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APPENDIX 11-6

CUMULATIVE CONSTRUCTION NOISE IMPACTS – PROPOSED DEVELOPMENT

Appendix 11-6 Cumulative Construction Noise Impacts – Proposed Development

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Table 1 Construction phase noise impacts – Worst case cumulative scenario based on Proposed Development construction scenario 2, excluding LRD East.

Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R01	68	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	63	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	52	48	Not significant adverse
R14	50	48	Not significant adverse
R15	53	48	Not significant adverse
R16	71	48	Significant adverse
R17	62	48	Slight adverse
R18	62	48	Slight 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	56	48	Not significant adverse
R27	54	48	Not significant adverse
R28	56	48	Not significant adverse
R29	55	48	Not significant adverse
R30	56	48	Not significant adverse
R31	53	48	Not significant adverse
R32	53	48	Not significant adverse
R33	51	48	Not significant adverse
R34	51	48	Not significant adverse
R35	55	49	Not significant adverse
R36	54	49	Not significant adverse
R37	55	49	Not significant adverse
R38	55	49	Not significant adverse
R39	56	49	Not significant adverse
R40	56	49	Not significant adverse
R41	57	49	Not significant adverse
R42	57	49	Not significant adverse
R43	64	49	Slight adverse
R44	64	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	61	48	Slight adverse
R66	59	48	Not significant adverse
R67	58	48	Not significant adverse
R68	57	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 Development construction scenario 3, excluding LRD East.

Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R01	65	48	Slight adverse
R02	63	48	Slight adverse
R03	66	48	Moderate adverse
R04	59	48	Not significant adverse
R05	60	48	Slight adverse
R06	57	48	Not significant adverse
R07	57	48	Not significant adverse
R08	54	48	Not significant adverse
R09	57	48	Not significant adverse
R10	57	48	Not significant adverse
R11	57	48	Not significant adverse
R12	54	48	Not significant adverse
R13	51	48	Not significant adverse
R14	51	48	Not significant adverse
R15	51	48	Not significant adverse
R16	59	48	Not significant adverse
R17	62	48	Slight adverse
R18	58	48	Not significant adverse
R19	57	48	Not significant adverse
R20	57	48	Not significant adverse
R21	55	48	Not significant adverse
R22	56	48	Not significant adverse
R23	52	48	Not significant adverse
R24	48	48	Not significant adverse
R25	57	48	Not significant adverse
R26	53	48	Not significant adverse
R27	55	48	Not significant adverse
R28	57	48	Not significant adverse
R29	56	48	Not significant adverse
R30	55	48	Not significant adverse
R31	54	48	Not significant adverse
R32	50	48	Not significant adverse
R33	49	48	Not significant adverse

Receptor	$L_{Aeq\ 1\ h}$	Baseline $L_{Aeq\ T}$	Impact
R34	49	48	Not significant adverse
R35	56	49	Not significant adverse
R36	58	49	Not significant adverse
R37	59	49	Not significant adverse
R38	60	49	Slight adverse
R39	59	49	Not significant adverse
R40	60	49	Slight adverse
R41	59	49	Not significant 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	64	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	58	48	Not significant adverse
R65	60	48	Slight adverse
R66	59	48	Not significant adverse
R67	58	48	Not significant adverse
R68	58	48	Not significant adverse
R69	58	48	Not significant adverse
R70	60	48	Slight adverse
R71	59	48	Slight adverse
R72	59	48	Not significant adverse
R73	59	48	Not significant adverse
R74	55	48	Not significant adverse

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