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APPENDIX 11-4

CUMULATIVE CONSTRUCTION NOISE IMPACTS – PROPOSED PROJECT

Appendix 11-4 Cumulative Construction Noise Impacts – Proposed Project

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Table 1 Construction phase noise impacts – Worst case cumulative scenario based on Proposed Project, including Proposed Development construction scenario 2.

Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R01	69	48	Moderate adverse
R02	66	48	Moderate adverse
R03	69	48	Moderate adverse
R04	68	48	Moderate adverse
R05	63	48	Slight adverse
R06	64	48	Slight adverse
R07	64	48	Slight adverse
R08	64	48	Slight adverse
R09	69	48	Moderate adverse
R10	71	48	Significant adverse
R11	63	48	Slight adverse
R12	59	48	Not significant adverse
R13	53	48	Not significant adverse
R14	51	48	Not significant adverse
R15	53	48	Not significant adverse
R16	72	48	Significant adverse
R17	64	48	Slight adverse
R18	68	48	Moderate adverse
R19	58	48	Not significant adverse
R20	59	48	Not significant adverse
R21	62	48	Slight adverse
R22	62	48	Slight adverse
R23	61	48	Slight adverse
R24	61	48	Slight adverse
R25	59	48	Not significant adverse
R26	57	48	Not significant adverse
R27	60	48	Slight adverse
R28	61	48	Slight adverse
R29	60	48	Slight adverse
R30	60	48	Slight adverse
R31	58	48	Not significant adverse
R32	57	48	Not significant adverse
R33	57	48	Not significant adverse
R34	57	48	Not significant adverse
R35	60	49	Slight adverse
R36	61	49	Slight adverse
R37	59	49	Not significant adverse
R38	59	49	Not significant adverse
R39	59	49	Not significant adverse
R40	59	49	Not significant adverse
R41	59	49	Not significant adverse
R42	61	49	Slight adverse
R43	65	49	Slight adverse
R44	65	49	Slight adverse
R45	63	49	Slight adverse
R46	73	49	Significant adverse
R47	64	49	Slight adverse
R48	63	49	Slight adverse
R49	65	49	Slight adverse
R50	64	49	Slight adverse
R51	67	49	Moderate adverse
R52	66	49	Moderate adverse

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Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R53	62	49	Slight adverse
R54	60	49	Slight adverse
R55	70	49	Significant adverse
R56	62	49	Slight adverse
R57	63	49	Slight adverse
R58	61	49	Slight adverse
R59	62	49	Slight adverse
R60	60	48	Slight adverse
R61	60	48	Slight adverse
R62	61	48	Slight adverse
R63	60	48	Slight adverse
R64	60	48	Slight adverse
R65	62	48	Slight adverse
R66	59	48	Not significant adverse
R67	59	48	Not significant adverse
R68	58	48	Not significant adverse
R69	58	48	Not significant adverse
R70	56	48	Not significant adverse
R71	57	48	Not significant adverse
R72	57	48	Not significant adverse
R73	56	48	Not significant adverse
R74	54	48	Not significant adverse

Table 2 Construction phase noise impacts – Worst case cumulative scenario based on Proposed Project, including Proposed Development construction scenario 3.

Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R01	66	48	Moderate adverse
R02	63	48	Slight adverse
R03	67	48	Moderate adverse
R04	61	48	Slight adverse
R05	61	48	Slight adverse
R06	59	48	Not significant adverse
R07	58	48	Not significant adverse
R08	56	48	Not significant adverse
R09	58	48	Not significant adverse
R10	59	48	Not significant adverse
R11	57	48	Not significant adverse
R12	55	48	Not significant adverse
R13	52	48	Not significant adverse
R14	52	48	Not significant adverse
R15	52	48	Not significant adverse
R16	60	48	Slight adverse
R17	64	48	Slight adverse
R18	68	48	Moderate adverse
R19	57	48	Not significant adverse
R20	58	48	Not significant adverse
R21	56	48	Not significant adverse
R22	57	48	Not significant adverse
R23	53	48	Not significant adverse
R24	52	48	Not significant adverse
R25	58	48	Not significant adverse
R26	55	48	Not significant adverse
R27	60	48	Slight adverse
R28	62	48	Slight adverse
R29	61	48	Slight adverse
R30	60	48	Slight adverse
R31	55	48	Not significant adverse
R32	56	48	Not significant adverse
R33	57	48	Not significant adverse

Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R34	57	48	Not significant adverse
R35	60	49	Slight adverse
R36	62	49	Slight adverse
R37	61	49	Slight adverse
R38	62	49	Slight adverse
R39	61	49	Slight adverse
R40	62	49	Slight adverse
R41	61	49	Slight adverse
R42	66	49	Moderate adverse
R43	67	49	Moderate adverse
R44	65	49	Slight adverse
R45	65	49	Slight adverse
R46	73	49	Significant adverse
R47	66	49	Moderate adverse
R48	63	49	Slight adverse
R49	65	49	Slight adverse
R50	65	49	Slight adverse
R51	67	49	Moderate adverse
R52	66	49	Moderate adverse
R53	62	49	Slight adverse
R54	61	49	Slight adverse
R55	70	49	Significant adverse
R56	63	49	Slight adverse
R57	64	49	Slight adverse
R58	63	49	Slight adverse
R59	63	49	Slight adverse
R60	58	48	Not significant adverse
R61	58	48	Not significant adverse
R62	60	48	Slight adverse
R63	60	48	Slight adverse
R64	59	48	Not significant adverse
R65	60	48	Slight adverse
R66	59	48	Not significant adverse
R67	59	48	Not significant adverse
R68	58	48	Not significant adverse
R69	58	48	Not significant adverse
R70	60	48	Slight adverse
R71	60	48	Slight adverse
R72	59	48	Not significant adverse
R73	59	48	Not significant adverse
R74	56	48	Not significant adverse

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