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APPENDIX 11-5

CUMULATIVE CONSTRUCTION NOISE LEVELS – PROPOSED DEVELOPMENT

Appendix 11-5 Cumulative Construction Noise Levels – Proposed Development

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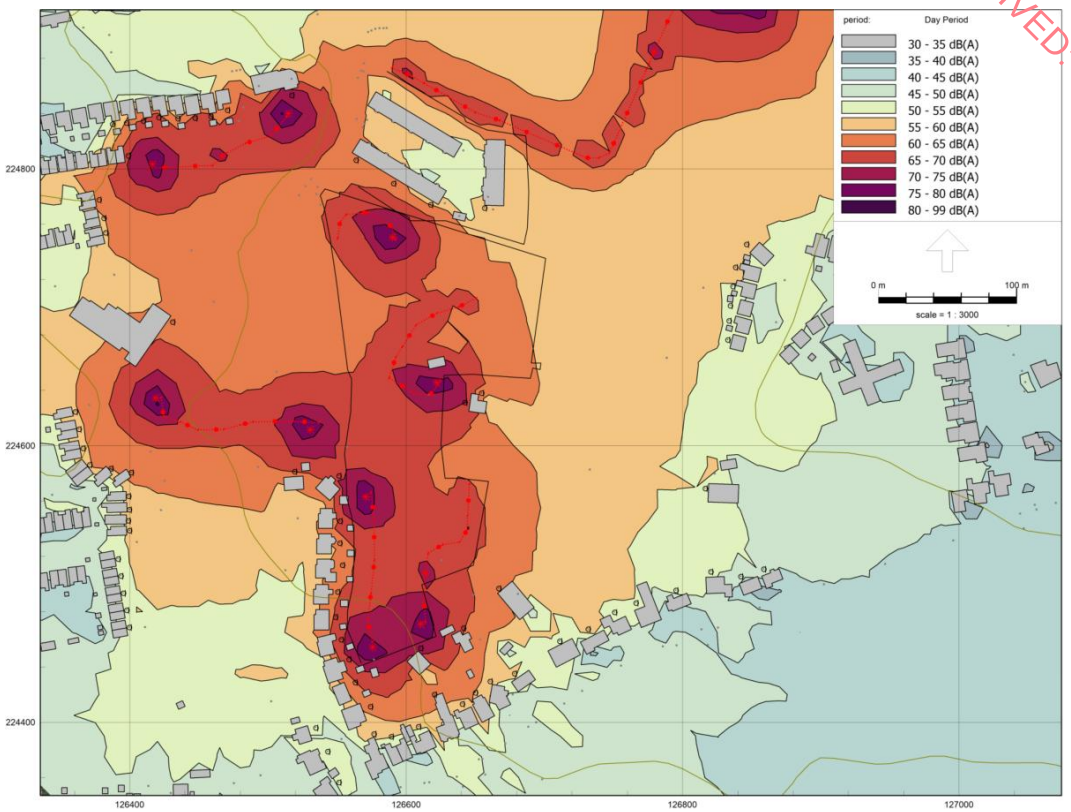


Figure 1 Predicted $L_{Aeq\ 1\ h}$ contours – Worst case cumulative construction scenario including Proposed Development construction scenario 2, and excluding LRD East.

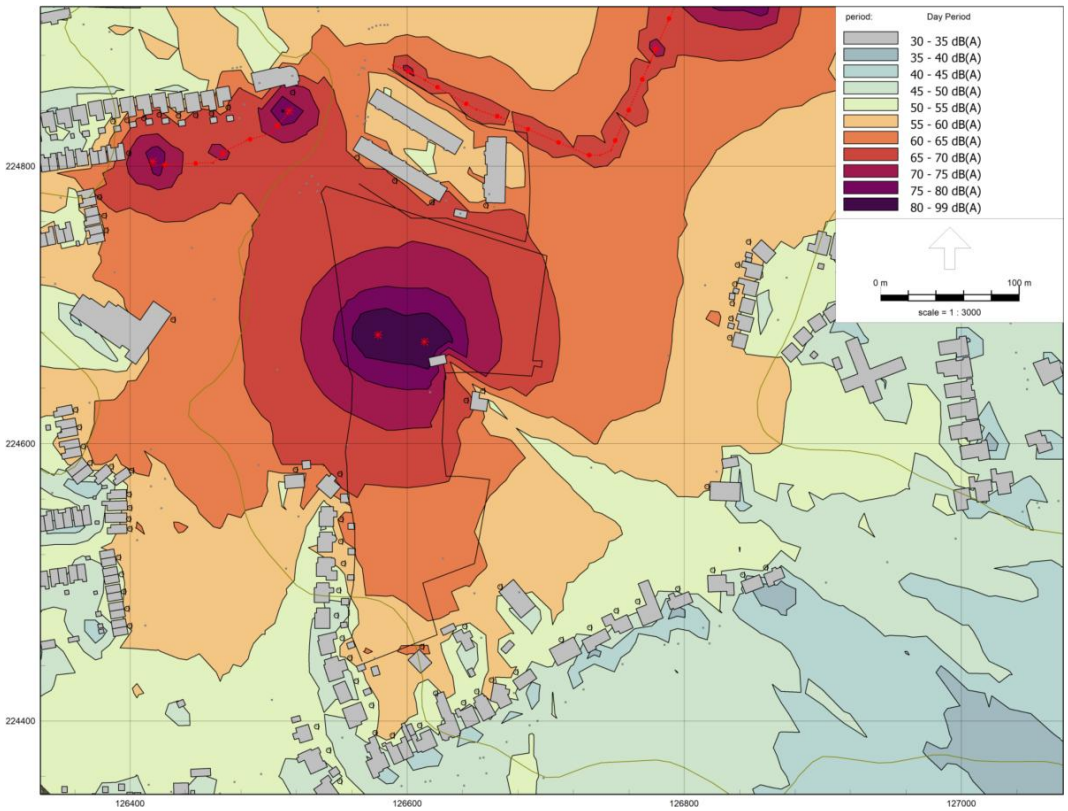


Figure 2 Predicted $L_{Aeq\ 1\ h}$ contours – Worst case cumulative construction scenario including Proposed Development construction scenario 3, and excluding LRD East.

Table 1 Predicted $L_{Aeq\ 1\ h}$ levels (dB) at receptors – Worst case cumulative construction scenario excluding LRD East.

Receptor	Including Proposed Development construction scenario 2				Including Proposed Development construction scenario 3			
	2 m	4 m	6 m	8 m	2 m	4 m	6 m	8 m
R01	68	-	-	-	65	-	-	-
R02	66	66	-	-	63	62	-	-
R03	69	69	-	-	66	66	-	-
R04	68	68	-	-	59	59	-	-
R05	63	63	-	-	59	60	-	-
R06	63	64	-	-	56	57	-	-
R07	63	63	-	-	55	57	-	-
R08	64	64	-	-	53	54	-	-
R09	69	69	-	-	56	57	-	-
R10	71	71	-	-	57	57	-	-
R11	62	63	-	-	57	57	-	-
R12	58	59	-	-	52	54	-	-
R13	51	52	-	-	48	51	-	-
R14	49	50	-	-	48	51	-	-
R15	52	53	-	-	47	51	-	-
R16	71	71	-	-	59	59	-	-
R17	62	62	-	-	62	62	-	-
R18	62	62	-	-	57	58	-	-
R19	58	58	-	-	57	57	-	-
R20	59	59	-	-	57	57	-	-
R21	61	62	-	-	53	55	-	-
R22	62	62	-	-	55	56	-	-
R23	60	61	-	-	49	52	-	-
R24	60	61	-	-	46	48	-	-
R25	59	59	-	-	57	57	-	-
R26	55	56	-	-	53	53	-	-
R27	53	54	-	-	54	55	-	-
R28	56	56	-	-	57	57	-	-
R29	55	55	-	-	56	56	-	-
R30	55	56	-	-	55	55	-	-
R31	53	53	-	-	54	54	-	-
R32	52	53	-	-	49	50	-	-
R33	50	51	-	-	48	49	-	-
R34	50	51	-	-	49	49	-	-
R35	55	55	-	-	56	56	-	-
R36	54	54	-	-	58	58	-	-
R37	55	55	-	-	59	59	-	-
R38	55	55	-	-	60	60	-	-
R39	56	56	-	-	59	59	-	-
R40	56	56	-	-	60	60	-	-
R41	57	57	-	-	59	59	-	-
R42	50	54	56	57	61	65	66	66
R43	58	61	64	64	62	67	67	67
R44	59	61	64	64	61	65	65	65
R45	62	62	63	63	63	64	65	65
R46	73	72	72	-	73	73	72	-
R47	64	64	-	-	66	66	-	-
R48	63	63	-	-	63	63	-	-
R49	65	65	-	-	65	65	-	-
R50	64	64	-	-	64	64	-	-
R51	67	67	-	-	67	67	-	-
R52	66	66	-	-	66	66	-	-
R53	61	62	-	-	62	62	-	-
R54	60	60	-	-	61	61	-	-
R55	70	70	-	-	70	70	-	-
R56	62	62	-	-	63	63	-	-

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Receptor	Including Proposed Development construction scenario 2				Including Proposed Development construction scenario 3			
R57	63	63	-	-	64	64	-	-
R58	61	61	-	-	63	63	-	-
R59	62	62	-	-	63	62	-	-
R60	60	60	-	-	58	58	-	-
R61	60	60	-	-	58	58	-	-
R62	61	61	-	-	60	60	-	-
R63	60	60	-	-	60	60	-	-
R64	60	60	-	-	58	58	-	-
R65	61	61	-	-	60	60	-	-
R66	59	59	-	-	59	58	-	-
R67	58	58	-	-	58	58	-	-
R68	58	58	-	-	58	58	-	-
R69	57	57	-	-	58	58	-	-
R70	56	55	-	-	60	59	-	-
R71	57	57	-	-	59	59	-	-
R72	57	56	-	-	59	59	-	-
R73	56	55	-	-	59	59	-	-
R74	54	54	-	-	55	55	-	-

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