Significant	Not Significant	
176	53 Dublin Rd	39	UT13	75	75	Not Significant	Not Significant	
177	156-158 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant	
178	Milton Hall, Dublin Rd	45	UT13	75	75	Not Significant	Not Significant	
179	44 Dublin Rd	37	UT13	75	75	Not Significant	Not Significant	
180	Kylemore House	42	UT13	75	75	Not Significant	Not Significant	
181	Airside Business Park	67	UT12	80	75	Not Significant	Not Significant	
182	Travelodge	53	UT13	75	75	Not Significant	Not Significant	
76	21-24 Castle Grove	45	UT11	70	70	Not Significant	Not Significant	
77	16-20 Castle Grove	50	UT11	70	70	Not Significant	Not Significant	
78	10-15 Castle Grove	39	UT11	70	70	Not Significant	Not Significant	
79	40 Longlands	51	UT11	70	70	Not Significant	Not Significant	
80	39 Longlands	51	UT11	70	70	Not Significant	Not Significant	
81	38 Longlands	51	UT11	70	70	Not Significant	Not Significant	
82	35-37 Longlands	51	UT11	70	70	Not Significant	Not Significant	
83	32-34 Longlands	51	UT11	70	70	Not Significant	Not Significant	
84	21-25 Chapel Lane	46	UT11	70	70	Not Significant	Not Significant	
85	27-31 Chapel Lane	35	UT11	70	70	Not Significant	Not Significant	
86	2-8 Ashley Grove	34	UT11	70	70	Not Significant	Not Significant	

Swords Station

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Site reinstatement & landscaping works	87	47-51 Ashley Avenue	47	UT11	70	70	Not Significant	Not Significant
	88	41-45 Ashley Avenue	37	UT11	70	70	Not Significant	Not Significant
	89	1-7 Ashley Grove	37	UT11	70	70	Not Significant	Not Significant
	90	31 - 37 Ashley Grove	37	UT11	70	70	Not Significant	Not Significant
	91	28-38 Ashley Avenue	49	UT11	70	70	Not Significant	Not Significant
	92	40-50 Ashley Avenue	50	UT11	70	70	Not Significant	Not Significant
	93	52-58 Ashley Avenue	50	UT11	70	70	Not Significant	Not Significant
	94	18-26 Ashley Avenue	40	UT11	70	70	Not Significant	Not Significant
	95	12-18 Ashley Drive	39	UT11	70	70	Not Significant	Not Significant
	96	2-10 Ashley Drive	50	UT11	70	70	Not Significant	Not Significant
	97	10-16 Ashley Avenue	39	UT11	70	70	Not Significant	Not Significant
	98	1-7 Ashley Drive	48	UT11	70	70	Not Significant	Not Significant
	99	1-2 Foxwood	52	UT11	70	70	Not Significant	Not Significant
	100	3-4 Foxwood	52	UT11	70	70	Not Significant	Not Significant
	101	5-6 Foxwood	53	UT11	70	70	Not Significant	Not Significant
	102	7-8 Foxwood	54	UT11	70	70	Not Significant	Not Significant
	103	9-10 Foxwood	55	UT11	70	70	Not Significant	Not Significant
	104	11-12 Foxwood	41	UT11	70	70	Not Significant	Not Significant
	105	13 Foxwood	57	UT11	70	70	Not Significant	Not Significant
	106	15-16 Foxwood	44	UT11	70	70	Not Significant	Not Significant
	107	17-18 Foxwood	46	UT11	70	70	Not Significant	Not Significant
	108	19-20 Foxwood	47	UT11	70	70	Not Significant	Not Significant
	109	14 Foxwood	55	UT11	70	70	Not Significant	Not Significant
	110	1 Drynam Road	51	UT11	70	70	Not Significant	Not Significant
	111	11 Drynam Road	59	UT11	70	70	Not Significant	Not Significant
	112	9-10 Drynam Road	53	UT11	70	70	Not Significant	Not Significant
	113	7-8 Drynam Road	52	UT11	70	70	Not Significant	Not Significant
	114	17 Drynam Road	55	UT11	70	70	Not Significant	Not Significant
	115	5A Commons E	51	UT11	70	70	Not Significant	Not Significant
	116	3 Commons E	42	UT11	70	70	Not Significant	Not Significant
	117	3 The Old Stabls, Comm	55	UT11	70	70	Not Significant	Not Significant
	118	St Jude, The Old Stables	60	UT11	70	70	Not Significant	Not Significant
	119	Annerly Swords Rd	38	UT11	70	70	Not Significant	Not Significant
	120	St Jude's Swords Rd	29	UT11	70	70	Not Significant	Not Significant
	121	2 Drynam Road	47	UT11	70	70	Not Significant	Not Significant
	122	3 Drynam Road	49	UT11	70	70	Not Significant	Not Significant
	123	4 Drynam Road	42	UT11	70	70	Not Significant	Not Significant
	124	5 Drynam Road	42	UT11	70	70	Not Significant	Not Significant
	125	21 Longlands	51	UT11	70	70	Not Significant	Not Significant
	126	20 Longlands	51	UT11	70	70	Not Significant	Not Significant
	127	19 Longlands	50	UT11	70	70	Not Significant	Not Significant
	128	18 Longlands	50	UT11	70	70	Not Significant	Not Significant
	129	17 Longlands	50	UT11	70	70	Not Significant	Not Significant
	130	16 Longlands	50	UT11	70	70	Not Significant	Not Significant
	131	Pavillions	54	AT9	75	75	Not Significant	Not Significant
	132	45 Carlton Ct	57	UT13	75	75	Not Significant	Not Significant
	133	39-41 Carlton Ct	56	UT13	75	75	Not Significant	Not Significant
	134	35-37 Carlton Ct	55	UT13	75	75	Not Significant	Not Significant
	135	31-33 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
	136	86-88 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant
	137	90-92 Carlton Ct	54	UT13	75	75	Not Significant	Not Significant
	138	94-96 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	139	98-100 Carlton Ct	53	UT13	75	75	Not Significant	Not Significant
	140	102-104 Carlton Ct	52	UT13	75	75	Not Significant	Not Significant
	141	106-108 Carlton Ct	52	UT13	75	75	Not Significant	Not Significant
	142	110-112 Carlton Ct	51	UT13	75	75	Not Significant	Not Significant
	143	114-116 Carlton Ct	51	UT13	75	75	Not Significant	Not Significant
	144	118-120 Carlton Ct	51	UT13	75	75	Not Significant	Not Significant
	145	122-124 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	146	82-84 Carlton Ct	44	UT13	75	75	Not Significant	Not Significant
	147	78-80 Carlton Ct	43	UT13	75	75	Not Significant	Not Significant
	148	74-76 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	149	70-72 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
	150	66-68 Carlton Ct	41	UT13	75	75	Not Significant	Not Significant
	151	62-64 Carlton Ct	32	UT13	75	75	Not Significant	Not Significant
	152	58-60 Carlton Ct	32	UT13	75	75	Not Significant	Not Significant
	153	54-56 Carlton Ct	32	UT13	75	75	Not Significant	Not Significant
	154	122 Carlton Ct	40	UT13	75	75	Not Significant	Not Significant
	155	124-126 Carlton Ct	30	UT13	75	75	Not Significant	Not Significant
	156	128-130 Carlton Ct	30	UT13	75	75	Not Significant	Not Significant
	157	142 Carlton Ct	50	UT13	75	75	Not Significant	Not Significant
	158	136 Carlton Ct	32	UT13	75	75	Not Significant	Not Significant
	159	144-146 Carlton Ct	42	UT13	75	75	Not Significant	Not Significant
	160	148-150 Carlton Ct	49	UT13	75	75	Not Significant	Not Significant
	161	152 Carlton Ct	48	UT13	75	75	Not Significant	Not Significant
	162	176-178 Carlton Ct	48	UT13	75	75	Not Significant	Not Significant
	163	172-174 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
	164	168-170 Carlton Ct	38	UT13	75	75	Not Significant	Not Significant

Swords Station

Activity	Receptor		Predicted CNL, dB $L_{Aeq,T}$	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Day	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	165	164-166 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
	166	180-182 Carlton Ct	47	UT13	75	75	Not Significant	Not Significant
	167	184-186 Carlton Ct	35	UT13	75	75	Not Significant	Not Significant
	168	188-190 Carlton Ct	34	UT13	75	75	Not Significant	Not Significant
	169	192 Carlton Ct	34	UT13	75	75	Not Significant	Not Significant
	170	193 Carlton Ct	34	UT13	75	75	Not Significant	Not Significant
	171	194 Carlton Ct	35	UT13	75	75	Not Significant	Not Significant
	172	61 Dublin Rd	24	UT13	75	75	Not Significant	Not Significant
	173	59 Dublin Rd	26	UT13	75	75	Not Significant	Not Significant
	174	57 Dublin Rd	30	UT13	75	75	Not Significant	Not Significant
	175	55 Dublin Rd	31	UT13	75	75	Not Significant	Not Significant
	176	53 Dublin Rd	34	UT13	75	75	Not Significant	Not Significant
	177	156-158 Carlton Ct	36	UT13	75	75	Not Significant	Not Significant
	178	Milton Hall, Dublin Rd	41	UT13	75	75	Not Significant	Not Significant
	179	44 Dublin Rd	32	UT13	75	75	Not Significant	Not Significant
	180	Kylemore House	37	UT13	75	75	Not Significant	Not Significant
181	Airside Business Park	62	UT12	80	75	Not Significant	Not Significant	
182	Travelodge	47	UT13	75	75	Not Significant	Not Significant	

Tara Street Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG	
				DAY	EVE	NIG				
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0	
	Site Lighting	BS 5228-1:2009 Table C.4:86	65	6	0	0	100	0	0	
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0	
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0	
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0	
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74	1	0	0	100	0	0	
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90	1	0	0	30	0	0	
	Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
	Demolition	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	1	0	0	40	0	0
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90	2	0	0	40	0	0	
Tipper Lorry		Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	25	0	0	
Hydraulic track demolition machine		BS 5228-1:2009 Table C.1:9	90	1	0	0	40	0	0	
MEWPS		BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0	
Concrete crusher		BS 5228-1:2009 Table C.9:14	90	1	0	0	10	0	0	
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	2	0	0	40	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Tracked Mobile 55T		BS 5228-1:2009 Table C.3:29	70	1	0	0	40	0	0	
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0	
Water Station Piling Works	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0	
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0	
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0	
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Water Station Works Excavation - Gound Level	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
Generator 150KVA		BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
Compressor		BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
Waste Water Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
Mobile Crane 250t		BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
Slurry Treatment Plant		BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Water Pump		BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
Wheel Wash		BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
Road Sweeper		BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
Excavator (Loading)		BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
Dumper 3t		BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
Jet Wash		BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
Concrete Delivery		BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
Concrete Pump		BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0	
Cement mixer truck (Discharging)		BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
Cement mixer truck (Idling)		BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0	
General Site Loader		BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
Breaker mounted on Excavator		BS 5228-1:2009 Table C.1:9	90	2	0	0	30	0	0	
360 Excavator (20t)		BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0	
Water Station Works Excavation - Underground		Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70
		Site Lighting	BS 5228-1:2009 Table C.4:86	65	10	10	10	40	40	40
		Concrete Pump	BS 5228-1:2009 Table C.4:25	82	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0	
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0	
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0	
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0	
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	70	70	70	
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65	1	1	1	100	100	100	
	Compressor	BS 5228-1:2009 Table C.3:19	75	1	0	0	50	0	0	
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0	
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0	
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0	
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0	
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0	
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0	
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0	
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0	
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0	

Tara Street Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0
	360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0
	Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0
Tracked Mobile 110T		BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
HGV		Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
Medium Roller		BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
360 Excavator (45t)		BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
Dust Suppression		BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
Grader		BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
4 Wheel Platform		BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Tara Street Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Advanced Enabling & Utility Works, Site Preparation Works	Chain Saw	BS 5228-1:2009 Table C.4:72	79	3	0	0	15	0	0
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	6	0	0	100	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	3	0	0	20	0	0
	Articulated Dump Truck	BS 5228-1:2009 Table C.4:1	81	2	0	0	1	0	0
	Dumper 6t	BS 5228-1:2009 Table C.4:6	79	2	0	0	30	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Mini-Digger	BS 5228-1:2009 Table C.4:67	74	1	0	0	30	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Diesel Generator	BS 5228-1:2009 Table C.4:84	74 (-10)	1	0	0	100	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	30	0	0
Skip Wagon	BS 5228-1:2009 Table C.8:21	78	1	0	0	25	0	0	
HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	5	0	0	1	0	0	
Demolition	Mobile 100T	BS 5228-1:2009 Table C.4:41	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	40	0	0
	Tipper Lorry	Average of BS 5228-1:2009 Table C.11:4-20	82	2	0	0	25	0	0
	Hydraulic track demolition machine	BS 5228-1:2009 Table C.1:9	90 (-10)	1	0	0	40	0	0
	MEWPS	BS 5228-1:2009 Table C.4:59	78	2	0	0	40	0	0
	Concrete crusher	BS 5228-1:2009 Table C.9:14	90	1	0	0	10	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	40	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
Tracked Mobile 55T	BS 5228-1:2009 Table C.3:29	70	1	0	0	40	0	0	
Water Station Piling Works	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	10	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Bentonite Plant	BS 5228-1:2009 Table C.4:22	76	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	20	0	0
	Pile Boring Rig (Contig/Secant)	BS 5228-1:2009 Table C.3:14	83	1	0	0	15	0	0
	D-wall Hydrofraise	Manufacturer Reference	84	2	0	0	40	0	0
	D-Wall Rig	Manufacturer Reference	84	1	0	0	40	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
Water Station Works Excavation - Gound Level (includes batching plant)	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
	Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	2	0	0	40	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	Breaker mounted on Excavator	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	1	0	0	40	0	0
Generator 200KVA	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Site Lighting	BS 5228-1:2009 Table C.4:86	65 (-10)	10	10	10	40	40	40
	Concrete Pump	BS 5228-1:2009 Table C.4:25	82 (-10)	1	0	0	25	0	0
	Dumper 3t	BS 5228-1:2009 Table C.4:9	77	1	0	0	20	0	0
	General Site Loader	BS 5228-1:2009 Table C.4:13	71	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	38	0	0	1	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	2	0	0	20	0	0
	Generator 200KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	70	70	70
	Generator 150KVA	BS 5228-1:2009 Table C.6:39	65 (-10)	1	1	1	100	100	100
	Compressor	BS 5228-1:2009 Table C.3:19	75 (-10)	1	0	0	50	0	0
Waste Water Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0	
Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0	

Tara Street Station

Activity	Plant / Equipment	Data Source	Activity dB LAeq,T at 10m	Number of plant			% DAY	% EVE	% NIG
				DAY	EVE	NIG			
Mater Station Works Excavation - Underground	Mobile Crane 250t	BS 5228-1:2009 Table C.4:38	78	1	0	0	30	0	0
	Slurry Treatment Plant	BS 5228-1:2009 Table C.11:2	71	1	0	0	40	0	0
	Water Pump	BS 5228-1:2009 Table C.5:40	68	2	0	0	40	0	0
	Wheel Wash	BS 5228-1:2009 Table C.3:13	63	2	0	0	20	0	0
	Road Sweeper	BS 5228-1:2009 Table C.4:90	76	1	0	0	80	0	0
	Excavator (Loading)	BS 5228-1:2009 Table C.2:29	79	1	0	0	20	0	0
	Jet Wash	BS 5228-1:2009 Table C.3:13	63	1	0	0	30	0	0
	Concrete Delivery	BS 5228-1:2009 Table C.4:20	80	10	0	0	1	0	0
	Cement mixer truck (Discharging)	BS 5228-1:2009 Table C.4:28	75	1	0	0	25	0	0
	Cement mixer truck (Idling)	BS 5228-1:2009 Table C.4:19	71	1	0	0	25	0	0
	360 Excavator (45t) (Underground)	BS 5228-1:2009 Table C.2:14	79 (-10)	2	0	0	40	0	0
	FLEXIROC T30 Drill rig	BS 5228-1:2009 Table C.9:3	91 (-10)	2	0	0	30	0	0
	FlexiROC T15 Drill rig	Manufacturer Reference	91 (-10)	2	0	0	10	0	0
	Jumbo	Manufacturer Reference	91 (-10)	2	0	0	30	0	0
	Drum cutter	Manufacturer Reference	84 (-10)	2	0	0	30	0	0
	General Site Loader (underground)	BS 5228-1:2009 Table C.10:3	83 (-10)	1	0	0	40	0	0
	Breaker mounted on Excavator (underground)	BS 5228-1:2009 Table C.1:9	90 (-10)	2	0	0	30	0	0
4 Wheel Platform (underground)	BS 5228-1:2009 Table C.4:59	78 (-10)	1	0	0	10	0	0	
360 Excavator (underground)	BS 5228-1:2009 Table C.2:21	71 (-10)	1	0	0	40	0	0	
Finishing & Fit-Out Works	360 Excavator (20t)	BS 5228-1:2009 Table C.2:21	71	2	0	0	40	0	0
	Tracked Mobile 110T	BS 5228-1:2009 Table C.3:28	67	1	0	0	40	0	0
	HGV	Average of BS 5228-1:2009 Table C.11:4-20	82	15	0	0	1	0	0
	Medium Roller	BS 5228-1:2009 Table C.5:24	84	1	0	0	10	0	0
	360 Excavator (45t)	BS 5228-1:2009 Table C.2:14	79	1	0	0	20	0	0
	Dust Suppression	BS 5228-1:2009 Table C.4:91	78	1	0	0	20	0	0
	Grader	BS 5228-1:2009 Table C.6:31	86	1	0	0	20	0	0
	4 Wheel Platform	BS 5228-1:2009 Table C.4:59	78	1	0	0	10	0	0

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Poolbeg House	59	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	66	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	68	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	68	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	70	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	73	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	67	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	68	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	69	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	69	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	64	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	75	AT43	75	75	Slight to Moderate	Slight to Moderate
	13	Georges Quay House	66	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	63	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	76	UT48	75	75	Moderate to Significant	Moderate to Significant
	16	Tara St Fire Station	76	UT48	75	75	Moderate to Significant	Moderate to Significant
	17	Trinity Plaza Apartment	74	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	68	UT49	75	70	Not Significant	Slight to Moderate
	19	39 Tara St	62	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	56	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	56	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	54	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	73	UT49	75	70	Slight to Moderate	Moderate to Significant
	24	Irish Times Building	82	UT49	75	75	Significant to Very Significant	Significant to Very Significant
	25	Hawkins House	69	UT48	75	75	Not Significant	Not Significant
Demolition	1	Poolbeg House	64	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	71	UT48	70	70	Moderate to Significant	Moderate to Significant
	3	Immigration Office	73	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	73	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	75	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	78	UT49	75	75	Moderate to Significant	Moderate to Significant
	7	1 - 3 Tara St	72	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	73	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	74	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	74	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	69	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	80	AT43	75	75	Moderate to Significant	Moderate to Significant
	13	Georges Quay House	70	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	68	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	81	UT48	75	75	Significant to Very Significant	Significant to Very Significant
	16	Tara St Fire Station	81	UT48	75	75	Significant to Very Significant	Significant to Very Significant
	17	Trinity Plaza Apartment	79	UT49	75	70	Moderate to Significant	Significant to Very Significant
	18	179 Townsend St	73	UT49	75	70	Slight to Moderate	Moderate to Significant
	19	39 Tara St	67	UT49	75	70	Not Significant	Slight to Moderate
	20	180 Townsend St	60	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	62	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	59	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	78	UT49	75	70	Moderate to Significant	Significant to Very Significant
	24	Irish Times Building	87	UT49	75	75	Significant to Very Significant	Significant to Very Significant
	25	Hawkins House	74	UT48	75	75	Not Significant	Not Significant
Piling Works	1	Poolbeg House	59	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	66	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	68	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	69	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	71	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	73	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	67	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	68	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	69	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	68	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	66	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	75	AT43	75	75	Slight to Moderate	Slight to Moderate
	13	Georges Quay House	67	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	68	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	78	UT48	75	75	Moderate to Significant	Moderate to Significant
	16	Tara St Fire Station	78	UT48	75	75	Moderate to Significant	Moderate to Significant
	17	Trinity Plaza Apartment	73	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	66	UT49	75	70	Not Significant	Slight to Moderate
	19	39 Tara St	63	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	62	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	59	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	49	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	71	UT49	75	70	Slight to Moderate	Moderate to Significant
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	69	UT48	75	75	Not Significant	Not Significant
Other	1	Poolbeg House	60	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	68	UT48	70	70	Slight to Moderate	Slight to Moderate
	3	Immigration Office	70	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	71	UT48	75	75	Not Significant	Not Significant

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact		
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Excavation - Gound Level	5	8 - 9 Poolbeg St	73	UT49	75	75	Not Significant	Not Significant	
	6	Tara Building	75	UT49	75	75	Not Significant	Not Significant	
	7	1 - 3 Tara St	69	UT49	75	75	Not Significant	Not Significant	
	8	Exchange Court (rear)	70	UT49	75	75	Not Significant	Not Significant	
	9	2 Georges Quay (rear)	71	UT49	75	75	Not Significant	Not Significant	
	10	10 Georges Quay (rear)	70	AT43	75	75	Not Significant	Not Significant	
	11	Ulster Bank (rear)	68	AT43	75	75	Not Significant	Not Significant	
	12	One Georges Quay	78	AT43	75	75	Moderate to Significant	Moderate to Significant	
	13	Georges Quay House	70	AT43	75	75	Not Significant	Not Significant	
	14	155 Townsend St	71	UT48	75	75	Not Significant	Not Significant	
	15	164 Townsend St	80	UT48	75	75	Moderate to Significant	Moderate to Significant	
	16	Tara St Fire Station	80	UT48	75	75	Moderate to Significant	Moderate to Significant	
	17	Trinity Plaza Apartment	76	UT49	75	70	Moderate to Significant	Significant to Very Significant	
	18	179 Townsend St	68	UT49	75	70	Not Significant	Slight to Moderate	
	19	39 Tara St	65	UT49	75	70	Not Significant	Slight to Moderate	
	20	180 Townsend St	65	UT49	75	70	Not Significant	Slight to Moderate	
	21	Goldsmith House	61	UT49	75	70	Not Significant	Not Significant	
	22	Garda Station	50	UT48	75	75	Not Significant	Not Significant	
	23	10 - 15 Tara St	73	UT49	75	70	Slight to Moderate	Moderate to Significant	
	24	Irish Times Building	80	UT49	75	75	Moderate to Significant	Moderate to Significant	
	25	Hawkins House	71	UT48	75	75	Not Significant	Not Significant	
	Excavation - Underground	1	Poolbeg House	54	UT48	70	70	Not Significant	Not Significant
		2	The Corn Exchange	63	UT48	70	70	Not Significant	Not Significant
		3	Immigration Office	65	UT48	75	75	Not Significant	Not Significant
		4	7 Poolbeg St	66	UT48	75	75	Not Significant	Not Significant
5		8 - 9 Poolbeg St	68	UT49	75	75	Not Significant	Not Significant	
6		Tara Building	70	UT49	75	75	Not Significant	Not Significant	
7		1 - 3 Tara St	64	UT49	75	75	Not Significant	Not Significant	
8		Exchange Court (rear)	65	UT49	75	75	Not Significant	Not Significant	
9		2 Georges Quay (rear)	67	UT49	75	75	Not Significant	Not Significant	
10		10 Georges Quay (rear)	66	AT43	75	75	Not Significant	Not Significant	
11		Ulster Bank (rear)	63	AT43	75	75	Not Significant	Not Significant	
12		One Georges Quay	72	AT43	75	75	Not Significant	Not Significant	
13		Georges Quay House	64	AT43	75	75	Not Significant	Not Significant	
14		155 Townsend St	64	UT48	75	75	Not Significant	Not Significant	
15		164 Townsend St	74	UT48	75	75	Not Significant	Not Significant	
16		Tara St Fire Station	75	UT48	75	75	Not Significant	Not Significant	
17		Trinity Plaza Apartment	71	UT49	75	70	Slight to Moderate	Moderate to Significant	
18		179 Townsend St	64	UT49	75	70	Not Significant	Not Significant	
19		39 Tara St	59	UT49	75	70	Not Significant	Not Significant	
20		180 Townsend St	58	UT49	75	70	Not Significant	Not Significant	
21		Goldsmith House	54	UT49	75	70	Not Significant	Not Significant	
22		Garda Station	49	UT48	75	75	Not Significant	Not Significant	
23		10 - 15 Tara St	69	UT49	75	70	Slight to Moderate	Slight to Moderate	
24		Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant	
25		Hawkins House	66	UT48	75	75	Not Significant	Not Significant	
Finishing & Fit-Out Works	1	Poolbeg House	55	UT48	70	70	Not Significant	Not Significant	
	2	The Corn Exchange	61	UT48	70	70	Not Significant	Not Significant	
	3	Immigration Office	63	UT48	75	75	Not Significant	Not Significant	
	4	7 Poolbeg St	64	UT48	75	75	Not Significant	Not Significant	
	5	8 - 9 Poolbeg St	66	UT49	75	75	Not Significant	Not Significant	
	6	Tara Building	68	UT49	75	75	Not Significant	Not Significant	
	7	1 - 3 Tara St	62	UT49	75	75	Not Significant	Not Significant	
	8	Exchange Court (rear)	63	UT49	75	75	Not Significant	Not Significant	
	9	2 Georges Quay (rear)	65	UT49	75	75	Not Significant	Not Significant	
	10	10 Georges Quay (rear)	64	AT43	75	75	Not Significant	Not Significant	
	11	Ulster Bank (rear)	60	AT43	75	75	Not Significant	Not Significant	
	12	One Georges Quay	70	AT43	75	75	Not Significant	Not Significant	
	13	Georges Quay House	62	AT43	75	75	Not Significant	Not Significant	
	14	155 Townsend St	58	UT48	75	75	Not Significant	Not Significant	
	15	164 Townsend St	71	UT48	75	75	Not Significant	Not Significant	
	16	Tara St Fire Station	71	UT48	75	75	Not Significant	Not Significant	
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate	
	18	179 Townsend St	63	UT49	75	70	Not Significant	Not Significant	
	19	39 Tara St	57	UT49	75	70	Not Significant	Not Significant	
	20	180 Townsend St	52	UT49	75	70	Not Significant	Not Significant	
	21	Goldsmith House	52	UT49	75	70	Not Significant	Not Significant	
	22	Garda Station	49	UT48	75	75	Not Significant	Not Significant	
	23	10 - 15 Tara St	68	UT49	75	70	Not Significant	Slight to Moderate	
	24	Irish Times Building	78	UT49	75	75	Moderate to Significant	Moderate to Significant	
	25	Hawkins House	65	UT48	75	75	Not Significant	Not Significant	

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Poolbeg House	54	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	61	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	63	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	63	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	65	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	68	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	62	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	63	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	65	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	64	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	60	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	70	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	61	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	57	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	71	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	71	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	18	179 Townsend St	63	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	57	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	53	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	52	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	49	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	68	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	64	UT48	75	75	Not Significant	Not Significant
Demolition	1	Poolbeg House	58	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	65	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	67	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	67	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	69	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	72	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	66	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	67	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	69	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	68	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	63	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	74	AT43	75	75	Slight to Moderate	Slight to Moderate
	13	Georges Quay House	65	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	62	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	75	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	75	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	73	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	67	UT49	75	70	Not Significant	Slight to Moderate
	19	39 Tara St	61	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	54	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	56	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	53	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	72	UT49	75	70	Slight to Moderate	Moderate to Significant
	24	Irish Times Building	81	UT49	75	75	Significant to Very Significant	Significant to Very Significant
	25	Hawkins House	68	UT48	75	75	Not Significant	Not Significant
Piling Works	1	Poolbeg House	59	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	65	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	68	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	69	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	71	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	72	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	67	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	68	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	69	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	68	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	65	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	75	AT43	75	75	Slight to Moderate	Slight to Moderate
	13	Georges Quay House	67	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	68	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	78	UT48	75	75	Moderate to Significant	Moderate to Significant
	16	Tara St Fire Station	78	UT48	75	75	Moderate to Significant	Moderate to Significant
	17	Trinity Plaza Apartment	73	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	66	UT49	75	70	Not Significant	Slight to Moderate
	19	39 Tara St	63	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	62	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	58	UT49	75	70	Not Significant	Not Significant

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	22	Garda Station	49	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	70	UT49	75	70	Slight to Moderate	Slight to Moderate
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	69	UT48	75	75	Not Significant	Not Significant
Excavation Ground Level	1	Poolbeg House	54	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	64	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	66	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	67	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	68	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	70	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	65	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	66	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	67	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	67	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	64	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	72	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	65	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	65	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	75	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	75	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	71	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	64	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	60	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	60	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	56	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	48	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	67	UT48	75	75	Not Significant	Not Significant
Excavation Underground	1	Poolbeg House	50	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	61	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	63	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	64	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	66	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	68	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	62	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	64	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	66	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	65	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	61	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	71	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	63	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	63	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	72	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	73	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	18	179 Townsend St	63	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	57	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	57	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	53	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	48	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	68	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	76	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	65	UT48	75	75	Not Significant	Not Significant
Finishing & Fit-Out Works	1	Poolbeg House	55	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	61	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	63	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	64	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	66	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	68	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	62	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	63	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	65	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	64	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	60	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	70	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	62	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	58	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	71	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	71	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	18	179 Townsend St	63	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	57	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	52	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	52	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	49	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	68	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	78	UT49	75	75	Moderate to Significant	Moderate to Significant
25	Hawkins House	65	UT48	75	75	Not Significant	Not Significant	

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Advanced Enabling & Utility Works, Site Preparation Works	1	Poolbeg House	50	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	60	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	61	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	60	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	63	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	65	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	58	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	61	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	63	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	63	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	60	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	69	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	61	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	57	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	70	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	71	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	18	179 Townsend St	61	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	56	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	48	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	52	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	44	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	66	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	64	UT48	75	75	Not Significant	Not Significant
Demolition	1	Poolbeg House	54	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	63	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	65	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	63	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	66	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	69	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	61	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	65	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	67	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	67	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	63	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	73	AT43	75	75	Slight to Moderate	Slight to Moderate
	13	Georges Quay House	65	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	61	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	74	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	74	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	73	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	65	UT49	75	70	Not Significant	Slight to Moderate
	19	39 Tara St	61	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	50	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	55	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	48	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	70	UT49	75	70	Slight to Moderate	Slight to Moderate
	24	Irish Times Building	81	UT49	75	75	Significant to Very Significant	Significant to Very Significant
	25	Hawkins House	68	UT48	75	75	Not Significant	Not Significant
Piling Works	1	Poolbeg House	55	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	65	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	67	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	66	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	68	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	71	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	62	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	67	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	68	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	67	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	64	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	74	AT43	75	75	Slight to Moderate	Slight to Moderate
	13	Georges Quay House	67	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	68	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	75	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	75	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	72	UT49	75	70	Slight to Moderate	Moderate to Significant

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
	18	179 Townsend St	64	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	62	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	60	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	58	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	45	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
Excavation Gound Level	25	Hawkins House	68	UT48	75	75	Not Significant	Not Significant
	1	Poolbeg House	51	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	63	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	65	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	63	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	66	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	69	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	60	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	65	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	66	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	66	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	63	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	72	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	65	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	65	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	73	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	74	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	71	UT49	75	70	Slight to Moderate	Moderate to Significant
	18	179 Townsend St	62	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	60	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	58	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	55	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	44	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	68	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	77	UT49	75	75	Moderate to Significant	Moderate to Significant
25	Hawkins House	66	UT48	75	75	Not Significant	Not Significant	
Excavation Undergrou nd	1	Poolbeg House	45	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	60	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	62	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	60	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	63	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	66	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	58	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	63	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	65	UT49	75	75	Not Significant	Not Significant
	10	10 Georges Quay (rear)	64	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	61	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	71	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	63	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	63	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	72	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	73	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	18	179 Townsend St	59	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	56	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	54	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	51	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	43	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	65	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	76	UT49	75	75	Moderate to Significant	Moderate to Significant
	25	Hawkins House	64	UT48	75	75	Not Significant	Not Significant
	1	Poolbeg House	50	UT48	70	70	Not Significant	Not Significant
	2	The Corn Exchange	60	UT48	70	70	Not Significant	Not Significant
	3	Immigration Office	61	UT48	75	75	Not Significant	Not Significant
	4	7 Poolbeg St	60	UT48	75	75	Not Significant	Not Significant
	5	8 - 9 Poolbeg St	63	UT49	75	75	Not Significant	Not Significant
	6	Tara Building	66	UT49	75	75	Not Significant	Not Significant
	7	1 - 3 Tara St	57	UT49	75	75	Not Significant	Not Significant
	8	Exchange Court (rear)	62	UT49	75	75	Not Significant	Not Significant
	9	2 Georges Quay (rear)	64	UT49	75	75	Not Significant	Not Significant

Tara Street Station

Activity	Receptor		Calculated Noise Level, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Daytime	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)
Finishing & Fit-Out Works	10	10 Georges Quay (rear)	63	AT43	75	75	Not Significant	Not Significant
	11	Ulster Bank (rear)	60	AT43	75	75	Not Significant	Not Significant
	12	One Georges Quay	70	AT43	75	75	Not Significant	Not Significant
	13	Georges Quay House	62	AT43	75	75	Not Significant	Not Significant
	14	155 Townsend St	57	UT48	75	75	Not Significant	Not Significant
	15	164 Townsend St	71	UT48	75	75	Not Significant	Not Significant
	16	Tara St Fire Station	71	UT48	75	75	Not Significant	Not Significant
	17	Trinity Plaza Apartment	69	UT49	75	70	Slight to Moderate	Slight to Moderate
	18	179 Townsend St	61	UT49	75	70	Not Significant	Not Significant
	19	39 Tara St	57	UT49	75	70	Not Significant	Not Significant
	20	180 Townsend St	47	UT49	75	70	Not Significant	Not Significant
	21	Goldsmith House	52	UT49	75	70	Not Significant	Not Significant
	22	Garda Station	44	UT48	75	75	Not Significant	Not Significant
	23	10 - 15 Tara St	66	UT49	75	70	Not Significant	Slight to Moderate
	24	Irish Times Building	78	UT49	75	75	Moderate to Significant	Moderate to Significant
25	Hawkins House	64	UT48	75	75	Not Significant	Not Significant	