TABLES

Table A1: Facility Source Summary

Source ID	Source Description	Overall Daytime Sound Power Level (dBA)	Overall Evening Sound Power Level (dBA)	Overall Night-time Sound Power Level (dBA)	Source Location	Sound Characteristics	Noise Control Measures
FP001	Fire Pump Exhaust Stack	110	110	110	O	S	U
GP001	GENERATOR EXHAUST STACK	111	111	111	O	S	U
IP001	Shot Blasting and Zinc Coating Dust Collector Pulse-Jet Cleaning	120	120	120	O	S	U
SSP001	Shipping Truck Idling - Pressure and Gravity Pipe	99	99	99	O	S	U
SSP002	Taylor Lifttruck - Loading Pressure Pipe	115	115	115	O	S	U
SSP003	B&G Exhaust	88	88	88	O	S	U
SSP004	B&G Exhaust	88	88	88	O	S	U
SSP005	B&G Exhaust	88	88	88	O	S	U
SSP006	B&G Exhaust	88	88	88	O	S	U
SSP007	B&G Exhaust	88	88	88	O	S	U
SSP008	Transformer	89	89	89	O	T	U
SSP009	Shipping Truck Idling - Bridges and Girder	99	99	99	O	S	U
SSP010	Shipping Forklift	103	103	103	O	S	U
SSP011	CAT Loader	96	96	96	O	S	U
SSP012	Meshing Wall Exhaust	88	88	88	O	S	U
SSP013	Meshing Wall Exhaust	88	88	88	O	S	U
SSP014	Tunnel Building Exhaust	88	88	88	O	S	U
SSP015	Tunnel Building Exhaust	88	88	88	O	S	U
SSP016	New Office Exhaust	88	88	88	O	S	U
SSP017	New Office RTU	80	80	80	O	S	U
SSP018	New Office RTU	80	80	80	O	S	U
SSP019	New Office Exhaust	88	88	88	O	S	U
SSP020	New Office RTU	80	80	80	O	S	U
SSP021	Office HVAC9306	88	88	88	O	S	U
SSP022	Office Exhaust 9040.30	84	84	84	O	S	U
SSP023	Office Exhaust 9040.31	84	84	84	O	S	U
SSP024	Meshing Wall Exhaust	88	88	88	O	S	U
SSP025	Meshing Wall Exhaust	88	88	88	O	S	U
SSP026	Meshing Wall Exhaust	88	88	88	O	S	U
SSP027	Tunnel Building Exhaust	88	88	88	O	S	U
SSP028	Cement Truck Blower	108	108	108	O	S	U
SSP029	Tunnel Building Exhaust	88	88	88	O	S	U
SSP030	Tunnel Building Exhaust	88	88	88	O	S	U

Table A1: Facility Source Summary

Source ID	Source Description	Overall Daytime Sound Power Level (dBA)	Overall Evening Sound Power Level (dBA)	Overall Night-time Sound Power Level (dBA)	Source Location	Sound Characteristics	Noise Control Measures
SSP031	Tunnel Building Exhaust	88	88	88	O	S	U
SSP032	Tunnel Building Exhaust	88	88	88	O	S	U
SSP033	Shipping Truck idling during loading Gravity Pipe Building	99	99	99	O	S	U
SSP034	Transformer	89	89	89	O	T	U
SSP035	VUP Exhaust 9040.10	82	82	82	O	S	U
SSP036	VUP RTU	77	77	77	O	S	U
SSP037	Forklift Idling at Gravity Pipe C	103	103	103	O	S	U
SSP038	Forklift Operating at Gravity Pipe C	103	103	103	O	S	U
SSP039	CAT Loader	96	96	96	O	S	U
SSP040	Exhaust 9040.03	105	105	105	O	S	U
SSP041	Exhaust 9040.12	76	76	76	O	S	U
SSP042	Exhaust 9040.04	84	84	84	O	S	U
SSP043	Cafe HVAC	80	80	80	O	S	U
SSP044	Exhaust 9040.13	76	76	76	O	S	U
SSP045	Sidewall Side Exhaust 9040.16	78	78	78	O	S	U
SSP046	RTU	77	77	77	O	S	U
SSP047	Cafe HVAC 2	89	89	89	O	S	U
SSP048	Cafe HVAC 3	75	75	75	O	S	U
SSP049	Exhaust	82	82	82	O	S	U
SSP050	Cafeteria Exhaust 9040.02	89	89	89	O	S	U
SSP051	Exhaust 9040.14	84	84	84	O	S	U
SSP052	Exhaust 9040.15	84	84	84	O	S	U
SSP053	Cement Truck Blower	108	108	108	O	S	U
SSP054	Sidewall Side Exhaust 9040.18	78	78	78	O	S	U
SSP055	Sidewall Side Exhaust 9040.19	78	78	78	O	S	U
SSP056	Sidewall Side Exhaust 9040.20	78	78	78	O	S	U
SSP057	Exhaust	86	86	86	O	S	U
SSP058	New Welding Fume Hood Exhaust	90	90	90	O	S	U
SSP059	New Welding Fume Hood Exhaust	90	90	90	O	S	U
SSP060	Chiller Fan #1	83	83	83	O	S	U
SSP061	Chiller Fan #2	83	83	83	O	S	U
SSP062	Chiller Fan #3	83	83	83	O	S	U
SSP063	Chiller Fan #4	83	83	83	O	S	U

Table A1: Facility Source Summary

Source ID	Source Description	Overall Daytime Sound Power Level (dBA)	Overall Evening Sound Power Level (dBA)	Overall Night-time Sound Power Level (dBA)	Source Location	Sound Characteristics	Noise Control Measures
SSP064	Chiller Fan #5	83	83	83	O	S	U
SSP065	Sidewall Side Exhaust 9040.29	78	78	78	O	S	U
SSP066	Side Wall Exhaust Fan	78	78	78	O	S	U
SSP067	Exhaust 9040.05	85	85	85	O	S	U
SSP068	Kiln Exhaust 9040.06	84	84	84	O	S	U
SSP069	Mud Room Dust Collector 9318	94	94	94	O	S	U
SSP070	Forklift - Coring	103	103	103	O	S	U
SSP071	Sidewall Side Exhaust 9040.17	78	78	78	O	S	U
SSP072	Sidewall Side Exhaust 9040.21	78	78	78	O	S	U
SSP073	RTU	77	77	77	O	S	U
SSP074	RTU	77	77	77	O	S	U
SSP075	Packer Head Exhaust	78	78	78	O	S	U
SSP076	Sidewall Side Exhaust 9040.28	78	78	78	O	S	U
SSP077	Sidewall Side Exhaust 9040.22	78	78	78	O	S	U
SSP078	Exhaust 9040.25	84	84	84	O	S	U
SSP079	Exhaust	84	84	84	O	S	U
SSP080	Sidewall Side Exhaust 9040.27	78	78	78	O	S	U
SSP081	Sidewall Side Exhaust 9040.26	78	78	78	O	S	U
SSP082	Shot Blasting DC Blower - Pangborn - TBI15 - 4160 CFM	109	109	109	O	S	U
SSP083	Zinc Coating DC Blower - Praxair - TBI25 - 8000 CFM	115	115	115	O	S	U
SSP084	Forklift at Pressure Pipe Operating	103	103	103	O	S	U
SSP085	Drilling	103	103	103	O	S	U
SSP086	D15 - Sidewall Exhaust	69	69	69	O	S	U
SSP087	D16 - Sidewall Exhaust	69	69	69	O	S	U
NGP01	Administration Office Natural Gas Stand-By Generator - RG022	95	95	95	O	S	U

Table A1: Facility Source Summary

Source ID	Source Description	Overall Daytime Sound Power Level (dBA)	Overall Evening Sound Power Level (dBA)	Overall Night-time Sound Power Level (dBA)	Source Location	Sound Characteristics	Noise Control Measures
NGP02	Plant Office Natural Gas Stand-By Generator - Kohler 38kW	86	86	86	O	S	U
SSL001	Shipping Trucks North Entrance	107	107	107	O	S	U
SSL002	Cat DP 150 - Gravity Pipe North Area	105	105	105	O	S	U
SSL003	Taylor Lift Truck - Gravity Pipe North West Area	115	115	115	O	S	U
SSL004	Taylor Lift Truck - Gravity Pipes South Area	115	—	—	O	S	U
SSL005	Mijack - Bridges and Girders North Area	116	—	—	O	S	U
SSL006	Aggregate and Cement Delivery - South Batch Plant	100	—	—	O	S	U
SSL007	Aggregate and Cement Delivery - North Batch Plant	100	—	—	O	S	U
SSL008	Cat DP 150 - Gravity Pipe East Area	105	—	—	O	S	U
SSL009	CAT DP 70 - Mud Room	103	—	—	O	S	U
SSL010	Rebar Delivery Truck Pass-by	100	—	—	O	S	U
SSL011	CAT DP70 for Stripping	103	103	103	O	S	U
SSL012	Cat DP 150 for Stripping	105	105	105	O	S	U
SSL013	Taylor Fkl at Pressure Pipe for Stripping	101	101	101	O	S	U
SSL014	Night time CAT DP 70	—	103	103	O	S	U
SSL015	Shipping Trucks North Exit - Bridge Girders	107	—	—	O	S	U
SSL016	Mijack - Bridges and Girders North Storage Area	116	116	116	O	S	U
SSL017	Water Truck	109	—	—	O	S	U
SSL018	Sweeper Truck	110	—	—	O	S	U
SSL019	Shot Blasting Dust Collector - Pangborn Ducting	87	87	87	O	S	U
SSL020	Zinc Coating Dust Collector - Praxair Ducting	96	96	96	O	S	U
SSA001	Zinc Coating Dust Collector - Fire Panel	95	95	95	O	S	U

Table A1: Facility Source Summary

Source ID	Source Description	Overall Daytime Sound Power Level (dBA)	Overall Evening Sound Power Level (dBA)	Overall Night-time Sound Power Level (dBA)	Source Location	Sound Characteristics	Noise Control Measures
SSA002	Zinc Coating Dust Collector - Fire Panel	95	95	95	O	S	U
SSA003	Zinc Coating Dust Collector - Fire Panel	95	95	95	O	S	U
FPV001	Fire Pump Louver	112	112	112	O	S	U
FPV002	Fire Pump Louver	112	112	112	O	S	U
GV001	Generator Doorway	107	107	107	O	S	U
SSV001	North Louver Bridges&Girder	91	91	91	O	S	U
SSV002	Meshing BayDoor2	93	93	93	O	S	U
SSV003	North Louver Bridges&Girder	91	91	91	O	S	U
SSV004	Bridges and Girder North Bay Door	103	103	103	O	S	U
SSV005	Bridges and Girders North Bay Door	103	103	103	O	S	U
SSV006	East Louver Bridges&Girder	87	87	87	O	S	U
SSV007	Bridges and Girders East Bay Door 2 Open	103	103	103	O	S	U
SSV008	Bridges and Girders East Bay Door	103	103	103	O	S	U
SSV009	Meshing BayDoor1	85	85	85	O	S	U
SSV010	North Bay Door Tunnel open	97	97	97	O	S	U
SSV011	South Bay Door Tunnel Open	106	106	106	O	S	U
SSV012	South Bay Door Tunnel open	97	97	97	O	S	U
SSV013	South Bay Door Tunnel open	97	97	97	O	S	U
SSV014	Baydoor #26 Closed	84	84	84	O	S	U
SSV015	Baydoor #24	90	90	90	O	S	U
SSV016	Mudroom Door #7	98	98	98	O	S	U
SSV017	Baydoor #19 DT	106	106	106	O	S	U
SSV018	Baydoor #18 DT	108	108	108	O	S	U
SSV019	Shot Blasting Dust Collector - Pangborn - Side	90	90	90	O	S	U
SSV020	Shot Blasting Dust Collector - Pangborn - Cartridges	91	91	91	O	S	U

Table A1: Facility Source Summary

Source ID	Source Description	Overall Daytime Sound Power Level (dBA)	Overall Evening Sound Power Level (dBA)	Overall Night-time Sound Power Level (dBA)	Source Location	Sound Characteristics	Noise Control Measures
SSV021	Shot Blasting Dust Collector - Pangborn - Side	90	90	90	O	S	U
SSV022	Zinc Coating Dust Collector - Praxair - Side	90	90	90	O	S	U
SSV023	Zinc Coating Dust Collector - Praxair - Cartridges	96	96	96	O	S	U
SSV024	Zinc Coating Dust Collector - Praxair - Side	90	90	90	O	S	U

Note 1: If a source has tonal characteristics, the tonal penalty is not included in the Sound Power Level
Note 2: Sound Power Levels do not include time weighting

NOISE SOURCE SUMMARY TABLE NOMENCLATURE

Source Location
O - located/installed outside the building, including on the roof
I - located/installed inside the building

Sound Characteristics
S - Steady
Q - Quasi Steady Impulsive
I - Impulsive
B - Buzzing
C - Cyclic

Noise Control Measures
S - Silencer, Acoustic Louver, Muffler
A - Acoustic Lining, Plenum
B - Barrier, Berm, Screening
L - Lagging
E - Acoustic Enclosure
O - Other
U - Uncontrolled

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
SSP001	634	14	14	14	605	14	14	749	1	1	1	720	1	1	857	0	0	0	828
SSP002	635	30	—	—	606	31	—	750	16	—	—	721	16	—	856	14	—	—	827
SSP003	653	13	13	13	624	14	14	722	0	0	0	693	0	0	841	0	0	0	812
SSP004	648	13	13	13	619	14	14	732	0	0	0	703	0	0	844	0	0	0	815
SSP005	646	13	13	13	617	14	14	737	0	0	0	708	0	0	845	0	0	0	817
SSP006	645	13	13	13	616	14	14	740	0	0	0	710	0	0	846	0	0	0	817
SSP007	643	13	13	13	614	14	14	746	0	0	0	716	0	0	848	0	0	0	819
SSP008	672	20	20	20	643	20	20	695	20	20	20	666	20	20	826	23	23	23	798
SSP009	642	14	14	14	612	14	14	761	6	6	6	732	6	6	850	10	10	10	821
SSP010	658	18	20	20	629	18	20	749	9	11	11	719	9	10	834	13	15	15	805
SSP011	655	15	—	—	625	16	—	758	11	—	—	729	10	—	839	11	—	—	810
SSP012	689	1	1	1	661	2	2	681	18	18	18	652	16	16	807	16	16	16	779
SSP013	722	0	0	0	693	0	0	653	18	18	18	624	17	17	773	17	17	17	745
SSP014	685	13	13	13	655	13	13	768	11	11	11	738	11	11	819	11	11	11	790
SSP015	697	12	12	12	667	13	13	760	11	11	11	730	12	12	808	11	11	11	778
SSP016	766	11	11	11	738	12	12	595	3	3	3	567	2	2	744	0	0	0	717
SSP017	764	2	2	2	736	3	3	598	0	0	0	569	0	0	744	0	0	0	717
SSP018	764	1	1	1	736	3	3	600	0	0	0	571	0	0	743	0	0	0	716
SSP019	763	11	11	11	735	12	12	600	0	0	0	571	0	0	743	0	0	0	716
SSP020	780	2	2	2	752	2	2	583	10	10	10	554	8	8	729	8	8	8	702
SSP021	795	0	0	0	767	0	0	570	4	4	4	541	1	1	712	1	1	1	684
SSP022	804	7	7	7	776	5	5	560	16	16	16	531	14	14	705	14	14	14	678
SSP023	810	7	7	7	782	5	5	556	17	17	17	527	14	14	696	15	15	15	669
SSP024	740	0	0	0	711	0	0	639	18	18	18	609	17	17	755	17	17	17	727
SSP025	756	0	0	0	727	0	0	625	19	19	19	596	17	17	738	17	17	17	710
SSP026	772	0	0	0	743	0	0	613	19	19	19	583	18	18	722	18	18	18	694
SSP027	751	0	0	0	721	0	0	671	4	4	4	641	4	4	742	0	0	0	713
SSP028	755	14	—	—	726	14	—	676	14	—	—	646	14	—	739	16	—	—	709
SSP029	748	0	0	0	718	0	0	684	3	3	3	654	3	3	747	5	5	5	717
SSP030	743	0	0	0	713	0	0	709	12	12	12	679	12	12	757	12	12	12	727
SSP031	741	0	0	0	711	0	0	728	12	12	12	698	12	12	765	9	9	9	735
SSP032	730	12	12	12	700	12	12	748	0	0	0	718	0	0	781	0	0	0	751
SSP033	743	12	—	—	713	12	—	756	11	—	—	726	10	—	777	6	—	—	747
SSP034	816	1	1	1	787	0	0	590	5	5	5	560	5	5	675	1	1	1	647
SSP035	811	6	6	6	781	6	6	611	14	14	14	581	11	11	680	13	13	13	651
SSP036	810	0	0	0	780	1	1	621	8	8	8	591	6	6	682	7	7	7	653
SSP037	807	9	—	—	777	7	—	661	4	—	—	631	4	—	694	3	—	—	665
SSP038	805	—	15	15	775	—	16	701	—	8	8	671	—	8	711	—	4	4	681
SSP039	805	13	—	—	775	14	—	706	9	—	—	676	9	—	713	4	—	—	683
SSP040	837	25	25	25	807	23	23	582	36	36	36	552	35	35	654	36	36	36	625
SSP041	835	0	0	0	805	1	1	594	8	8	8	564	5	5	657	3	3	3	628
SSP042	846	3	3	3	817	2	2	570	16	16	16	540	14	14	645	16	16	16	616
SSP043	857	0	0	0	828	0	0	553	11	11	11	523	9	9	634	10	10	10	606
SSP044	850	0	0	0	820	0	0	585	8	8	8	555	5	5	642	3	3	3	613
SSP045	840	2	2	2	810	2	2	642	0	0	0	612	0	0	663	0	0	0	633
SSP046	857	0	0	0	828	0	0	590	8	8	8	560	7	7	636	3	3	3	607
SSP047	874	6	6	6	845	5	5	541	23	23	23	511	22	22	617	22	22	22	588
SSP048	880	0	0	0	851	0	0	538	6	6	6	508	6	6	611	6	6	6	583
SSP049	885	0	0	0	856	0	0	535	15	15	15	505	13	13	606	14	14	14	577

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
SSP050	895	11	11	11	865	8	8	531	22	22	22	501	19	19	596	21	21	21	568
SSP051	890	7	7	7	860	7	7	571	16	16	16	541	14	14	604	16	16	16	575
SSP052	888	7	7	7	858	7	7	579	16	16	16	549	14	14	608	16	16	16	578
SSP053	865	12	—	—	835	12	—	604	17	—	—	574	17	—	632	29	—	—	603
SSP054	888	2	2	2	859	2	2	601	0	0	0	571	0	0	613	0	0	0	583
SSP055	885	2	2	2	855	2	2	627	0	0	0	598	0	0	625	0	0	0	595
SSP056	883	2	2	2	853	2	2	663	0	0	0	633	0	0	642	0	0	0	612
SSP057	919	1	1	1	890	0	0	537	18	18	18	508	16	16	573	17	17	17	544
SSP058	929	10	10	10	900	8	8	525	23	23	23	495	21	21	563	22	22	22	534
SSP059	932	10	10	10	902	8	8	523	23	23	23	494	21	21	560	22	22	22	531
SSP060	921	0	0	0	892	0	0	544	16	16	16	514	14	14	572	15	15	15	543
SSP061	923	0	0	0	893	0	0	543	16	16	16	514	14	14	571	15	15	15	542
SSP062	924	0	0	0	895	0	0	542	16	16	16	513	14	14	569	15	15	15	540
SSP063	926	0	0	0	896	0	0	542	16	16	16	512	14	14	568	15	15	15	539
SSP064	927	0	0	0	897	0	0	541	16	16	16	511	14	14	567	15	15	15	537
SSP065	926	0	0	0	896	0	0	547	0	0	0	518	0	0	569	0	0	0	540
SSP066	936	0	0	0	907	0	0	542	0	0	0	512	0	0	559	0	0	0	529
SSP067	948	8	8	8	919	6	6	501	18	18	18	471	16	16	543	17	17	17	514
SSP068	955	2	2	2	926	0	0	518	18	18	18	488	14	14	538	18	18	18	509
SSP069	951	7	—	—	921	6	—	541	5	—	—	512	6	—	547	5	—	—	517
SSP070	992	0	—	—	963	0	—	479	28	—	—	449	28	—	499	28	—	—	470
SSP071	911	2	2	2	881	1	1	580	11	11	11	550	7	7	589	10	10	10	559
SSP072	908	2	2	2	878	2	2	670	0	0	0	640	0	0	629	0	0	0	599
SSP073	930	0	0	0	900	0	0	598	8	8	8	568	6	6	581	8	8	8	551
SSP074	928	0	0	0	898	0	0	630	7	7	7	601	6	6	596	8	8	8	566
SSP075	942	0	0	0	912	0	0	597	10	10	10	567	7	7	572	10	10	10	542
SSP076	951	0	0	0	921	0	0	570	11	11	11	541	7	7	555	11	11	11	525
SSP077	942	0	0	0	912	0	0	648	0	0	0	619	0	0	597	0	0	0	567
SSP078	961	0	0	0	931	0	0	601	16	16	16	572	11	11	560	16	16	16	530
SSP079	968	0	0	0	938	0	0	622	16	16	16	594	13	13	565	16	16	16	535
SSP080	982	0	0	0	952	0	0	561	10	10	10	532	7	7	528	11	11	11	498
SSP081	981	0	0	0	951	0	0	575	11	11	11	547	7	7	535	11	11	11	505
SSP082	980	9	9	9	950	10	10	601	41	41	41	573	40	40	547	41	41	41	517
SSP083	980	16	16	16	950	17	17	604	47	47	47	575	45	45	548	48	48	48	518
SSP084	861	14	—	—	831	15	—	803	9	—	—	774	8	—	741	22	—	—	711
SSP085	919	21	—	—	889	22	—	767	21	—	—	738	20	—	685	25	—	—	656
SSP086	973	0	0	0	943	0	0	513	2	2	2	484	1	1	522	2	2	2	492
SSP087	974	0	0	0	945	0	0	507	2	2	2	478	1	1	519	2	2	2	490
SSL001	379 / 831	34	32	32	350 / 801	34	32	721 / 983	30	28	28	691 / 955	29	27	704 / 1113	27	25	25	674 / 1084
SSL002	468 / 709	32	—	—	439 / 682	32	—	645 / 1080	30	—	—	617 / 1050	30	—	818 / 1113	28	—	—	791 / 1083
SSL003	557 / 670	29	0	0	529 / 641	30	0	700 / 898	29	0	0	673 / 868	27	0	824 / 937	26	0	0	794 / 909
SSL004	669 / 912	25	0	0	639 / 882	26	0	700 / 789	21	0	0	671 / 759	20	0	649 / 839	22	0	0	619 / 809
SSL005	626 / 674	29	0	0	597 / 644	29	0	741 / 792	21	0	0	712 / 762	21	0	820 / 865	22	0	0	791 / 836
SSL006	623 / 868	12	—	—	594 / 840	12	—	495 / 795	16	0	0	466 / 765	15	0	647 / 868	15	—	—	618 / 839
SSL007	625 / 867	12	—	—	595 / 839	12	—	496 / 793	16	0	0	467 / 763	15	0	650 / 866	15	—	—	624 / 837
SSL008	653 / 876	23	0	0	623 / 846	24	0	712 / 932	20	0	0	683 / 902	20	0	675 / 906	24	0	0	645 / 876
SSL009	680 / 1004	14	—	—	652 / 974	13	—	471 / 685	28	0	0	441 / 657	27	0	492 / 819	28	0	0	463 / 791
SSL010	812 / 969	1	—	—	783 / 939	0	—	476 / 580	17	0	0	446 / 550	16	0	522 / 681	15	0	0	494 / 653
SSL011	748 / 844	—	22	22	718 / 814	—	23	665 / 750	—	21	21	636 / 720	—	21	671 / 770	—	16	16	641 / 740

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
SSL012	609 / 680	—	30	30	579 / 650	—	31	728 / 818	—	25	25	698 / 788	—	25	812 / 890	—	25	25	783 / 860
SSL013	877 / 960	—	15	15	847 / 930	—	15	665 / 763	—	11	11	637 / 734	—	10	595 / 703	—	22	22	565 / 673
SSL014	687 / 1043	—	12	12	659 / 1013	—	12	442 / 680	0	29	29	413 / 651	0	28	448 / 811	0	28	28	419 / 783
SSL015	106 / 831	32	0	0	104 / 801	32	0	721 / 1288	22	0	0	691 / 1262	20	0	704 / 1449	18	0	0	674 / 1421
SSL016	113 / 674	41	0	0	84 / 644	40	0	741 / 1288	27	0	0	712 / 1260	26	0	820 / 1403	24	0	0	791 / 1374
SSL017	621 / 1011	19	0	0	591 / 982	20	0	468 / 796	26	0	0	438 / 767	25	0	484 / 870	26	0	0	454 / 841
SSL018	623 / 1005	21	0	0	593 / 976	22	0	469 / 796	28	0	0	440 / 766	26	0	491 / 868	28	0	0	462 / 839
SSL019	979 / 982	0	0	0	949 / 952	0	0	600 / 602	19	19	19	572 / 573	17	17	545 / 548	19	19	19	515 / 518
SSL020	979 / 980	0	0	0	949 / 950	0	0	605 / 605	27	27	27	576 / 577	25	25	549 / 550	27	27	27	519 / 520
SSA001	974 / 1010	0	0	0	944 / 980	0	0	593 / 606	25	25	25	565 / 577	24	24	522 / 553	25	25	25	492 / 523
SSA002	961 / 996	0	0	0	931 / 966	0	0	599 / 612	25	25	25	571 / 583	24	24	535 / 566	25	25	25	505 / 536
SSA003	956 / 992	0	0	0	926 / 962	0	0	602 / 615	25	25	25	573 / 586	24	24	539 / 570	25	25	25	509 / 540
SSV001	664 / 664	14	14	14	635 / 636	15	15	702 / 703	1	1	1	673 / 674	1	1	833 / 834	4	4	4	805 / 806
SSV002	660 / 661	17	17	17	631 / 632	17	17	709 / 711	0	0	0	680 / 682	0	0	835 / 835	0	0	0	807 / 807
SSV003	658 / 658	14	14	14	629 / 630	15	15	714 / 714	0	0	0	684 / 685	0	0	836 / 836	0	0	0	808 / 808
SSV004	649 / 651	27	27	27	621 / 622	28	28	727 / 729	9	9	9	697 / 700	9	9	842 / 843	8	8	8	814 / 814
SSV005	644 / 645	27	27	27	615 / 616	28	28	741 / 743	9	9	9	711 / 714	9	9	846 / 847	7	7	7	818 / 818
SSV006	673 / 673	10	10	10	644 / 644	11	11	725 / 725	0	0	0	695 / 695	0	0	818 / 818	0	0	0	789 / 789
SSV007	670 / 670	27	27	27	640 / 640	28	28	728 / 728	8	8	8	698 / 698	9	9	822 / 822	7	7	7	793 / 793
SSV008	669 / 669	27	27	27	639 / 639	27	27	729 / 729	9	9	9	699 / 699	9	9	822 / 822	8	8	8	794 / 794
SSV009	767 / 767	0	0	0	738 / 738	0	0	617 / 617	14	14	14	587 / 587	13	13	727 / 727	13	13	13	699 / 699
SSV010	715 / 716	13	13	13	685 / 686	14	14	749 / 752	0	0	0	719 / 722	0	0	791 / 792	0	0	0	761 / 762
SSV011	749 / 750	2	2	2	720 / 720	2	2	673 / 676	6	6	6	643 / 646	6	6	743 / 744	4	4	4	713 / 714
SSV012	742 / 742	0	0	0	712 / 712	0	0	718 / 721	9	9	9	688 / 691	9	9	761 / 762	10	10	10	731 / 732
SSV013	741 / 741	0	0	0	711 / 711	0	0	733 / 735	11	11	11	703 / 705	10	10	767 / 769	6	6	6	738 / 739
SSV014	786 / 786	0	0	0	757 / 757	0	0	615 / 615	16	16	16	585 / 585	17	17	705 / 705	11	11	11	677 / 677
SSV015	927 / 931	0	0	0	897 / 901	0	0	508 / 510	19	24	24	478 / 480	17	22	560 / 564	18	23	23	531 / 535
SSV016	950 / 951	0	0	0	921 / 921	0	0	541 / 545	0	0	0	512 / 516	0	0	546 / 548	0	0	0	517 / 518
SSV017	979 / 980	0	—	—	949 / 950	0	—	481 / 485	24	—	—	451 / 455	25	—	512 / 513	24	—	—	483 / 484
SSV018	977 / 978	0	—	—	947 / 949	0	—	488 / 494	30	—	—	458 / 464	30	—	514 / 515	29	—	—	484 / 486
SSV019	980 / 982	0	0	0	950 / 952	0	0	600 / 601	27	27	27	571 / 572	25	25	545 / 547	27	27	27	515 / 517
SSV020	982 / 982	0	0	0	952 / 952	0	0	600 / 601	24	24	24	571 / 572	23	23	545 / 545	24	24	24	515 / 515
SSV021	980 / 982	0	0	0	950 / 952	0	0	601 / 602	16	16	16	573 / 573	14	14	546 / 547	20	20	20	516 / 517
SSV022	980 / 982	0	0	0	950 / 952	0	0	602 / 603	24	24	24	574 / 575	22	22	546 / 548	28	28	28	516 / 518
SSV023	982 / 982	2	2	2	952 / 952	2	2	603 / 605	32	32	32	574 / 577	30	30	546 / 548	33	33	33	516 / 518
SSV024	980 / 982	0	0	0	950 / 952	0	0	606 / 606	16	16	16	577 / 578	15	15	548 / 550	21	21	21	518 / 520

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
SSP001	0	0	568	0	0	0	551	0	0	556	8	8	8	528	14	14	585	14	14
SSP002	14	—	564	15	—	—	548	15	—	551	32	—	—	523	30	—	580	30	—
SSP003	0	0	564	0	0	0	547	0	0	574	0	0	0	547	0	0	605	0	0
SSP004	0	0	560	0	0	0	543	0	0	559	0	0	0	532	0	0	590	0	0
SSP005	0	0	558	0	0	0	541	0	0	553	1	1	1	526	1	1	583	0	0
SSP006	0	0	557	0	0	0	540	0	0	550	2	2	2	523	1	1	580	1	1
SSP007	0	0	555	0	0	0	538	0	0	542	5	5	5	515	4	4	572	3	3
SSP008	19	19	565	4	4	4	548	4	4	596	2	2	2	570	2	2	630	1	1
SSP009	9	9	545	8	8	8	528	7	7	516	16	16	16	487	14	14	544	15	15
SSP010	12	14	528	7	8	8	511	6	8	505	20	22	22	477	17	19	534	19	21
SSP011	10	—	528	7	—	—	511	6	—	496	18	—	—	468	16	—	525	16	—
SSP012	15	15	545	0	0	0	529	0	0	583	0	0	0	558	0	0	617	0	0
SSP013	15	15	513	0	0	0	497	0	0	566	0	0	0	542	0	0	603	0	0
SSP014	11	11	487	8	8	8	471	7	7	433	17	17	17	405	18	18	462	17	17
SSP015	11	11	475	8	8	8	459	7	7	426	18	18	18	398	18	18	456	17	17
SSP016	0	0	520	0	0	0	504	0	0	617	0	0	0	595	0	0	657	0	0
SSP017	0	0	518	0	0	0	503	0	0	613	0	0	0	591	0	0	653	0	0
SSP018	0	0	514	0	0	0	498	0	0	607	0	0	0	585	0	0	647	0	0
SSP019	0	0	513	0	0	0	497	0	0	605	0	0	0	584	0	0	646	0	0
SSP020	6	6	507	7	7	7	491	6	6	610	4	4	4	589	1	1	651	1	1
SSP021	0	0	490	0	0	0	475	0	0	602	0	0	0	581	0	0	644	0	0
SSP022	12	12	489	13	13	13	474	13	13	608	10	10	10	588	6	6	650	6	6
SSP023	12	12	479	13	13	13	464	13	13	599	10	10	10	580	6	6	643	6	6
SSP024	16	16	496	0	0	0	479	0	0	557	0	0	0	534	0	0	596	0	0
SSP025	16	16	480	0	0	0	463	0	0	550	0	0	0	528	0	0	589	0	0
SSP026	16	16	465	0	0	0	449	0	0	543	0	0	0	522	0	0	584	0	0
SSP027	0	0	443	1	1	1	426	1	1	471	17	17	17	448	17	17	509	16	16
SSP028	16	—	432	25	—	—	416	24	—	455	36	—	—	431	35	—	493	34	—
SSP029	5	5	439	7	7	7	422	6	6	455	17	17	17	431	17	17	492	16	16
SSP030	12	12	434	7	7	7	417	6	6	425	18	18	18	400	18	18	461	17	17
SSP031	8	8	432	7	7	7	415	6	6	404	18	18	18	379	19	19	439	17	17
SSP032	0	0	442	8	8	8	425	7	7	396	18	18	18	369	19	19	428	18	18
SSP033	6	—	428	12	—	—	412	11	—	370	20	—	—	343	19	—	402	18	—
SSP034	1	1	409	5	5	5	393	5	5	505	2	2	2	485	3	3	548	2	2
SSP035	8	8	397	10	10	10	381	9	9	476	16	16	16	456	12	12	519	10	10
SSP036	2	2	391	3	3	3	374	2	2	461	10	10	10	441	6	6	504	8	8
SSP037	3	—	373	8	—	—	356	9	—	407	25	—	—	386	25	—	448	24	—
SSP038	—	4	367	—	8	8	350	—	8	359	—	25	25	337	—	24	399	—	23
SSP039	4	—	366	8	—	—	349	8	—	353	22	—	—	330	21	—	392	20	—
SSP040	34	34	382	28	28	28	366	28	28	486	26	26	26	468	25	25	531	24	24
SSP041	3	3	374	5	5	5	358	4	4	468	10	10	10	450	6	6	513	6	6
SSP042	13	13	380	12	12	12	363	11	11	493	9	9	9	476	7	7	539	8	8
SSP043	8	8	379	1	1	1	364	1	1	507	0	0	0	490	0	0	553	0	0
SSP044	3	3	359	6	6	6	343	4	4	463	10	10	10	446	6	6	509	6	6
SSP045	0	0	339	0	0	0	323	0	0	394	14	14	14	375	10	10	438	8	8
SSP046	3	3	345	6	6	6	328	5	5	447	11	11	11	430	6	6	493	8	8
SSP047	21	21	363	13	13	13	348	13	13	502	5	5	5	487	6	6	550	7	7
SSP048	4	4	359	0	0	0	343	0	0	501	0	0	0	486	0	0	549	0	0
SSP049	12	12	353	0	0	0	337	0	0	498	0	0	0	483	0	0	546	0	0

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
SSP050	18	18	342	21	21	21	326	22	22	493	7	7	7	479	6	6	542	6	6
SSP051	13	13	314	22	22	22	298	20	20	439	7	7	7	425	8	8	487	8	8
SSP052	13	13	310	19	19	19	294	18	18	429	7	7	7	414	9	9	477	8	8
SSP053	28	—	325	20	—	—	309	21	—	418	34	—	—	401	36	—	464	34	—
SSP054	0	0	298	0	0	0	281	0	0	399	0	0	0	385	0	0	448	0	0
SSP055	0	0	291	0	0	0	274	0	0	369	0	0	0	354	1	1	417	0	0
SSP056	0	0	288	0	0	0	271	0	0	329	4	4	4	313	5	5	376	3	3
SSP057	15	15	299	19	19	19	284	19	19	458	4	4	4	445	4	4	508	3	3
SSP058	20	20	296	24	24	24	281	24	24	466	10	10	10	454	10	10	517	10	10
SSP059	20	20	294	24	24	24	278	24	24	465	10	10	10	454	10	10	516	10	10
SSP060	14	14	291	21	21	21	275	17	17	446	3	3	3	434	2	2	496	2	2
SSP061	14	14	290	21	21	21	274	17	17	446	3	3	3	434	2	2	496	2	2
SSP062	14	14	288	21	21	21	272	17	17	446	3	3	3	434	2	2	496	3	3
SSP063	14	14	287	22	22	22	271	17	17	446	3	3	3	434	3	3	496	3	3
SSP064	14	14	286	22	22	22	270	17	17	446	3	3	3	434	3	3	496	3	3
SSP065	0	0	283	6	6	6	267	5	5	438	0	0	0	426	0	0	489	0	0
SSP066	0	0	273	0	0	0	257	0	0	437	0	0	0	426	0	0	488	0	0
SSP067	15	15	292	23	23	23	277	20	20	483	13	13	13	472	7	7	534	7	7
SSP068	14	14	267	24	24	24	252	20	20	455	12	12	12	445	12	12	507	12	12
SSP069	6	—	255	14	—	—	239	14	—	428	13	—	—	418	13	—	480	13	—
SSP070	28	—	255	36	—	—	241	36	—	480	10	—	—	473	10	—	534	9	—
SSP071	7	7	280	10	10	10	264	9	9	407	0	0	0	394	0	0	457	0	0
SSP072	0	0	263	13	13	13	246	11	11	303	16	16	16	289	14	14	352	12	12
SSP073	7	7	250	16	16	16	233	16	16	372	9	9	9	361	8	8	423	7	7
SSP074	6	6	244	16	16	16	227	16	16	335	13	13	13	324	12	12	386	11	11
SSP075	7	7	236	18	18	18	220	16	16	366	14	14	14	356	12	12	417	10	10
SSP076	8	8	237	3	3	3	221	2	2	392	0	0	0	382	0	0	444	0	0
SSP077	0	0	229	13	13	13	213	10	10	307	16	16	16	297	13	13	359	11	11
SSP078	14	14	214	21	21	21	197	22	22	351	16	16	16	343	16	16	404	15	15
SSP079	14	14	203	26	26	26	186	24	24	324	22	22	22	317	19	19	377	18	18
SSP080	8	8	205	19	19	19	189	17	17	387	6	6	6	380	0	0	441	0	0
SSP081	8	8	200	20	20	20	184	18	18	371	7	7	7	364	0	0	425	0	0
SSP082	40	40	193	52	52	52	176	51	51	342	41	41	41	336	33	33	396	35	35
SSP083	45	45	193	58	58	58	176	56	56	340	48	48	48	334	39	39	394	41	41
SSP084	21	—	347	25	—	—	333	30	—	205	30	—	—	181	27	—	243	27	—
SSP085	24	—	287	30	—	—	274	30	—	194	33	—	—	180	33	—	243	31	—
SSP086	0	0	247	3	3	3	232	3	3	448	0	0	0	440	0	0	501	0	0
SSP087	0	0	251	5	5	5	236	4	4	455	0	0	0	447	0	0	508	0	0
SSL001	26	24	341 / 844	31	29	29	325 / 828	30	28	310 / 869	34	32	32	288 / 841	33	32	351 / 896	33	31
SSL002	27	—	568 / 744	32	—	—	551 / 728	31	—	420 / 720	32	—	—	386 / 695	32	—	417 / 754	31	—
SSL003	24	0	508 / 662	29	0	0	492 / 646	28	0	371 / 716	32	0	0	338 / 690	31	0	383 / 749	30	0
SSL004	21	0	268 / 507	35	0	0	252 / 490	34	0	247 / 483	34	0	0	233 / 456	33	0	296 / 514	32	0
SSL005	21	0	504 / 571	21	0	0	488 / 554	20	0	433 / 561	31	0	0	404 / 534	31	0	459 / 591	31	0
SSL006	14	—	324 / 580	10	—	—	307 / 564	9	—	366 / 625	17	0	0	345 / 608	16	0	404 / 671	16	0
SSL007	14	—	406 / 579	9	—	—	389 / 562	8	—	373 / 626	16	0	0	347 / 609	15	0	406 / 672	15	—
SSL008	23	0	300 / 536	34	0	0	284 / 520	33	0	148 / 425	34	0	0	116 / 396	33	0	168 / 451	32	0
SSL009	27	0	201 / 561	34	0	0	185 / 544	33	0	406 / 598	22	0	0	396 / 573	16	—	458 / 633	19	0
SSL010	15	—	290 / 462	8	—	—	276 / 448	8	—	491 / 624	2	—	—	479 / 607	0	—	542 / 670	1	—
SSL011	—	16	328 / 422	—	27	27	311 / 406	—	26	316 / 383	—	32	32	295 / 360	—	32	358 / 422	—	30

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
SSL012	—	24	506 / 576	—	23	23	489 / 559	—	22	443 / 541	—	33	33	415 / 512	—	32	471 / 567	—	32
SSL013	—	21	214 / 314	—	32	32	198 / 299	—	32	210 / 297	—	28	28	195 / 281	—	27	258 / 344	—	26
SSL014	0	27	223 / 552	0	32	32	210 / 536	0	31	470 / 592	—	21	21	463 / 566	—	15	523 / 626	—	17
SSL015	18	0	341 / 1150	24	0	0	325 / 1133	23	0	310 / 1013	27	0	0	288 / 979	26	0	351 / 1014	26	0
SSL016	23	0	504 / 1070	25	0	0	488 / 1054	24	0	433 / 903	31	0	0	404 / 869	30	0	459 / 907	30	0
SSL017	25	0	184 / 581	33	0	0	168 / 565	32	0	263 / 610	28	0	0	251 / 584	26	0	313 / 643	25	0
SSL018	26	0	185 / 583	35	0	0	169 / 567	34	0	263 / 612	30	0	0	251 / 586	28	0	313 / 644	27	0
SSL019	17	17	191 / 194	29	29	29	175 / 178	28	28	342 / 343	22	22	22	336 / 337	11	11	396 / 397	13	13
SSL020	26	26	193 / 194	38	38	38	176 / 177	37	37	338 / 339	26	26	26	332 / 332	18	18	393 / 393	19	19
SSA001	24	24	163 / 199	36	36	36	146 / 182	35	35	339 / 342	30	30	30	333 / 339	20	20	393 / 398	22	22
SSA002	24	24	176 / 212	36	36	36	160 / 195	35	35	338 / 340	30	30	30	330 / 335	20	20	391 / 394	22	22
SSA003	24	24	180 / 216	36	36	36	164 / 199	35	35	337 / 338	30	30	30	329 / 333	20	20	390 / 393	22	22
SSV001	3	3	569 / 570	0	0	0	553 / 553	0	0	595 / 597	0	0	0	569 / 571	0	0	628 / 630	0	0
SSV002	0	0	565 / 566	0	0	0	549 / 550	0	0	584 / 587	0	0	0	558 / 561	0	0	617 / 619	0	0
SSV003	0	0	564 / 564	0	0	0	547 / 547	0	0	579 / 580	0	0	0	553 / 554	0	0	612 / 612	0	0
SSV004	8	8	561 / 562	10	10	10	544 / 545	10	10	564 / 567	12	12	12	537 / 540	12	12	595 / 598	11	11
SSV005	7	7	556 / 557	10	10	10	539 / 540	11	11	545 / 549	13	13	13	518 / 521	14	14	575 / 579	13	13
SSV006	0	0	522 / 522	3	3	3	505 / 505	2	2	518 / 518	12	12	12	491 / 491	10	10	549 / 549	10	10
SSV007	8	8	525 / 525	21	21	21	509 / 509	21	21	520 / 520	28	28	28	493 / 493	28	28	551 / 551	28	28
SSV008	8	8	526 / 526	18	18	18	510 / 510	18	18	520 / 520	25	25	25	494 / 494	25	25	552 / 552	25	25
SSV009	12	12	470 / 470	0	0	0	453 / 453	0	0	545 / 545	0	0	0	524 / 524	0	0	586 / 586	0	0
SSV010	0	0	457 / 457	0	0	0	440 / 440	0	0	411 / 413	7	7	7	384 / 386	7	7	442 / 445	6	6
SSV011	4	4	441 / 442	9	9	9	424 / 425	9	9	465 / 469	27	27	27	442 / 445	27	27	503 / 507	26	26
SSV012	8	8	432 / 433	5	5	5	416 / 416	5	5	412 / 416	20	20	20	387 / 391	19	19	447 / 451	19	19
SSV013	5	5	431 / 431	6	6	6	415 / 415	5	5	396 / 399	20	20	20	371 / 373	20	20	430 / 433	19	19
SSV014	11	11	435 / 435	6	6	6	418 / 418	6	6	510 / 510	3	3	3	489 / 489	2	2	552 / 552	1	1
SSV015	16	21	311 / 314	4	9	9	296 / 299	4	9	489 / 490	0	1	1	477 / 477	0	1	540 / 540	0	0
SSV016	0	0	252 / 254	11	11	11	236 / 238	11	11	422 / 427	2	2	2	412 / 417	4	4	474 / 479	3	3
SSV017	24	—	267 / 270	32	—	—	252 / 255	32	—	481 / 486	0	—	—	473 / 478	0	—	534 / 539	0	—
SSV018	29	—	261 / 265	37	—	—	246 / 250	38	—	471 / 478	6	—	—	463 / 470	5	—	524 / 531	4	—
SSV019	25	25	192 / 194	33	33	33	175 / 177	33	33	343 / 343	16	16	16	337 / 337	9	9	397 / 398	8	8
SSV020	23	23	191 / 191	35	35	35	174 / 175	34	34	342 / 343	24	24	24	336 / 337	15	15	396 / 397	19	19
SSV021	18	18	191 / 193	37	37	37	175 / 177	36	36	342 / 342	21	21	21	335 / 336	9	9	396 / 396	14	14
SSV022	26	26	191 / 193	34	34	34	174 / 176	34	34	340 / 340	18	18	18	334 / 334	10	10	394 / 395	12	12
SSV023	30	30	191 / 191	43	43	43	174 / 174	41	41	337 / 340	35	35	35	331 / 334	25	25	391 / 394	29	29
SSV024	19	19	191 / 193	38	38	38	174 / 176	37	37	337 / 337	33	33	33	331 / 331	22	22	391 / 391	25	25

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
SSP001	14	557	15	15	651	14	14	14	616	14	14	1163	7	7	7	1144	7	7
SSP002	—	551	31	—	645	30	—	—	611	30	—	1159	24	—	—	1140	23	—
SSP003	0	578	0	0	673	0	0	0	639	0	0	1195	12	12	12	1176	10	10
SSP004	0	562	0	0	657	1	1	1	623	0	0	1178	12	12	12	1159	10	10
SSP005	0	556	1	1	650	2	2	2	616	1	1	1171	12	12	12	1151	10	10
SSP006	1	552	2	2	647	3	3	3	612	2	2	1167	12	12	12	1148	10	10
SSP007	3	544	4	4	638	6	6	6	603	5	5	1158	12	12	12	1138	10	10
SSP008	1	604	1	1	700	1	1	1	667	0	0	1230	0	0	0	1211	0	0
SSP009	15	515	16	16	609	14	14	14	574	15	15	1130	8	8	8	1111	7	7
SSP010	21	506	17	19	601	19	21	21	567	19	21	1135	11	13	13	1116	11	13
SSP011	—	497	17	—	591	17	—	—	556	16	—	1122	10	—	—	1103	8	—
SSP012	0	593	0	0	689	0	0	0	657	0	0	1232	0	0	0	1213	0	0
SSP013	0	580	0	0	678	0	0	0	647	0	0	1242	0	0	0	1223	0	0
SSP014	17	434	17	17	529	22	22	22	495	16	16	1086	13	13	13	1067	11	11
SSP015	17	428	17	17	524	22	22	22	491	16	16	1090	13	13	13	1071	11	11
SSP016	0	637	0	0	736	0	0	0	707	0	0	1313	5	5	5	1294	5	5
SSP017	0	633	0	0	732	0	0	0	703	0	0	1309	0	0	0	1290	0	0
SSP018	0	627	0	0	726	0	0	0	697	0	0	1304	0	0	0	1285	0	0
SSP019	0	625	0	0	724	0	0	0	696	0	0	1303	5	5	5	1284	5	5
SSP020	1	632	0	0	731	3	3	3	704	0	0	1317	0	0	0	1298	0	0
SSP021	0	625	0	0	725	0	0	0	698	0	0	1321	0	0	0	1302	0	0
SSP022	6	632	5	5	732	9	9	9	706	5	5	1331	2	2	2	1312	2	2
SSP023	6	625	5	5	725	9	9	9	699	5	5	1329	3	3	3	1310	2	2
SSP024	0	574	0	0	672	0	0	0	643	0	0	1248	0	0	0	1229	0	0
SSP025	0	568	0	0	668	0	0	0	639	0	0	1254	0	0	0	1235	0	0
SSP026	0	564	0	0	663	0	0	0	636	0	0	1259	0	0	0	1240	0	0
SSP027	16	487	16	16	586	20	20	20	557	15	15	1182	0	0	0	1163	0	0
SSP028	—	471	33	—	570	34	—	—	541	33	—	1171	19	—	—	1152	19	—
SSP029	16	470	16	16	568	21	21	21	539	15	15	1165	0	0	0	1146	0	0
SSP030	17	437	17	17	535	21	21	21	505	16	16	1133	0	0	0	1114	0	0
SSP031	17	415	18	18	512	22	22	22	482	16	16	1111	0	0	0	1092	0	0
SSP032	18	402	18	18	499	22	22	22	468	17	17	1091	13	13	13	1072	11	11
SSP033	—	377	18	—	474	17	—	—	443	17	—	1076	8	—	—	1057	8	—
SSP034	2	531	2	2	631	0	0	0	606	1	1	1258	0	0	0	1239	0	0
SSP035	10	502	11	11	602	14	14	14	576	9	9	1231	7	7	7	1212	3	3
SSP036	8	487	5	5	587	9	9	9	561	4	4	1218	1	1	1	1199	0	0
SSP037	—	430	24	—	530	22	—	—	505	22	—	1168	12	—	—	1150	12	—
SSP038	23	380	—	23	480	—	21	21	454	—	22	1123	—	11	11	1105	—	11
SSP039	—	373	20	—	473	19	—	—	447	18	—	1117	10	—	—	1099	9	—
SSP040	24	515	24	24	616	24	24	24	592	23	23	1256	20	20	20	1237	20	20
SSP041	6	498	5	5	598	9	9	9	574	4	4	1241	1	1	1	1222	0	0
SSP042	8	524	6	6	624	8	8	8	601	5	5	1268	3	3	3	1249	3	3
SSP043	0	540	0	0	640	0	0	0	617	0	0	1286	0	0	0	1268	0	0
SSP044	6	495	5	5	595	9	9	9	573	4	4	1247	1	1	1	1228	0	0
SSP045	8	423	9	9	523	12	12	12	500	7	7	1182	4	4	4	1163	0	0
SSP046	8	479	5	5	580	9	9	9	557	4	4	1238	1	1	1	1219	0	0
SSP047	7	537	5	5	637	6	6	6	616	4	4	1293	1	1	1	1274	1	1
SSP048	0	537	0	0	637	0	0	0	616	0	0	1295	0	0	0	1277	0	0
SSP049	0	535	0	0	635	0	0	0	614	0	0	1296	0	0	0	1278	0	0

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
SSP050	6	531	8	8	631	11	11	11	611	8	8	1298	8	8	8	1279	8	8
SSP051	8	477	13	13	577	14	14	14	557	14	14	1252	9	9	9	1233	5	5
SSP052	8	467	13	13	566	14	14	14	547	14	14	1243	9	9	9	1224	5	5
SSP053	—	452	34	—	552	34	—	—	530	33	—	1219	17	—	—	1201	17	—
SSP054	0	437	4	4	537	4	4	4	517	8	8	1219	4	4	4	1200	0	0
SSP055	0	406	5	5	506	6	6	6	486	9	9	1192	4	4	4	1173	0	0
SSP056	3	365	7	7	465	7	7	7	445	9	9	1156	4	4	4	1138	0	0
SSP057	3	499	3	3	599	4	4	4	581	4	4	1284	4	4	4	1266	3	3
SSP058	10	509	9	9	608	10	10	10	591	9	9	1296	14	14	14	1278	11	11
SSP059	10	509	9	9	608	10	10	10	591	9	9	1297	14	14	14	1279	11	11
SSP060	2	488	2	2	587	2	2	2	570	2	2	1276	1	1	1	1258	1	1
SSP061	2	489	2	2	588	2	2	2	570	2	2	1277	1	1	1	1258	1	1
SSP062	3	489	2	2	588	2	2	2	570	2	2	1278	0	0	0	1259	0	0
SSP063	3	489	2	2	588	2	2	2	570	2	2	1278	0	0	0	1260	0	0
SSP064	3	489	2	2	588	3	3	3	571	2	2	1279	0	0	0	1261	0	0
SSP065	0	481	0	0	580	0	0	0	563	0	0	1272	0	0	0	1254	0	0
SSP066	0	482	0	0	580	0	0	0	564	0	0	1277	0	0	0	1259	0	0
SSP067	7	528	7	7	626	8	8	8	610	8	8	1319	4	4	4	1301	4	4
SSP068	12	502	5	5	600	9	9	9	584	4	4	1301	2	2	2	1283	2	2
SSP069	—	475	10	—	572	10	—	—	557	9	—	1278	4	—	—	1259	4	—
SSP070	—	531	9	—	628	9	—	—	615	9	—	1340	0	—	—	1322	0	—
SSP071	0	449	0	0	548	0	0	0	530	0	0	1239	0	0	0	1221	0	0
SSP072	12	344	12	12	443	13	13	13	426	10	10	1151	4	4	4	1133	0	0
SSP073	7	417	7	7	515	5	5	5	499	5	5	1221	1	1	1	1203	0	0
SSP074	11	380	11	11	478	10	10	10	463	9	9	1190	1	1	1	1172	0	0
SSP075	10	413	9	9	510	12	12	12	496	7	7	1223	0	0	0	1205	0	0
SSP076	0	439	0	0	537	0	0	0	523	0	0	1249	0	0	0	1231	0	0
SSP077	11	355	12	12	452	13	13	13	438	10	10	1175	4	4	4	1157	0	0
SSP078	15	401	15	15	498	18	18	18	485	13	13	1222	3	3	3	1204	3	3
SSP079	18	376	18	18	472	18	18	18	460	16	16	1203	9	9	9	1186	5	5
SSP080	0	440	0	0	535	0	0	0	524	0	0	1262	0	0	0	1244	0	0
SSP081	0	424	0	0	519	0	0	0	508	0	0	1248	0	0	0	1230	0	0
SSP082	35	396	29	29	491	32	32	32	480	26	26	1224	6	6	6	1207	7	7
SSP083	41	394	35	35	489	40	40	40	478	32	32	1222	14	14	14	1205	14	14
SSP084	—	225	27	—	325	26	—	—	302	26	—	1018	12	—	—	1000	12	—
SSP085	—	235	32	—	334	32	—	—	318	30	—	1062	20	—	—	1045	18	—
SSP086	0	497	0	0	595	0	0	0	581	0	0	1305	0	0	0	1287	0	0
SSP087	0	504	0	0	602	0	0	0	588	0	0	1311	0	0	0	1293	0	0
SSL001	31	333 / 865	33	31	433 / 956	32	30	30	409 / 918	32	30	1046 / 1355	28	26	26	1026 / 1336	27	25
SSL002	—	376 / 728	31	—	439 / 824	31	—	—	395 / 790	32	—	813 / 1325	26	—	—	794 / 1306	25	—
SSL003	0	347 / 722	30	0	430 / 818	30	0	0	391 / 784	30	0	943 / 1313	24	0	0	924 / 1294	22	0
SSL004	0	288 / 486	32	0	387 / 582	31	0	0	370 / 548	30	0	1068 / 1129	22	0	0	1049 / 1110	21	0
SSL005	0	429 / 562	30	0	522 / 656	30	0	0	487 / 621	30	0	1065 / 1167	23	0	0	1046 / 1148	22	0
SSL006	0	378 / 657	15	0	476 / 757	14	—	—	445 / 734	15	—	1062 / 1383	7	—	—	1043 / 1364	6	—
SSL007	—	381 / 658	14	—	478 / 758	14	—	—	447 / 735	14	—	1063 / 1383	6	—	—	1044 / 1364	6	—
SSL008	0	140 / 421	32	0	238 / 513	32	0	0	209 / 478	32	0	887 / 1107	21	0	0	869 / 1088	20	0
SSL009	0	453 / 607	13	—	551 / 704	15	—	—	536 / 671	12	—	1238 / 1348	7	—	—	1219 / 1330	7	—
SSL010	—	534 / 656	0	—	633 / 756	2	—	—	615 / 733	0	—	1278 / 1382	0	—	—	1259 / 1363	0	—
SSL011	30	340 / 402	—	31	440 / 502	—	29	29	416 / 475	—	29	1081 / 1156	—	20	20	1063 / 1137	—	20

Table SS1: Point of Reception Predicted Sound Levels - Normal Operations (Stationary Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
SSL012	32	441 / 537	—	32	534 / 629	—	32	32	500 / 593	—	32	1067 / 1149	—	25	25	1048 / 1130	—	24
SSL013	26	250 / 333	—	26	349 / 433	—	24	24	332 / 416	—	24	1059 / 1163	—	13	13	1041 / 1145	—	12
SSL014	17	521 / 601	—	13	618 / 698	—	14	14	605 / 666	—	12	1238 / 1379	—	8	8	1218 / 1361	—	8
SSL015	0	333 / 972	26	0	433 / 1032	25	0	0	409 / 987	25	0	1046 / 1137	22	0	0	1026 / 1118	20	0
SSL016	0	429 / 866	30	0	522 / 932	30	0	0	487 / 887	30	0	940 / 1142	27	0	0	923 / 1123	26	0
SSL017	0	307 / 617	24	0	405 / 713	24	0	0	390 / 680	23	0	1060 / 1351	15	0	0	1041 / 1333	14	0
SSL018	0	307 / 618	26	0	405 / 714	26	0	0	390 / 680	25	0	1061 / 1350	17	0	0	1042 / 1332	16	0
SSL019	13	396 / 397	7	7	491 / 492	11	11	11	480 / 481	4	4	1224 / 1226	0	0	0	1206 / 1208	0	0
SSL020	19	392 / 392	14	14	487 / 488	18	18	18	476 / 477	11	11	1221 / 1221	0	0	0	1203 / 1204	0	0
SSA001	22	393 / 401	15	15	488 / 494	19	19	19	477 / 485	12	12	1220 / 1239	0	0	0	1202 / 1221	0	0
SSA002	22	389 / 396	15	15	485 / 490	19	19	19	473 / 480	12	12	1211 / 1230	0	0	0	1193 / 1213	0	0
SSA003	22	387 / 394	15	15	484 / 488	20	20	20	471 / 478	12	12	1208 / 1227	0	0	0	1190 / 1209	0	0
SSV001	0	602 / 604	0	0	698 / 699	0	0	0	664 / 666	0	0	1223 / 1225	8	8	8	1204 / 1206	6	6
SSV002	0	590 / 593	0	0	686 / 688	0	0	0	652 / 655	0	0	1210 / 1213	10	10	10	1191 / 1194	9	9
SSV003	0	585 / 586	0	0	680 / 681	0	0	0	647 / 648	0	0	1205 / 1206	0	0	0	1185 / 1186	0	0
SSV004	11	567 / 571	14	14	662 / 666	14	14	14	628 / 632	14	14	1184 / 1187	21	21	21	1164 / 1168	20	20
SSV005	13	547 / 551	18	18	641 / 645	18	18	18	607 / 611	18	18	1161 / 1165	21	21	21	1142 / 1146	20	20
SSV006	10	523 / 523	10	10	618 / 618	11	11	11	585 / 585	10	10	1160 / 1160	4	4	4	1141 / 1141	2	2
SSV007	28	524 / 524	28	28	620 / 620	28	28	28	586 / 586	28	28	1159 / 1159	21	21	21	1140 / 1140	20	20
SSV008	25	525 / 525	25	25	620 / 620	27	27	27	587 / 587	26	26	1159 / 1159	21	21	21	1140 / 1140	20	20
SSV009	0	565 / 565	0	0	665 / 665	0	0	0	637 / 637	0	0	1257 / 1257	0	0	0	1238 / 1238	0	0
SSV010	6	416 / 418	8	8	512 / 515	8	8	8	480 / 483	9	9	1092 / 1095	8	8	8	1073 / 1076	8	8
SSV011	26	481 / 485	25	25	579 / 583	24	24	24	550 / 554	25	25	1176 / 1179	0	0	0	1157 / 1161	0	0
SSV012	19	423 / 427	18	18	521 / 525	17	17	17	491 / 495	18	18	1119 / 1123	0	0	0	1100 / 1104	0	0
SSV013	19	406 / 408	19	19	503 / 506	18	18	18	473 / 476	18	18	1102 / 1105	0	0	0	1083 / 1086	0	0
SSV014	1	533 / 533	1	1	632 / 632	2	2	2	605 / 605	0	0	1242 / 1242	0	0	0	1223 / 1223	0	0
SSV015	0	532 / 532	0	0	631 / 631	0	0	0	613 / 613	0	0	1313 / 1315	0	0	0	1295 / 1297	0	0
SSV016	3	469 / 474	2	2	567 / 572	2	2	2	552 / 557	0	0	1273 / 1278	0	0	0	1255 / 1259	0	0
SSV017	—	530 / 535	0	—	628 / 633	0	—	—	613 / 618	0	—	1334 / 1338	0	—	—	1316 / 1320	0	—
SSV018	—	520 / 527	4	—	618 / 625	2	—	—	603 / 610	2	—	1325 / 1331	0	—	—	1307 / 1313	0	—
SSV019	8	397 / 397	7	7	492 / 492	5	5	5	481 / 482	5	5	1225 / 1226	0	0	0	1207 / 1209	0	0
SSV020	19	396 / 397	10	10	491 / 492	14	14	14	480 / 481	7	7	1225 / 1226	0	0	0	1208 / 1208	0	0
SSV021	14	395 / 396	8	8	491 / 491	7	7	7	480 / 480	6	6	1224 / 1225	0	0	0	1206 / 1207	0	0
SSV022	12	394 / 394	8	8	489 / 490	7	7	7	478 / 479	6	6	1223 / 1224	0	0	0	1205 / 1206	0	0
SSV023	29	391 / 394	20	20	486 / 489	26	26	26	476 / 479	17	17	1221 / 1224	0	0	0	1203 / 1206	0	0
SSV024	25	391 / 391	18	18	486 / 486	22	22	22	475 / 475	15	15	1220 / 1221	0	0	0	1202 / 1203	0	0

Table SS2: Acoustic Assessment Summary - Normal Operations (Stationary Source)

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	44	38	38	No	50	50	45	Yes
OPOR001	Outdoor Class 2	44	38	38	No	50	45	—	Yes
POR002	2 Storey Class 3	49	49	49	No	45	40	40	No
OPOR002	Outdoor Class 3	47	47	47	No	45	40	—	No
POR003	2 Storey Class 3	49	49	49	No	45	40	40	No
OPOR003	Outdoor Class 3	48	47	47	No	45	40	—	No
POR004	1 1/2 Storey Class 3	59	59	59	No	45	40	40	No
OPOR004	Outdoor Class 3	58	58	58	No	45	40	—	No
POR005	1 1/2 Storey Class 3	50	50	50	No	45	40	40	No
OPOR005	Outdoor Class 3	46	43	43	No	45	40	—	No
POR006	1 Storey Class 3	46	44	44	No	45	40	40	No
OPOR006	Outdoor Class 3	44	40	40	No	45	40	—	Yes
POR007	2 Storey Class 3	45	43	43	No	45	40	40	No
OPOR007	Outdoor Class 3	43	39	39	No	45	40	—	Yes
POR008	2 Storey Class 3	36	33	33	No	45	40	40	Yes
OPOR008	Outdoor Class 3	35	32	32	No	45	40	—	Yes

Table IS1: Point of Reception Predicted Sound Levels - Normal Operations (Impulsive Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)
IP001	980	20	20	20	950	20	20	605	51	51	51	576	49	49	549	51	51	51	519

Table IS1: Point of Reception Predicted Sound Levels - Normal Operations (Impulsive Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)
IP001	50	50	193	61	61	61	176	61	61	339	51	51	51	332	43	43	393	45	45

Table IS1: Point of Reception Predicted Sound Levels - Normal Operations (Impulsive Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)
IP001	45	392	39	39	488	42	42	42	477	37	37	1221	18	18	18	1204	18	18

Table IS2: Acoustic Assessment Summary - Normal Operations (Impulsive Source)

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Verified by Acoustic Audit	Daytime Performance Limit (dBAI)	Evening Performance Limit (dBAI)	Night-time Performance Limit (dBAI)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	20	20	20	No	50	50	45	Yes
OPOR001	Outdoor Class 2	20	20	20	No	50	45	—	Yes
POR002	2 Storey Class 3	51	51	51	No	45	40	40	No
OPOR002	Outdoor Class 3	49	49	49	No	45	40	—	No
POR003	2 Storey Class 3	51	51	51	No	45	40	40	No
OPOR003	Outdoor Class 3	50	50	50	No	45	40	—	No
POR004	1 1/2 Storey Class 3	61	61	61	No	45	40	40	No
OPOR004	Outdoor Class 3	61	61	61	No	45	40	—	No
POR005	1 1/2 Storey Class 3	51	51	51	No	45	40	40	No
OPOR005	Outdoor Class 3	43	43	43	No	45	40	—	No
POR006	1 Storey Class 3	45	45	45	No	45	40	40	No
OPOR006	Outdoor Class 3	39	39	39	No	45	40	—	Yes
POR007	2 Storey Class 3	42	42	42	No	45	40	40	No
OPOR007	Outdoor Class 3	37	37	37	No	45	40	—	Yes
POR008	2 Storey Class 3	18	18	18	No	45	40	40	Yes
OPOR008	Outdoor Class 3	18	18	18	No	45	40	—	Yes

Table EG1: Point of Reception Predicted Sound Levels - Plant Emergency Diesel Generators

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
GP001	818	23	—	—	789	23	—	585	39	—	—	555	38	—	674	28	—	—	645
GV001	814 / 815	7	—	—	785 / 786	6	—	587 / 588	14	—	—	557 / 558	14	—	677 / 677	10	—	—	648 / 649

Table EG1: Point of Reception Predicted Sound Levels - Plant Emergency Diesel Generators

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
GP001	27	—	412	24	—	—	396	24	—	512	24	—	—	493	23	—	555	22	—
GV001	9	—	414 / 415	11	—	—	398 / 399	12	—	512 / 513	9	—	—	492 / 494	9	—	555 / 557	8	—

Table EG1: Point of Reception Predicted Sound Levels - Plant Emergency Diesel Generators

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
GP001	—	539	22	—	639	22	—	—	614	21	—	1265	18	—	—	1246	18	—
GV001	—	538 / 540	8	—	638 / 640	7	—	—	613 / 615	7	—	1262 / 1264	2	—	—	1243 / 1245	2	—

Table EG2: Acoustic Assessment Summary - Plant Emergency Diesel Generators

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	23	0	0	No	50	50	45	Yes
OPOR001	Outdoor Class 2	23	0	0	No	50	45	—	Yes
POR002	2 Storey Class 3	39	0	0	No	45	40	40	Yes
OPOR002	Outdoor Class 3	38	0	0	No	45	40	—	Yes
POR003	2 Storey Class 3	28	0	0	No	45	40	40	Yes
OPOR003	Outdoor Class 3	27	0	0	No	45	40	—	Yes
POR004	1 1/2 Storey Class 3	24	0	0	No	45	40	40	Yes
OPOR004	Outdoor Class 3	24	0	0	No	45	40	—	Yes
POR005	1 1/2 Storey Class 3	24	0	0	No	45	40	40	Yes
OPOR005	Outdoor Class 3	23	0	0	No	45	40	—	Yes
POR006	1 Storey Class 3	22	0	0	No	45	40	40	Yes
OPOR006	Outdoor Class 3	22	0	0	No	45	40	—	Yes
POR007	2 Storey Class 3	23	0	0	No	45	40	40	Yes
OPOR007	Outdoor Class 3	21	0	0	No	45	40	—	Yes
POR008	2 Storey Class 3	19	0	0	No	45	40	40	Yes
OPOR008	Outdoor Class 3	19	0	0	No	45	40	—	Yes

Table NGPO1: Point of Reception Predicted Sound Levels - Plant Office Emergency Natural Gas Generator

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
NGP02	800	0	—	—	771	0	—	602	13	—	—	572	13	—	691	0	—	—	663

Table NGPO1: Point of Reception Predicted Sound Levels - Plant Office Emergency Natural Gas Generator

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
NGP02	0	—	424	0	—	—	407	0	—	509	0	—	—	489	0	—	551	0	—

Table NGPO1: Point of Reception Predicted Sound Levels - Plant Office Emergency Natural Gas Generator

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
NGP02	—	533	0	—	633	0	—	—	607	0	—	1250	0	—	—	1232	0	—

Table NGPO2: Acoustic Assessment Summary - Plant Office Emergency Natural Gas Generator

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	0	0	0	No	50	50	45	Yes
OPOR001	Outdoor Class 2	0	0	0	No	50	45	—	Yes
POR002	2 Storey Class 3	13	0	0	No	45	40	40	Yes
OPOR002	Outdoor Class 3	13	0	0	No	45	40	—	Yes
POR003	2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR003	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR004	1 1/2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR004	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR005	1 1/2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR005	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR006	1 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR006	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR007	2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR007	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR008	2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR008	Outdoor Class 3	0	0	0	No	45	40	—	Yes

Table NGAO1: Point of Reception Predicted Sound Levels - Administration Office Emergency Natural Gas Generator

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
NGP01	781	7	—	—	753	8	—	580	20	—	—	551	20	—	730	14	—	—	703

Table NGAO1: Point of Reception Predicted Sound Levels - Administration Office Emergency Natural Gas Generator

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
NGP01	12	—	511	2	—	—	496	1	—	617	0	—	—	597	0	—	659	0	—

Table NGAO1: Point of Reception Predicted Sound Levels - Administration Office Emergency Natural Gas Generator

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
NGP01	—	639	0	—	739	0	—	—	711	0	—	1324	0	—	—	1305	0	—

Table NGAO2: Acoustic Assessment Summary - Administration Office Emergency Natural Gas Generator

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	7	0	0	No	50	50	45	Yes
OPOR001	Outdoor Class 2	8	0	0	No	50	45	—	Yes
POR002	2 Storey Class 3	21	0	0	No	45	40	40	Yes
OPOR002	Outdoor Class 3	21	0	0	No	45	40	—	Yes
POR003	2 Storey Class 3	14	0	0	No	45	40	40	Yes
OPOR003	Outdoor Class 3	12	0	0	No	45	40	—	Yes
POR004	1 1/2 Storey Class 3	3	0	0	No	45	40	40	Yes
OPOR004	Outdoor Class 3	3	0	0	No	45	40	—	Yes
POR005	1 1/2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR005	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR006	1 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR006	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR007	2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR007	Outdoor Class 3	0	0	0	No	45	40	—	Yes
POR008	2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR008	Outdoor Class 3	0	0	0	No	45	40	—	Yes

Table FP1: Point of Reception Predicted Sound Levels - Emergency Diesel Fire Pump

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
FP001	794	26	—	—	764	26	—	762	29	—	—	732	30	—	749	26	—	—	719
FPV001	787 / 787	21	—	—	757 / 757	22	—	768 / 768	9	—	—	738 / 738	10	—	757 / 757	10	—	—	727 / 727
FPV002	801 / 801	24	—	—	771 / 771	24	—	755 / 755	24	—	—	725 / 725	24	—	741 / 741	17	—	—	711 / 711

Table FP1: Point of Reception Predicted Sound Levels - Emergency Diesel Fire Pump

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
FP001	26	—	382	40	—	—	366	40	—	306	39	—	—	281	39	—	341	38	—
FPV001	10	—	389 / 389	32	—	—	373 / 373	32	—	307 / 307	34	—	—	282 / 282	33	—	342 / 342	32	—
FPV002	17	—	375 / 375	36	—	—	358 / 358	36	—	306 / 306	28	—	—	282 / 282	29	—	342 / 342	26	—

Table FP1: Point of Reception Predicted Sound Levels - Emergency Diesel Fire Pump

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
FP001	—	319	38	—	418	36	—	—	390	36	—	1059	25	—	—	1041	25	—
FPV001	—	318 / 318	32	—	417 / 417	31	—	—	388 / 388	31	—	1053 / 1053	21	—	—	1035 / 1035	21	—
FPV002	—	321 / 321	27	—	420 / 420	24	—	—	393 / 393	25	—	1066 / 1066	9	—	—	1047 / 1047	9	—

Table FP2: Acoustic Assessment Summary - Emergency Diesel Fire Pump

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	29	0	0	No	50	50	45	Yes
OPOR001	Outdoor Class 2	29	0	0	No	50	45	—	Yes
POR002	2 Storey Class 3	30	0	0	No	45	40	40	Yes
OPOR002	Outdoor Class 3	31	0	0	No	45	40	—	Yes
POR003	2 Storey Class 3	27	0	0	No	45	40	40	Yes
OPOR003	Outdoor Class 3	26	0	0	No	45	40	—	Yes
POR004	1 1/2 Storey Class 3	42	0	0	No	45	40	40	Yes
OPOR004	Outdoor Class 3	42	0	0	No	45	40	—	Yes
POR005	1 1/2 Storey Class 3	40	0	0	No	45	40	40	Yes
OPOR005	Outdoor Class 3	40	0	0	No	45	40	—	Yes
POR006	1 Storey Class 3	39	0	0	No	45	40	40	Yes
OPOR006	Outdoor Class 3	39	0	0	No	45	40	—	Yes
POR007	2 Storey Class 3	37	0	0	No	45	40	40	Yes
OPOR007	Outdoor Class 3	38	0	0	No	45	40	—	Yes
POR008	2 Storey Class 3	27	0	0	No	45	40	40	Yes
OPOR008	Outdoor Class 3	27	0	0	No	45	40	—	Yes

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
MSSP001	634	14	14	14	605	14	14	749	1	1	1	720	1	1	857	0	0	0	828
MSSP002	635	30	—	—	606	31	—	750	16	—	—	721	16	—	856	14	—	—	827
MSSP003	653	13	13	13	624	14	14	722	0	0	0	693	0	0	841	0	0	0	812
MSSP004	648	13	13	13	619	14	14	732	0	0	0	703	0	0	844	0	0	0	815
MSSP005	646	13	13	13	617	14	14	737	0	0	0	708	0	0	845	0	0	0	817
MSSP006	645	13	13	13	616	14	14	740	0	0	0	710	0	0	846	0	0	0	817
MSSP007	643	13	13	13	614	14	14	746	0	0	0	716	0	0	848	0	0	0	819
MSSP008	672	20	20	20	643	20	20	695	20	20	20	666	20	20	826	23	23	23	798
MSSP009	642	14	14	14	612	14	14	761	6	6	6	732	6	6	850	10	10	10	821
MSSP010	658	18	20	20	629	18	20	749	9	11	11	719	9	10	834	13	15	15	805
MSSP011	655	15	—	—	625	16	—	758	11	—	—	729	10	—	839	11	—	—	810
MSSP012	689	1	1	1	661	2	2	681	18	18	18	652	16	16	807	16	16	16	779
MSSP013	722	0	0	0	693	0	0	653	18	18	18	624	17	17	773	17	17	17	745
MSSP014	685	13	13	13	655	13	13	768	11	11	11	738	11	11	819	11	11	11	790
MSSP015	697	12	12	12	667	13	13	760	11	11	11	730	12	12	808	11	11	11	778
MSSP016	766	11	11	11	738	12	12	595	3	3	3	567	2	2	744	0	0	0	717
MSSP017	764	2	2	2	736	3	3	598	0	0	0	569	0	0	744	0	0	0	717
MSSP018	764	1	1	1	736	3	3	600	0	0	0	571	0	0	743	0	0	0	716
MSSP019	763	11	11	11	735	12	12	600	0	0	0	571	0	0	743	0	0	0	716
MSSP020	780	2	2	2	752	2	2	583	10	10	10	554	8	8	729	8	8	8	702
MSSP021	795	0	0	0	767	0	0	570	4	4	4	541	1	1	712	1	1	1	684
MSSP022	804	7	7	7	776	5	5	560	16	16	16	531	14	14	705	14	14	14	678
MSSP023	810	7	7	7	782	5	5	556	17	17	17	527	14	14	696	15	15	15	669
MSSP024	740	0	0	0	711	0	0	639	18	18	18	609	17	17	755	17	17	17	727
MSSP025	756	0	0	0	727	0	0	625	19	19	19	596	17	17	738	17	17	17	710
MSSP026	772	0	0	0	743	0	0	613	19	19	19	583	18	18	722	18	18	18	694
MSSP027	751	0	0	0	721	0	0	671	4	4	4	641	4	4	742	0	0	0	713
MSSP028	755	14	—	—	726	14	—	676	14	—	—	646	14	—	739	16	—	—	709
MSSP029	748	0	0	0	718	0	0	684	3	3	3	654	3	3	747	5	5	5	717
MSSP030	743	0	0	0	713	0	0	709	12	12	12	679	12	12	757	12	12	12	727
MSSP031	741	0	0	0	711	0	0	728	12	12	12	698	12	12	765	9	9	9	735
MSSP032	730	12	12	12	700	12	12	748	0	0	0	718	0	0	781	0	0	0	751
MSSP033	743	12	—	—	713	12	—	756	11	—	—	726	10	—	777	6	—	—	747
MSSP034	816	1	1	1	787	0	0	590	5	5	5	560	5	5	675	1	1	1	647
MSSP035	811	6	6	6	781	6	6	611	14	14	14	581	11	11	680	13	13	13	651
MSSP036	810	0	0	0	780	1	1	621	8	8	8	591	6	6	682	7	7	7	653
MSSP037	807	9	—	—	777	7	—	661	4	—	—	631	4	—	694	3	—	—	665
MSSP038	805	—	15	15	775	—	16	701	—	8	8	671	—	8	711	—	4	4	681
MSSP039	805	13	—	—	775	14	—	706	9	—	—	676	9	—	713	4	—	—	683
MSSP040	837	25	25	25	807	23	23	582	36	36	36	552	35	35	654	36	36	36	625
MSSP041	835	0	0	0	805	1	1	594	8	8	8	564	5	5	657	3	3	3	628
MSSP042	846	3	3	3	817	2	2	570	16	16	16	540	14	14	645	16	16	16	616
MSSP043	857	0	0	0	828	0	0	553	11	11	11	523	9	9	634	10	10	10	606
MSSP044	850	0	0	0	820	0	0	585	8	8	8	555	5	5	642	3	3	3	613
MSSP045	840	2	2	2	810	2	2	642	0	0	0	612	0	0	663	0	0	0	633
MSSP046	857	0	0	0	828	0	0	590	8	8	8	560	7	7	636	3	3	3	607
MSSP047	874	6	6	6	845	5	5	541	23	23	23	511	22	22	617	22	22	22	588
MSSP048	880	0	0	0	851	0	0	538	6	6	6	508	6	6	611	6	6	6	583
MSSP049	885	0	0	0	856	0	0	535	15	15	15	505	13	13	606	14	14	14	577

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
MSSP050	895	11	11	11	865	8	8	531	22	22	22	501	19	19	596	21	21	21	568
MSSP051	890	7	7	7	860	7	7	571	16	16	16	541	14	14	604	16	16	16	575
MSSP052	888	7	7	7	858	7	7	579	16	16	16	549	14	14	608	16	16	16	578
MSSP053	865	12	—	—	835	12	—	604	17	—	—	574	17	—	632	29	—	—	603
MSSP054	888	2	2	2	859	2	2	601	0	0	0	571	0	0	613	0	0	0	583
MSSP055	885	2	2	2	855	2	2	627	0	0	0	598	0	0	625	0	0	0	595
MSSP056	883	2	2	2	853	2	2	663	0	0	0	633	0	0	642	0	0	0	612
MSSP057	919	1	1	1	890	0	0	537	18	18	18	508	16	16	573	17	17	17	544
MSSP058	929	10	10	10	900	8	8	525	23	23	23	495	21	21	563	22	22	22	534
MSSP059	932	10	10	10	902	8	8	523	23	23	23	494	21	21	560	22	22	22	531
MSSP060	921	0	0	0	892	0	0	544	16	16	16	514	14	14	572	15	15	15	543
MSSP061	923	0	0	0	893	0	0	543	16	16	16	514	14	14	571	15	15	15	542
MSSP062	924	0	0	0	895	0	0	542	16	16	16	513	14	14	569	15	15	15	540
MSSP063	926	0	0	0	896	0	0	542	16	16	16	512	14	14	568	15	15	15	539
MSSP064	927	0	0	0	897	0	0	541	16	16	16	511	14	14	567	15	15	15	537
MSSP065	926	0	0	0	896	0	0	547	0	0	0	518	0	0	569	0	0	0	540
MSSP066	936	0	0	0	907	0	0	542	0	0	0	512	0	0	559	0	0	0	529
MSSP067	948	8	8	8	919	6	6	501	18	18	18	471	16	16	543	17	17	17	514
MSSP068	955	2	2	2	926	0	0	518	18	18	18	488	14	14	538	18	18	18	509
MSSP069	951	7	—	—	921	6	—	541	5	—	—	512	6	—	547	5	—	—	517
MSSP070	992	0	—	—	963	0	—	479	28	—	—	449	28	—	499	28	—	—	470
MSSP071	911	2	2	2	881	1	1	580	11	11	11	550	7	7	589	10	10	10	559
MSSP072	908	2	2	2	878	2	2	670	0	0	0	640	0	0	629	0	0	0	599
MSSP073	930	0	0	0	900	0	0	598	8	8	8	568	6	6	581	8	8	8	551
MSSP074	928	0	0	0	898	0	0	630	7	7	7	601	6	6	596	8	8	8	566
MSSP075	942	0	0	0	912	0	0	597	10	10	10	567	7	7	572	10	10	10	542
MSSP076	951	0	0	0	921	0	0	570	11	11	11	541	7	7	555	11	11	11	525
MSSP077	942	0	0	0	912	0	0	648	0	0	0	619	0	0	597	0	0	0	567
MSSP078	961	0	0	0	931	0	0	601	16	16	16	572	11	11	560	16	16	16	530
MSSP079	968	0	0	0	938	0	0	622	16	16	16	594	13	13	565	16	16	16	535
MSSP080	982	0	0	0	952	0	0	561	10	10	10	532	7	7	528	11	11	11	498
MSSP081	981	0	0	0	951	0	0	575	11	11	11	547	7	7	535	11	11	11	505
MSSP082	983	0	0	0	953	0	0	601	0	0	0	572	0	0	545	0	0	0	515
MSSP083	982	0	0	0	952	0	0	603	6	6	6	574	2	2	546	6	6	6	516
MSSP084	861	14	—	—	831	15	—	803	9	—	—	774	8	—	741	22	—	—	711
MSSP085	919	21	—	—	889	22	—	767	21	—	—	738	20	—	685	25	—	—	656
MSSP086	973	0	0	0	943	0	0	513	2	2	2	484	1	1	522	2	2	2	492
MSSP087	974	0	0	0	945	0	0	507	2	2	2	478	1	1	519	2	2	2	490
MSSL001	379 / 831	34	32	32	350 / 801	34	32	721 / 983	30	28	28	691 / 955	29	27	704 / 1113	27	25	25	674 / 1084
MSSL002	468 / 709	32	—	—	439 / 682	32	—	645 / 1080	30	—	—	617 / 1050	30	—	818 / 1113	28	—	—	791 / 1083
MSSL003	557 / 670	29	0	0	529 / 641	30	0	700 / 898	29	0	0	673 / 868	27	0	824 / 937	26	0	0	794 / 909
MSSL004	669 / 912	25	0	0	639 / 882	26	0	700 / 789	21	0	0	671 / 759	20	0	649 / 839	22	0	0	619 / 809
MSSL005	626 / 674	29	0	0	597 / 644	29	0	741 / 792	21	0	0	712 / 762	21	0	820 / 865	22	0	0	791 / 836
MSSL006	623 / 868	12	—	—	594 / 840	12	—	495 / 795	16	0	0	466 / 765	15	0	647 / 868	15	—	—	618 / 839
MSSL007	625 / 867	12	—	—	595 / 839	12	—	496 / 793	16	0	0	467 / 763	15	0	650 / 866	15	—	—	624 / 837
MSSL008	653 / 876	23	0	0	623 / 846	24	0	712 / 932	20	0	0	683 / 902	20	0	675 / 906	24	0	0	645 / 876
MSSL009	680 / 1004	14	—	—	652 / 974	13	—	471 / 685	28	0	0	441 / 657	27	0	492 / 819	28	0	0	463 / 791
MSSL010	812 / 969	1	—	—	783 / 939	0	—	476 / 580	17	0	0	446 / 550	16	0	522 / 681	15	0	0	494 / 653
MSSL011	748 / 844	—	22	22	718 / 814	—	23	665 / 750	—	21	21	636 / 720	—	21	671 / 770	—	16	16	641 / 740

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)
MSSL012	609 / 680	—	30	30	579 / 650	—	31	728 / 818	—	25	25	698 / 788	—	25	812 / 890	—	25	25	783 / 860
MSSL013	877 / 960	—	15	15	847 / 930	—	15	665 / 763	—	11	11	637 / 734	—	10	595 / 703	—	22	22	565 / 673
MSSL014	687 / 1043	—	12	12	659 / 1013	—	12	442 / 680	0	29	29	413 / 651	0	28	448 / 811	0	28	28	419 / 783
MSSL015	106 / 831	32	0	0	104 / 801	32	0	721 / 1288	22	0	0	691 / 1262	20	0	704 / 1449	18	0	0	674 / 1421
MSSL016	113 / 674	41	0	0	84 / 644	40	0	741 / 1288	27	0	0	712 / 1260	26	0	820 / 1403	24	0	0	791 / 1374
MSSL017	621 / 1011	19	0	0	591 / 982	20	0	468 / 796	26	0	0	438 / 767	25	0	484 / 870	26	0	0	454 / 841
MSSL018	623 / 1005	21	0	0	593 / 976	22	0	469 / 796	28	0	0	440 / 766	26	0	491 / 868	28	0	0	462 / 839
MSSL019	979 / 982	0	0	0	949 / 952	0	0	600 / 602	0	0	0	572 / 573	0	0	545 / 548	0	0	0	515 / 518
MSSL020	979 / 980	0	0	0	949 / 950	0	0	605 / 605	0	0	0	576 / 577	0	0	549 / 550	1	1	1	519 / 520
MSSA001	974 / 1010	0	0	0	944 / 980	0	0	593 / 606	0	0	0	565 / 577	0	0	522 / 553	0	0	0	492 / 523
MSSA002	961 / 996	0	0	0	931 / 966	0	0	599 / 612	0	0	0	571 / 583	0	0	535 / 566	0	0	0	505 / 536
MSSA003	956 / 992	0	0	0	926 / 962	0	0	602 / 615	0	0	0	573 / 586	0	0	539 / 570	0	0	0	509 / 540
MSSV001	664 / 664	14	14	14	635 / 636	15	15	702 / 703	1	1	1	673 / 674	1	1	833 / 834	4	4	4	805 / 806
MSSV002	660 / 661	17	17	17	631 / 632	17	17	709 / 711	0	0	0	680 / 682	0	0	835 / 835	0	0	0	807 / 807
MSSV003	658 / 658	14	14	14	629 / 630	15	15	714 / 714	0	0	0	684 / 685	0	0	836 / 836	0	0	0	808 / 808
MSSV004	649 / 651	27	27	27	621 / 622	28	28	727 / 729	9	9	9	697 / 700	9	9	842 / 843	8	8	8	814 / 814
MSSV005	644 / 645	27	27	27	615 / 616	28	28	741 / 743	9	9	9	711 / 714	9	9	846 / 847	7	7	7	818 / 818
MSSV006	673 / 673	10	10	10	644 / 644	11	11	725 / 725	0	0	0	695 / 695	0	0	818 / 818	0	0	0	789 / 789
MSSV007	670 / 670	27	27	27	640 / 640	28	28	728 / 728	8	8	8	698 / 698	9	9	822 / 822	7	7	7	793 / 793
MSSV008	669 / 669	27	27	27	639 / 639	27	27	729 / 729	9	9	9	699 / 699	9	9	822 / 822	8	8	8	794 / 794
MSSV009	767 / 767	0	0	0	738 / 738	0	0	617 / 617	14	14	14	587 / 587	13	13	727 / 727	13	13	13	699 / 699
MSSV010	715 / 716	13	13	13	685 / 686	14	14	749 / 752	0	0	0	719 / 722	0	0	791 / 792	0	0	0	761 / 762
MSSV011	749 / 750	2	2	2	720 / 720	2	2	673 / 676	6	6	6	643 / 646	6	6	743 / 744	4	4	4	713 / 714
MSSV012	742 / 742	0	0	0	712 / 712	0	0	718 / 721	9	9	9	688 / 691	9	9	761 / 762	10	10	10	731 / 732
MSSV013	741 / 741	0	0	0	711 / 711	0	0	733 / 735	11	11	11	703 / 705	10	10	767 / 769	6	6	6	738 / 739
MSSV014	786 / 786	0	0	0	757 / 757	0	0	615 / 615	16	16	16	585 / 585	17	17	705 / 705	11	11	11	677 / 677
MSSV015	927 / 931	0	0	0	897 / 901	0	0	508 / 510	19	24	24	478 / 480	17	22	560 / 564	18	23	23	531 / 535
MSSV016	950 / 951	0	0	0	921 / 921	0	0	541 / 545	0	0	0	512 / 516	0	0	546 / 548	0	0	0	517 / 518
MSSV017	979 / 980	0	—	—	949 / 950	0	—	481 / 485	24	—	—	451 / 455	25	—	512 / 513	24	—	—	483 / 484
MSSV018	977 / 978	0	—	—	947 / 949	0	—	488 / 494	30	—	—	458 / 464	30	—	514 / 515	29	—	—	484 / 486
MSSV019	980 / 982	0	0	0	950 / 952	0	0	600 / 601	6	6	6	571 / 572	6	6	545 / 547	7	7	7	515 / 517
MSSV020	982 / 982	0	0	0	952 / 952	0	0	600 / 601	0	0	0	571 / 572	0	0	545 / 545	0	0	0	515 / 515
MSSV021	980 / 982	0	0	0	950 / 952	0	0	601 / 602	1	1	1	573 / 573	1	1	546 / 547	2	2	2	516 / 517
MSSV022	980 / 982	0	0	0	950 / 952	0	0	602 / 603	4	4	4	574 / 575	4	4	546 / 548	8	8	8	516 / 518
MSSV023	982 / 982	0	0	0	952 / 952	0	0	603 / 605	6	6	6	574 / 577	4	4	546 / 548	6	6	6	516 / 518
MSSV024	980 / 982	0	0	0	950 / 952	0	0	606 / 606	2	2	2	577 / 578	2	2	548 / 550	3	3	3	518 / 520

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
MSSP001	0	0	568	0	0	0	551	0	0	556	8	8	8	528	14	14	585	14	14
MSSP002	14	—	564	15	—	—	548	15	—	551	32	—	—	523	30	—	580	30	—
MSSP003	0	0	564	0	0	0	547	0	0	574	0	0	0	547	0	0	605	0	0
MSSP004	0	0	560	0	0	0	543	0	0	559	0	0	0	532	0	0	590	0	0
MSSP005	0	0	558	0	0	0	541	0	0	553	1	1	1	526	1	1	583	0	0
MSSP006	0	0	557	0	0	0	540	0	0	550	2	2	2	523	1	1	580	1	1
MSSP007	0	0	555	0	0	0	538	0	0	542	5	5	5	515	4	4	572	3	3
MSSP008	19	19	565	4	4	4	548	4	4	596	2	2	2	570	2	2	630	1	1
MSSP009	9	9	545	8	8	8	528	7	7	516	16	16	16	487	14	14	544	15	15
MSSP010	12	14	528	7	8	8	511	6	8	505	20	22	22	477	17	19	534	19	21
MSSP011	10	—	528	7	—	—	511	6	—	496	18	—	—	468	16	—	525	16	—
MSSP012	15	15	545	0	0	0	529	0	0	583	0	0	0	558	0	0	617	0	0
MSSP013	15	15	513	0	0	0	497	0	0	566	0	0	0	542	0	0	603	0	0
MSSP014	11	11	487	8	8	8	471	7	7	433	17	17	17	405	18	18	462	17	17
MSSP015	11	11	475	8	8	8	459	7	7	426	18	18	18	398	18	18	456	17	17
MSSP016	0	0	520	0	0	0	504	0	0	617	0	0	0	595	0	0	657	0	0
MSSP017	0	0	518	0	0	0	503	0	0	613	0	0	0	591	0	0	653	0	0
MSSP018	0	0	514	0	0	0	498	0	0	607	0	0	0	585	0	0	647	0	0
MSSP019	0	0	513	0	0	0	497	0	0	605	0	0	0	584	0	0	646	0	0
MSSP020	6	6	507	7	7	7	491	6	6	610	4	4	4	589	1	1	651	1	1
MSSP021	0	0	490	0	0	0	475	0	0	602	0	0	0	581	0	0	644	0	0
MSSP022	12	12	489	13	13	13	474	13	13	608	10	10	10	588	6	6	650	6	6
MSSP023	12	12	479	13	13	13	464	13	13	599	10	10	10	580	6	6	643	6	6
MSSP024	16	16	496	0	0	0	479	0	0	557	0	0	0	534	0	0	596	0	0
MSSP025	16	16	480	0	0	0	463	0	0	550	0	0	0	528	0	0	589	0	0
MSSP026	16	16	465	0	0	0	449	0	0	543	0	0	0	522	0	0	584	0	0
MSSP027	0	0	443	1	1	1	426	1	1	471	17	17	17	448	17	17	509	16	16
MSSP028	16	—	432	25	—	—	416	24	—	455	36	—	—	431	35	—	493	34	—
MSSP029	5	5	439	7	7	7	422	6	6	455	17	17	17	431	17	17	492	16	16
MSSP030	12	12	434	7	7	7	417	6	6	425	18	18	18	400	18	18	461	17	17
MSSP031	8	8	432	7	7	7	415	6	6	404	18	18	18	379	19	19	439	17	17
MSSP032	0	0	442	8	8	8	425	7	7	396	18	18	18	369	19	19	428	18	18
MSSP033	6	—	428	12	—	—	412	11	—	370	20	—	—	343	19	—	402	18	—
MSSP034	1	1	409	5	5	5	393	5	5	505	2	2	2	485	3	3	548	2	2
MSSP035	8	8	397	10	10	10	381	9	9	476	16	16	16	456	12	12	519	10	10
MSSP036	2	2	391	3	3	3	374	2	2	461	10	10	10	441	6	6	504	8	8
MSSP037	3	—	373	8	—	—	356	9	—	407	25	—	—	386	25	—	448	24	—
MSSP038	—	4	367	—	8	8	350	—	8	359	—	25	25	337	—	24	399	—	23
MSSP039	4	—	366	8	—	—	349	8	—	353	22	—	—	330	21	—	392	20	—
MSSP040	34	34	382	28	28	28	366	28	28	486	26	26	26	468	25	25	531	24	24
MSSP041	3	3	374	5	5	5	358	4	4	468	10	10	10	450	6	6	513	6	6
MSSP042	13	13	380	12	12	12	363	11	11	493	9	9	9	476	7	7	539	8	8
MSSP043	8	8	379	1	1	1	364	1	1	507	0	0	0	490	0	0	553	0	0
MSSP044	3	3	359	6	6	6	343	4	4	463	10	10	10	446	6	6	509	6	6
MSSP045	0	0	339	0	0	0	323	0	0	394	14	14	14	375	10	10	438	8	8
MSSP046	3	3	345	6	6	6	328	5	5	447	11	11	11	430	6	6	493	8	8
MSSP047	21	21	363	13	13	13	348	13	13	502	5	5	5	487	6	6	550	7	7
MSSP048	4	4	359	0	0	0	343	0	0	501	0	0	0	486	0	0	549	0	0
MSSP049	12	12	353	0	0	0	337	0	0	498	0	0	0	483	0	0	546	0	0

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
MSSP050	18	18	342	21	21	21	326	22	22	493	7	7	7	479	6	6	542	6	6
MSSP051	13	13	314	22	22	22	298	20	20	439	7	7	7	425	8	8	487	8	8
MSSP052	13	13	310	19	19	19	294	18	18	429	7	7	7	414	9	9	477	8	8
MSSP053	28	—	325	20	—	—	309	21	—	418	34	—	—	401	36	—	464	34	—
MSSP054	0	0	298	0	0	0	281	0	0	399	0	0	0	385	0	0	448	0	0
MSSP055	0	0	291	0	0	0	274	0	0	369	0	0	0	354	1	1	417	0	0
MSSP056	0	0	288	0	0	0	271	0	0	329	4	4	4	313	5	5	376	3	3
MSSP057	15	15	299	19	19	19	284	19	19	458	4	4	4	445	4	4	508	3	3
MSSP058	20	20	296	24	24	24	281	24	24	466	10	10	10	454	10	10	517	10	10
MSSP059	20	20	294	24	24	24	278	24	24	465	10	10	10	454	10	10	516	10	10
MSSP060	14	14	291	21	21	21	275	17	17	446	3	3	3	434	2	2	496	2	2
MSSP061	14	14	290	21	21	21	274	17	17	446	3	3	3	434	2	2	496	2	2
MSSP062	14	14	288	21	21	21	272	17	17	446	3	3	3	434	2	2	496	3	3
MSSP063	14	14	287	22	22	22	271	17	17	446	3	3	3	434	3	3	496	3	3
MSSP064	14	14	286	22	22	22	270	17	17	446	3	3	3	434	3	3	496	3	3
MSSP065	0	0	283	6	6	6	267	5	5	438	0	0	0	426	0	0	489	0	0
MSSP066	0	0	273	0	0	0	257	0	0	437	0	0	0	426	0	0	488	0	0
MSSP067	15	15	292	23	23	23	277	20	20	483	13	13	13	472	7	7	534	7	7
MSSP068	14	14	267	24	24	24	252	20	20	455	12	12	12	445	12	12	507	12	12
MSSP069	6	—	255	14	—	—	239	14	—	428	13	—	—	418	13	—	480	13	—
MSSP070	28	—	255	36	—	—	241	36	—	480	10	—	—	473	10	—	534	9	—
MSSP071	7	7	280	10	10	10	264	9	9	407	0	0	0	394	0	0	457	0	0
MSSP072	0	0	263	13	13	13	246	11	11	303	16	16	16	289	14	14	352	12	12
MSSP073	7	7	250	16	16	16	233	16	16	372	9	9	9	361	8	8	423	7	7
MSSP074	6	6	244	16	16	16	227	16	16	335	13	13	13	324	12	12	386	11	11
MSSP075	7	7	236	18	18	18	220	16	16	366	14	14	14	356	12	12	417	10	10
MSSP076	8	8	237	3	3	3	221	2	2	392	0	0	0	382	0	0	444	0	0
MSSP077	0	0	229	13	13	13	213	10	10	307	16	16	16	297	13	13	359	11	11
MSSP078	14	14	214	21	21	21	197	22	22	351	16	16	16	343	16	16	404	15	15
MSSP079	14	14	203	26	26	26	186	24	24	324	22	22	22	317	19	19	377	18	18
MSSP080	8	8	205	19	19	19	189	17	17	387	6	6	6	380	0	0	441	0	0
MSSP081	8	8	200	20	20	20	184	18	18	371	7	7	7	364	0	0	425	0	0
MSSP082	0	0	191	8	8	8	174	7	7	342	3	3	3	336	0	0	396	0	0
MSSP083	2	2	191	16	16	16	174	14	14	340	10	10	10	334	1	1	394	5	5
MSSP084	21	—	347	25	—	—	333	30	—	205	30	—	—	181	27	—	243	27	—
MSSP085	24	—	287	30	—	—	274	30	—	194	33	—	—	180	33	—	243	31	—
MSSP086	0	0	247	3	3	3	232	3	3	448	0	0	0	440	0	0	501	0	0
MSSP087	0	0	251	5	5	5	236	4	4	455	0	0	0	447	0	0	508	0	0
MSSL001	26	24	341 / 844	31	29	29	325 / 828	30	28	310 / 869	34	32	32	288 / 841	33	32	351 / 896	33	31
MSSL002	27	—	568 / 744	32	—	—	551 / 728	31	—	420 / 720	32	—	—	386 / 695	32	—	417 / 754	31	—
MSSL003	24	0	508 / 662	29	0	0	492 / 646	28	0	371 / 716	32	0	0	338 / 690	31	0	383 / 749	30	0
MSSL004	21	0	268 / 507	35	0	0	252 / 490	34	0	247 / 483	34	0	0	233 / 456	33	0	296 / 514	32	0
MSSL005	21	0	504 / 571	21	0	0	488 / 554	20	0	433 / 561	31	0	0	404 / 534	31	0	459 / 591	31	0
MSSL006	14	—	324 / 580	10	—	—	307 / 564	9	—	366 / 625	17	0	0	345 / 608	16	0	404 / 671	16	0
MSSL007	14	—	406 / 579	9	—	—	389 / 562	8	—	373 / 626	16	0	0	347 / 609	15	0	406 / 672	15	—
MSSL008	23	0	300 / 536	34	0	0	284 / 520	33	0	148 / 425	34	0	0	116 / 396	33	0	168 / 451	32	0
MSSL009	27	0	201 / 561	34	0	0	185 / 544	33	0	406 / 598	22	0	0	396 / 573	16	—	458 / 633	19	0
MSSL010	15	—	290 / 462	8	—	—	276 / 448	8	—	491 / 624	2	—	—	479 / 607	0	—	542 / 670	1	—
MSSL011	—	16	328 / 422	—	27	27	311 / 406	—	26	316 / 383	—	32	32	295 / 360	—	32	358 / 422	—	30

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
MSSL012	—	24	506 / 576	—	23	23	489 / 559	—	22	443 / 541	—	33	33	415 / 512	—	32	471 / 567	—	32
MSSL013	—	21	214 / 314	—	32	32	198 / 299	—	32	210 / 297	—	28	28	195 / 281	—	27	258 / 344	—	26
MSSL014	0	27	223 / 552	0	32	32	210 / 536	0	31	470 / 592	—	21	21	463 / 566	—	15	523 / 626	—	17
MSSL015	18	0	341 / 1150	24	0	0	325 / 1133	23	0	310 / 1013	27	0	0	288 / 979	26	0	351 / 1014	26	0
MSSL016	23	0	504 / 1070	25	0	0	488 / 1054	24	0	433 / 903	31	0	0	404 / 869	30	0	459 / 907	30	0
MSSL017	25	0	184 / 581	33	0	0	168 / 565	32	0	263 / 610	28	0	0	251 / 584	26	0	313 / 643	25	0
MSSL018	26	0	185 / 583	35	0	0	169 / 567	34	0	263 / 612	30	0	0	251 / 586	28	0	313 / 644	27	0
MSSL019	0	0	191 / 194	2	2	2	175 / 178	1	1	342 / 343	0	0	0	336 / 337	0	0	396 / 397	0	0
MSSL020	0	0	193 / 194	10	10	10	176 / 177	9	9	338 / 339	0	0	0	332 / 332	0	0	393 / 393	0	0
MSSA001	0	0	163 / 199	8	8	8	146 / 182	7	7	339 / 342	3	3	3	333 / 339	0	0	393 / 398	0	0
MSSA002	0	0	176 / 212	8	8	8	160 / 195	7	7	338 / 340	3	3	3	330 / 335	0	0	391 / 394	0	0
MSSA003	0	0	180 / 216	8	8	8	164 / 199	7	7	337 / 338	3	3	3	329 / 333	0	0	390 / 393	0	0
MSSV001	3	3	569 / 570	0	0	0	553 / 553	0	0	595 / 597	0	0	0	569 / 571	0	0	628 / 630	0	0
MSSV002	0	0	565 / 566	0	0	0	549 / 550	0	0	584 / 587	0	0	0	558 / 561	0	0	617 / 619	0	0
MSSV003	0	0	564 / 564	0	0	0	547 / 547	0	0	579 / 580	0	0	0	553 / 554	0	0	612 / 612	0	0
MSSV004	8	8	561 / 562	10	10	10	544 / 545	10	10	564 / 567	12	12	12	537 / 540	12	12	595 / 598	11	11
MSSV005	7	7	556 / 557	10	10	10	539 / 540	11	11	545 / 549	13	13	13	518 / 521	14	14	575 / 579	13	13
MSSV006	0	0	522 / 522	3	3	3	505 / 505	2	2	518 / 518	12	12	12	491 / 491	10	10	549 / 549	10	10
MSSV007	8	8	525 / 525	21	21	21	509 / 509	21	21	520 / 520	28	28	28	493 / 493	28	28	551 / 551	28	28
MSSV008	8	8	526 / 526	18	18	18	510 / 510	18	18	520 / 520	25	25	25	494 / 494	25	25	552 / 552	25	25
MSSV009	12	12	470 / 470	0	0	0	453 / 453	0	0	545 / 545	0	0	0	524 / 524	0	0	586 / 586	0	0
MSSV010	0	0	457 / 457	0	0	0	440 / 440	0	0	411 / 413	7	7	7	384 / 386	7	7	442 / 445	6	6
MSSV011	4	4	441 / 442	9	9	9	424 / 425	9	9	465 / 469	27	27	27	442 / 445	27	27	503 / 507	26	26
MSSV012	8	8	432 / 433	5	5	5	416 / 416	5	5	412 / 416	20	20	20	387 / 391	19	19	447 / 451	19	19
MSSV013	5	5	431 / 431	6	6	6	415 / 415	5	5	396 / 399	20	20	20	371 / 373	20	20	430 / 433	19	19
MSSV014	11	11	435 / 435	6	6	6	418 / 418	6	6	510 / 510	3	3	3	489 / 489	2	2	552 / 552	1	1
MSSV015	16	21	311 / 314	4	9	9	296 / 299	4	9	489 / 490	0	1	1	477 / 477	0	1	540 / 540	0	0
MSSV016	0	0	252 / 254	11	11	11	236 / 238	11	11	422 / 427	2	2	2	412 / 417	4	4	474 / 479	3	3
MSSV017	24	—	267 / 270	32	—	—	252 / 255	32	—	481 / 486	0	—	—	473 / 478	0	—	534 / 539	0	—
MSSV018	29	—	261 / 265	37	—	—	246 / 250	38	—	471 / 478	6	—	—	463 / 470	5	—	524 / 531	4	—
MSSV019	7	7	192 / 194	12	12	12	175 / 177	12	12	343 / 343	3	3	3	337 / 337	0	0	397 / 398	0	0
MSSV020	0	0	191 / 191	8	8	8	174 / 175	8	8	342 / 343	0	0	0	336 / 337	0	0	396 / 397	0	0
MSSV021	2	2	191 / 193	15	15	15	175 / 177	15	15	342 / 342	5	5	5	335 / 336	0	0	396 / 396	2	2
MSSV022	8	8	191 / 193	13	13	13	174 / 176	14	14	340 / 340	4	4	4	334 / 334	0	0	394 / 395	2	2
MSSV023	4	4	191 / 191	15	15	15	174 / 174	14	14	337 / 340	8	8	8	331 / 334	0	0	391 / 394	3	3
MSSV024	3	3	191 / 193	16	16	16	174 / 176	16	16	337 / 337	12	12	12	331 / 331	2	2	391 / 391	6	6

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
MSSP001	14	557	15	15	651	14	14	14	616	14	14	1163	7	7	7	1144	7	7
MSSP002	—	551	31	—	645	30	—	—	611	30	—	1159	24	—	—	1140	23	—
MSSP003	0	578	0	0	673	0	0	0	639	0	0	1195	12	12	12	1176	10	10
MSSP004	0	562	0	0	657	1	1	1	623	0	0	1178	12	12	12	1159	10	10
MSSP005	0	556	1	1	650	2	2	2	616	1	1	1171	12	12	12	1151	10	10
MSSP006	1	552	2	2	647	3	3	3	612	2	2	1167	12	12	12	1148	10	10
MSSP007	3	544	4	4	638	6	6	6	603	5	5	1158	12	12	12	1138	10	10
MSSP008	1	604	1	1	700	1	1	1	667	0	0	1230	0	0	0	1211	0	0
MSSP009	15	515	16	16	609	14	14	14	574	15	15	1130	8	8	8	1111	7	7
MSSP010	21	506	17	19	601	19	21	21	567	19	21	1135	11	13	13	1116	11	13
MSSP011	—	497	17	—	591	17	—	—	556	16	—	1122	10	—	—	1103	8	—
MSSP012	0	593	0	0	689	0	0	0	657	0	0	1232	0	0	0	1213	0	0
MSSP013	0	580	0	0	678	0	0	0	647	0	0	1242	0	0	0	1223	0	0
MSSP014	17	434	17	17	529	22	22	22	495	16	16	1086	13	13	13	1067	11	11
MSSP015	17	428	17	17	524	22	22	22	491	16	16	1090	13	13	13	1071	11	11
MSSP016	0	637	0	0	736	0	0	0	707	0	0	1313	5	5	5	1294	5	5
MSSP017	0	633	0	0	732	0	0	0	703	0	0	1309	0	0	0	1290	0	0
MSSP018	0	627	0	0	726	0	0	0	697	0	0	1304	0	0	0	1285	0	0
MSSP019	0	625	0	0	724	0	0	0	696	0	0	1303	5	5	5	1284	5	5
MSSP020	1	632	0	0	731	3	3	3	704	0	0	1317	0	0	0	1298	0	0
MSSP021	0	625	0	0	725	0	0	0	698	0	0	1321	0	0	0	1302	0	0
MSSP022	6	632	5	5	732	9	9	9	706	5	5	1331	2	2	2	1312	2	2
MSSP023	6	625	5	5	725	9	9	9	699	5	5	1329	3	3	3	1310	2	2
MSSP024	0	574	0	0	672	0	0	0	643	0	0	1248	0	0	0	1229	0	0
MSSP025	0	568	0	0	668	0	0	0	639	0	0	1254	0	0	0	1235	0	0
MSSP026	0	564	0	0	663	0	0	0	636	0	0	1259	0	0	0	1240	0	0
MSSP027	16	487	16	16	586	20	20	20	557	15	15	1182	0	0	0	1163	0	0
MSSP028	—	471	33	—	570	34	—	—	541	33	—	1171	19	—	—	1152	19	—
MSSP029	16	470	16	16	568	21	21	21	539	15	15	1165	0	0	0	1146	0	0
MSSP030	17	437	17	17	535	21	21	21	505	16	16	1133	0	0	0	1114	0	0
MSSP031	17	415	18	18	512	22	22	22	482	16	16	1111	0	0	0	1092	0	0
MSSP032	18	402	18	18	499	22	22	22	468	17	17	1091	13	13	13	1072	11	11
MSSP033	—	377	18	—	474	17	—	—	443	17	—	1076	8	—	—	1057	8	—
MSSP034	2	531	2	2	631	0	0	0	606	1	1	1258	0	0	0	1239	0	0
MSSP035	10	502	11	11	602	14	14	14	576	9	9	1231	7	7	7	1212	3	3
MSSP036	8	487	5	5	587	9	9	9	561	4	4	1218	1	1	1	1199	0	0
MSSP037	—	430	24	—	530	22	—	—	505	22	—	1168	12	—	—	1150	12	—
MSSP038	23	380	—	23	480	—	21	21	454	—	22	1123	—	11	11	1105	—	11
MSSP039	—	373	20	—	473	19	—	—	447	18	—	1117	10	—	—	1099	9	—
MSSP040	24	515	24	24	616	24	24	24	592	23	23	1256	20	20	20	1237	20	20
MSSP041	6	498	5	5	598	9	9	9	574	4	4	1241	1	1	1	1222	0	0
MSSP042	8	524	6	6	624	8	8	8	601	5	5	1268	3	3	3	1249	3	3
MSSP043	0	540	0	0	640	0	0	0	617	0	0	1286	0	0	0	1268	0	0
MSSP044	6	495	5	5	595	9	9	9	573	4	4	1247	1	1	1	1228	0	0
MSSP045	8	423	9	9	523	12	12	12	500	7	7	1182	4	4	4	1163	0	0
MSSP046	8	479	5	5	580	9	9	9	557	4	4	1238	1	1	1	1219	0	0
MSSP047	7	537	5	5	637	6	6	6	616	4	4	1293	1	1	1	1274	1	1
MSSP048	0	537	0	0	637	0	0	0	616	0	0	1295	0	0	0	1277	0	0
MSSP049	0	535	0	0	635	0	0	0	614	0	0	1296	0	0	0	1278	0	0

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
MSSP050	6	531	8	8	631	11	11	11	611	8	8	1298	8	8	8	1279	8	8
MSSP051	8	477	13	13	577	14	14	14	557	14	14	1252	9	9	9	1233	5	5
MSSP052	8	467	13	13	566	14	14	14	547	14	14	1243	9	9	9	1224	5	5
MSSP053	—	452	34	—	552	34	—	—	530	33	—	1219	17	—	—	1201	17	—
MSSP054	0	437	4	4	537	4	4	4	517	8	8	1219	4	4	4	1200	0	0
MSSP055	0	406	5	5	506	6	6	6	486	9	9	1192	4	4	4	1173	0	0
MSSP056	3	365	7	7	465	7	7	7	445	9	9	1156	4	4	4	1138	0	0
MSSP057	3	499	3	3	599	4	4	4	581	4	4	1284	4	4	4	1266	3	3
MSSP058	10	509	9	9	608	10	10	10	591	9	9	1296	14	14	14	1278	11	11
MSSP059	10	509	9	9	608	10	10	10	591	9	9	1297	14	14	14	1279	11	11
MSSP060	2	488	2	2	587	2	2	2	570	2	2	1276	1	1	1	1258	1	1
MSSP061	2	489	2	2	588	2	2	2	570	2	2	1277	1	1	1	1258	1	1
MSSP062	3	489	2	2	588	2	2	2	570	2	2	1278	0	0	0	1259	0	0
MSSP063	3	489	2	2	588	2	2	2	570	2	2	1278	0	0	0	1260	0	0
MSSP064	3	489	2	2	588	3	3	3	571	2	2	1279	0	0	0	1261	0	0
MSSP065	0	481	0	0	580	0	0	0	563	0	0	1272	0	0	0	1254	0	0
MSSP066	0	482	0	0	580	0	0	0	564	0	0	1277	0	0	0	1259	0	0
MSSP067	7	528	7	7	626	8	8	8	610	8	8	1319	4	4	4	1301	4	4
MSSP068	12	502	5	5	600	9	9	9	584	4	4	1301	2	2	2	1283	2	2
MSSP069	—	475	10	—	572	10	—	—	557	9	—	1278	4	—	—	1259	4	—
MSSP070	—	531	9	—	628	9	—	—	615	9	—	1340	0	—	—	1322	0	—
MSSP071	0	449	0	0	548	0	0	0	530	0	0	1239	0	0	0	1221	0	0
MSSP072	12	344	12	12	443	13	13	13	426	10	10	1151	4	4	4	1133	0	0
MSSP073	7	417	7	7	515	5	5	5	499	5	5	1221	1	1	1	1203	0	0
MSSP074	11	380	11	11	478	10	10	10	463	9	9	1190	1	1	1	1172	0	0
MSSP075	10	413	9	9	510	12	12	12	496	7	7	1223	0	0	0	1205	0	0
MSSP076	0	439	0	0	537	0	0	0	523	0	0	1249	0	0	0	1231	0	0
MSSP077	11	355	12	12	452	13	13	13	438	10	10	1175	4	4	4	1157	0	0
MSSP078	15	401	15	15	498	18	18	18	485	13	13	1222	3	3	3	1204	3	3
MSSP079	18	376	18	18	472	18	18	18	460	16	16	1203	9	9	9	1186	5	5
MSSP080	0	440	0	0	535	0	0	0	524	0	0	1262	0	0	0	1244	0	0
MSSP081	0	424	0	0	519	0	0	0	508	0	0	1248	0	0	0	1230	0	0
MSSP082	0	396	0	0	491	0	0	0	481	0	0	1226	0	0	0	1208	0	0
MSSP083	5	394	0	0	489	2	2	2	478	0	0	1224	0	0	0	1206	0	0
MSSP084	—	225	27	—	325	26	—	—	302	26	—	1018	12	—	—	1000	12	—
MSSP085	—	235	32	—	334	32	—	—	318	30	—	1062	20	—	—	1045	18	—
MSSP086	0	497	0	0	595	0	0	0	581	0	0	1305	0	0	0	1287	0	0
MSSP087	0	504	0	0	602	0	0	0	588	0	0	1311	0	0	0	1293	0	0
MSSL001	31	333 / 865	33	31	433 / 956	32	30	30	409 / 918	32	30	1046 / 1355	28	26	26	1026 / 1336	27	25
MSSL002	—	376 / 728	31	—	439 / 824	31	—	—	395 / 790	32	—	813 / 1325	26	—	—	794 / 1306	25	—
MSSL003	0	347 / 722	30	0	430 / 818	30	0	0	391 / 784	30	0	943 / 1313	24	0	0	924 / 1294	22	0
MSSL004	0	288 / 486	32	0	387 / 582	31	0	0	370 / 548	30	0	1068 / 1129	22	0	0	1049 / 1110	21	0
MSSL005	0	429 / 562	30	0	522 / 656	30	0	0	487 / 621	30	0	1065 / 1167	23	0	0	1046 / 1148	22	0
MSSL006	0	378 / 657	15	0	476 / 757	14	—	—	445 / 734	15	—	1062 / 1383	7	—	—	1043 / 1364	6	—
MSSL007	—	381 / 658	14	—	478 / 758	14	—	—	447 / 735	14	—	1063 / 1383	6	—	—	1044 / 1364	6	—
MSSL008	0	140 / 421	32	0	238 / 513	32	0	0	209 / 478	32	0	887 / 1107	21	0	0	869 / 1088	20	0
MSSL009	0	453 / 607	13	—	551 / 704	15	—	—	536 / 671	12	—	1238 / 1348	7	—	—	1219 / 1330	7	—
MSSL010	—	534 / 656	0	—	633 / 756	2	—	—	615 / 733	0	—	1278 / 1382	0	—	—	1259 / 1363	0	—
MSSL011	30	340 / 402	—	31	440 / 502	—	29	29	416 / 475	—	29	1081 / 1156	—	20	20	1063 / 1137	—	20

Table MSS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Stationary Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Distance (m)	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)
MSSL012	32	441 / 537	—	32	534 / 629	—	32	32	500 / 593	—	32	1067 / 1149	—	25	25	1048 / 1130	—	24
MSSL013	26	250 / 333	—	26	349 / 433	—	24	24	332 / 416	—	24	1059 / 1163	—	13	13	1041 / 1145	—	12
MSSL014	17	521 / 601	—	13	618 / 698	—	14	14	605 / 666	—	12	1238 / 1379	—	8	8	1218 / 1361	—	8
MSSL015	0	333 / 972	26	0	433 / 1032	25	0	0	409 / 987	25	0	1046 / 1137	22	0	0	1026 / 1118	20	0
MSSL016	0	429 / 866	30	0	522 / 932	30	0	0	487 / 887	30	0	940 / 1142	27	0	0	923 / 1123	26	0
MSSL017	0	307 / 617	24	0	405 / 713	24	0	0	390 / 680	23	0	1060 / 1351	15	0	0	1041 / 1333	14	0
MSSL018	0	307 / 618	26	0	405 / 714	26	0	0	390 / 680	25	0	1061 / 1350	17	0	0	1042 / 1332	16	0
MSSL019	0	396 / 397	0	0	491 / 492	0	0	0	480 / 481	0	0	1224 / 1226	0	0	0	1206 / 1208	0	0
MSSL020	0	392 / 392	0	0	487 / 488	0	0	0	476 / 477	0	0	1221 / 1221	0	0	0	1203 / 1204	0	0
MSSA001	0	393 / 401	0	0	488 / 494	0	0	0	477 / 485	0	0	1220 / 1239	0	0	0	1202 / 1221	0	0
MSSA002	0	389 / 396	0	0	485 / 490	0	0	0	473 / 480	0	0	1211 / 1230	0	0	0	1193 / 1213	0	0
MSSA003	0	387 / 394	0	0	484 / 488	0	0	0	471 / 478	0	0	1208 / 1227	0	0	0	1190 / 1209	0	0
MSSV001	0	602 / 604	0	0	698 / 699	0	0	0	664 / 666	0	0	1223 / 1225	8	8	8	1204 / 1206	6	6
MSSV002	0	590 / 593	0	0	686 / 688	0	0	0	652 / 655	0	0	1210 / 1213	10	10	10	1191 / 1194	9	9
MSSV003	0	585 / 586	0	0	680 / 681	0	0	0	647 / 648	0	0	1205 / 1206	0	0	0	1185 / 1186	0	0
MSSV004	11	567 / 571	14	14	662 / 666	14	14	14	628 / 632	14	14	1184 / 1187	21	21	21	1164 / 1168	20	20
MSSV005	13	547 / 551	18	18	641 / 645	18	18	18	607 / 611	18	18	1161 / 1165	21	21	21	1142 / 1146	20	20
MSSV006	10	523 / 523	10	10	618 / 618	11	11	11	585 / 585	10	10	1160 / 1160	4	4	4	1141 / 1141	2	2
MSSV007	28	524 / 524	28	28	620 / 620	28	28	28	586 / 586	28	28	1159 / 1159	21	21	21	1140 / 1140	20	20
MSSV008	25	525 / 525	25	25	620 / 620	27	27	27	587 / 587	26	26	1159 / 1159	21	21	21	1140 / 1140	20	20
MSSV009	0	565 / 565	0	0	665 / 665	0	0	0	637 / 637	0	0	1257 / 1257	0	0	0	1238 / 1238	0	0
MSSV010	6	416 / 418	8	8	512 / 515	8	8	8	480 / 483	9	9	1092 / 1095	8	8	8	1073 / 1076	8	8
MSSV011	26	481 / 485	25	25	579 / 583	24	24	24	550 / 554	25	25	1176 / 1179	0	0	0	1157 / 1161	0	0
MSSV012	19	423 / 427	18	18	521 / 525	17	17	17	491 / 495	18	18	1119 / 1123	0	0	0	1100 / 1104	0	0
MSSV013	19	406 / 408	19	19	503 / 506	18	18	18	473 / 476	18	18	1102 / 1105	0	0	0	1083 / 1086	0	0
MSSV014	1	533 / 533	1	1	632 / 632	2	2	2	605 / 605	0	0	1242 / 1242	0	0	0	1223 / 1223	0	0
MSSV015	0	532 / 532	0	0	631 / 631	0	0	0	613 / 613	0	0	1313 / 1315	0	0	0	1295 / 1297	0	0
MSSV016	3	469 / 474	2	2	567 / 572	2	2	2	552 / 557	0	0	1273 / 1278	0	0	0	1255 / 1259	0	0
MSSV017	—	530 / 535	0	—	628 / 633	0	—	—	613 / 618	0	—	1334 / 1338	0	—	—	1316 / 1320	0	—
MSSV018	—	520 / 527	4	—	618 / 625	2	—	—	603 / 610	2	—	1325 / 1331	0	—	—	1307 / 1313	0	—
MSSV019	0	397 / 397	0	0	492 / 492	0	0	0	481 / 482	0	0	1225 / 1226	0	0	0	1207 / 1209	0	0
MSSV020	0	396 / 397	0	0	491 / 492	0	0	0	480 / 481	0	0	1225 / 1226	0	0	0	1208 / 1208	0	0
MSSV021	2	395 / 396	0	0	491 / 491	0	0	0	480 / 480	0	0	1224 / 1225	0	0	0	1206 / 1207	0	0
MSSV022	2	394 / 394	0	0	489 / 490	0	0	0	478 / 479	0	0	1223 / 1224	0	0	0	1205 / 1206	0	0
MSSV023	3	391 / 394	0	0	486 / 489	0	0	0	476 / 479	0	0	1221 / 1224	0	0	0	1203 / 1206	0	0
MSSV024	6	391 / 391	0	0	486 / 486	0	0	0	475 / 475	0	0	1220 / 1221	0	0	0	1202 / 1203	0	0

Table MSS2: Acoustic Assessment Summary - Mitigated Normal Operations (Stationary Source)

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBA)	Overall Evening Sound Pressure Level (dBA)	Overall Night-time Sound Pressure Level (dBA)	Verified by Acoustic Audit	Daytime Performance Limit (dBA)	Evening Performance Limit (dBA)	Night-time Performance Limit (dBA)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	44	38	38	No	50	50	45	Yes
OPOR001	Outdoor Class 2	44	38	38	No	50	45	—	Yes
POR002	2 Storey Class 3	42	40	40	No	45	40	40	Yes
OPOR002	Outdoor Class 3	40	38	38	No	45	40	—	Yes
POR003	2 Storey Class 3	41	39	39	No	45	40	40	Yes
OPOR003	Outdoor Class 3	40	37	37	No	45	40	—	Yes
POR004	1 1/2 Storey Class 3	45	40	40	No	45	40	40	Yes
OPOR004	Outdoor Class 3	45	38	38	No	45	40	—	Yes
POR005	1 1/2 Storey Class 3	45	40	40	No	45	40	40	Yes
OPOR005	Outdoor Class 3	44	39	39	No	45	40	—	Yes
POR006	1 Storey Class 3	43	39	39	No	45	40	40	Yes
OPOR006	Outdoor Class 3	43	38	38	No	45	40	—	Yes
POR007	2 Storey Class 3	43	39	39	No	45	40	40	Yes
OPOR007	Outdoor Class 3	43	38	38	No	45	40	—	Yes
POR008	2 Storey Class 3	36	33	33	No	45	40	40	Yes
OPOR008	Outdoor Class 3	35	32	32	No	45	40	—	Yes

Table MIS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Impulsive Source)

Source ID	POR001				OPOR001			POR002				OPOR002			POR003				
	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)
MIP001	980	0	0	0	950	0	0	605	27	27	27	576	25	25	549	27	27	27	519

Table MIS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Impulsive Source)

Source ID	OPOR003		POR004				OPOR004			POR005				OPOR005			POR006		
	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)
MIP001	26	26	193	37	37	37	176	37	37	339	27	27	27	332	19	19	393	21	21

Table MIS1: Point of Reception Predicted Sound Levels - Mitigated Normal Operations (Impulsive Source)

Source ID		OPOR006			POR007				OPOR007			POR008				OPOR008		
	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Distance (m)	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)
MIP001	21	392	15	15	488	18	18	18	477	13	13	1221	0	0	0	1204	0	0

Table MIS2: Acoustic Assessment Summary - Mitigated Normal Operations (Impulsive Source)

POR ID	POR Description	Overall Daytime Sound Pressure Level (dBAI)	Overall Evening Sound Pressure Level (dBAI)	Overall Night-time Sound Pressure Level (dBAI)	Verified by Acoustic Audit	Daytime Performance Limit (dBAI)	Evening Performance Limit (dBAI)	Night-time Performance Limit (dBAI)	Compliance with Performance Limit (Yes/No)
POR001	1 Storey Class 2	0	0	0	No	50	50	45	Yes
OPOR001	Outdoor Class 2	0	0	0	No	50	45	—	Yes
POR002	2 Storey Class 3	27	27	27	No	45	40	40	Yes
OPOR002	Outdoor Class 3	25	25	25	No	45	40	—	Yes
POR003	2 Storey Class 3	27	27	27	No	45	40	40	Yes
OPOR003	Outdoor Class 3	26	26	26	No	45	40	—	Yes
POR004	1 1/2 Storey Class 3	37	37	37	No	45	40	40	Yes
OPOR004	Outdoor Class 3	37	37	37	No	45	40	—	Yes
POR005	1 1/2 Storey Class 3	27	27	27	No	45	40	40	Yes
OPOR005	Outdoor Class 3	19	19	19	No	45	40	—	Yes
POR006	1 Storey Class 3	21	21	21	No	45	40	40	Yes
OPOR006	Outdoor Class 3	15	15	15	No	45	40	—	Yes
POR007	2 Storey Class 3	18	18	18	No	45	40	40	Yes
OPOR007	Outdoor Class 3	13	13	13	No	45	40	—	Yes
POR008	2 Storey Class 3	0	0	0	No	45	40	40	Yes
OPOR008	Outdoor Class 3	0	0	0	No	45	40	—	Yes