



APPENDIX 4.13.1

DETAILED RESULTS OF ROAD TRAFFIC NOISE ASSESSMENT (MITIGATED SCENARIO) – LFR PORTION

Appendix 4.13.1 - Detailed Results of Road Traffic Noise Assessment - LFR Portion (Mitigated Scenario)

NSR	Description	NAP	Assessment Point Elevation (mPD)	Type of Use	Noise Criteria, L10(1-hr), dB(A)	AM								PM							
						Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation				Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation			
						Without Project	With Project	With Project	All Other Roads	Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required	Without Project	With Project	With Project	All Other Roads	Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required
						Overall	Overall	Project Roads	All Other Roads	Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required	Overall	Overall	Project Roads	All Other Roads	Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required
L27	Tsing Shan Tsuen No. 83	L27_1_1	12.8	Residential	70	78	77	61	77	No	Yes	0.1	No	77	77	60	77	No	Yes	0.1	No
L27	Tsing Shan Tsuen No. 82	L27_2_1	13.7	Residential	70	77	77	62	77	No	Yes	0.1	No	77	77	61	77	No	Yes	0.2	No
L27	Tsing Shan Tsuen No. 82	L27_2_2	16.5	Residential	70	77	77	62	77	No	Yes	0.1	No	77	77	61	77	No	Yes	0.2	No
L27	Tsing Shan Tsuen No. 98	L27_3_1	16.6	Residential	70	75	75	62	74	No	Yes	0.2	No	75	75	61	74	No	Yes	0.2	No
L27	Tsing Shan Tsuen No. 98	L27_3_2	19.4	Residential	70	75	75	62	74	No	Yes	0.2	No	75	75	61	74	No	Yes	0.2	No
L27	Tsing Shan Tsuen No. 113	L27_4_1	18.9	Residential	70	74	74	64	75	No	Yes	0.4	No	74	74	63	74	No	Yes	0.3	No
L27	Tsing Shan Tsuen No. 114	L27_5_1	18.9	Residential	70	73	73	63	73	No	Yes	0.5	No	73	73	62	73	No	Yes	0.3	No
L27	Tsing Shan Tsuen No. 114	L27_5_2	21.7	Residential	70	74	73	64	73	No	Yes	0.5	No	73	73	63	73	No	Yes	0.3	No
L27	Tsing Shan Tsuen No. 111A	L27_6_1	16.1	Residential	70	73	73	64	73	No	Yes	0.6	No	73	73	63	73	No	Yes	0.4	No
L27	Tsing Shan Tsuen No. 111A	L27_6_2	18.9	Residential	70	74	74	65	73	No	Yes	0.7	No	74	74	64	73	No	Yes	0.6	No
L28	Yuan Ming Monastery	L28_1_1	31.5	Place of Worship	65	62	62	52	61	No	No	0.5	No	61	62	51	61	No	No	0.4	No
L28	Yuan Ming Monastery	L28_1_2	35.0	Place of Worship	65	67	67	57	67	No	Yes	0.4	No	67	67	56	67	No	Yes	0.4	No
L28	Yuan Ming Monastery	L28_1_3	38.5	Place of Worship	65	68	68	58	68	No	Yes	0.5	No	68	68	57	68	No	Yes	0.3	No
L28	Yuan Ming Monastery	L28_1_4	42.0	Place of Worship	65	69	69	59	69	No	Yes	0.4	No	69	69	58	69	No	Yes	0.4	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_1	12.0	Educational	65	70	69	58	68	No	Yes	0.4	No	70	68	58	68	No	Yes	0.4	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_2	15.5	Educational	65	71	70	60	70	No	Yes	0.5	No	71	70	60	69	No	Yes	0.5	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_3	19.0	Educational	65	72	72	62	71	No	Yes	0.5	No	72	71	62	71	No	Yes	0.5	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_4	22.5	Educational	65	73	73	63	72	No	Yes	0.6	No	73	72	63	72	No	Yes	0.5	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_5	26.0	Educational	65	73	73	64	72	No	Yes	0.5	No	73	73	63	72	No	Yes	0.6	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_6	29.5	Educational	65	74	73	64	73	No	Yes	0.6	No	73	73	64	72	No	Yes	0.6	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_1_7	33.0	Educational	65	74	74	64	73	No	Yes	0.6	No	74	73	64	72	No	Yes	0.7	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_1	12.0	Educational	65	65	65	53	64	No	No	0.3	No	65	63	53	63	No	No	0.4	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_2	15.5	Educational	65	66	66	55	65	No	Yes	0.4	No	66	65	55	64	No	No	0.5	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_3	19.0	Educational	65	67	67	56	66	No	Yes	0.4	No	67	66	56	65	No	Yes	0.5	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_4	22.5	Educational	65	68	68	58	67	No	Yes	0.4	No	68	67	58	66	No	Yes	0.6	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_5	26.0	Educational	65	69	69	60	68	No	Yes	0.6	No	68	68	60	67	No	Yes	0.7	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_6	29.5	Educational	65	70	70	61	70	No	Yes	0.5	No	70	70	61	69	No	Yes	0.7	No
L30	Yan Chai Hospital No. 2 Secondary School	L30_2_7	33.0	Educational	65	71	71	62	71	No	Yes	0.5	No	71	71	62	70	No	Yes	0.7	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_3_1	11.8	Educational	65	67	66	51	66	No	Yes	0.2	No	67	65	52	65	No	No	0.2	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_3_2	15.3	Educational	65	67	67	53	67	No	Yes	0.2	No	68	66	54	66	No	Yes	0.2	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_3_3	18.8	Educational	65	68	67	54	67	No	Yes	0.2	No	68	67	55	66	No	Yes	0.3	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_3_4	22.3	Educational	65	68	67	55	67	No	Yes	0.2	No	68	67	56	67	No	Yes	0.3	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_3_5	25.8	Educational	65	68	68	56	68	No	Yes	0.3	No	68	67	57	67	No	Yes	0.5	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_3_6	29.3	Educational	65	69	69	58	68	No	Yes	0.4	No	69	68	59	68	No	Yes	0.5	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_4_1	11.8	Educational	65	69	67	50	67	No	Yes	0.1	No	69	67	53	67	No	Yes	0.2	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_4_2	15.3	Educational	65	69	69	52	69	No	Yes	0.1	No	70	68	55	68	No	Yes	0.2	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_4_3	18.8	Educational	65	70	70	54	70	No	Yes	0.1	No	70	69	57	69	No	Yes	0.3	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_4_4	22.3	Educational	65	71	71	56	71	No	Yes	0.1	No	71	70	58	70	No	Yes	0.3	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_4_5	25.8	Educational	65	72	72	59	72	No	Yes	0.2	No	72	71	62	71	No	Yes	0.5	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_4_6	29.3	Educational	65	72	72	60	72	No	Yes	0.3	No	72	72	63	71	No	Yes	0.7	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_5_1	11.8	Educational	65	68	67	52	67	No	Yes	0.1	No	68	66	53	66	No	Yes	0.2	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_5_2	15.3	Educational	65	68	68	54	67	No	Yes	0.2	No	68	67	55	66	No	Yes	0.3	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_5_3	18.8	Educational	65	68	68	56	68	No	Yes	0.3	No	68	67	56	66	No	Yes	0.4	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_5_4	22.3	Educational	65	68	68	57	68	No	Yes	0.4	No	68	67	58	67	No	Yes	0.5	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_5_5	25.8	Educational	65	69	68	58	68	No	Yes	0.4	No	69	68	59	67	No	Yes	0.7	No
L31	Ju Ching Chu Secondary School (Tuen Mun)	L31_5_6	29.3	Educational	65	69	69	59	69	No	Yes	0.5	No	69	68	61	68	No	Yes	0.7	No
L32	ICAC Training Camp	L32_1_1	13.7	Educational	65	64	64	50	64	No	No	0.1	No	64	64	53	64	No	No	0.4	No
L32	ICAC Training Camp	L32_1_2	17.2	Educational	65	70	71	53	70	No	Yes	0.1	No	70	70	55	70	No	Yes	0.2	No
L32	ICAC Training Camp	L32_1_3	20.7	Educational	65	72	72	55	72	No	Yes	0.2	No	72	72	58	71	No	Yes	0.2	No
L32	ICAC Training Camp	L32_2_1	14.3	Educational	65	67	67	52	67	No	Yes	0.0	No	66	66	55	66	No	Yes	0.3	No
L32	ICAC Training Camp	L32_2_2	17.8	Educational	65	72	73	55	72	No	Yes	0.1	No	72	72	57	72	No	Yes	0.2	No
L32	ICAC Training Camp	L32_3_1	14.3	Educational	65	68	68	52	68	No	Yes	0.1	No	68	68	55	67	No	Yes	0.2	No
L32	ICAC Training Camp	L32_3_2	17.8	Educational	65	73	73	54	73	No	Yes	0.1	No	73	72	56	72	No	Yes	0.1	No
L32	ICAC Training Camp	L32_4_1	14.0	Educational	65	67	67	52	67	No	Yes	0.1	No	66	67	55	67	No	Yes	0.2	No
L32	ICAC Training Camp	L32_4_2	17.5	Educational	65	72	73	54	72	No	Yes	0.1	No	72	72	57	72	No	Yes	0.1	No
L32	ICAC Training Camp	L32_5_1	14.0	Educational	65	68	69	51	69	No	Yes	0.1	No	68	68	54	68	No	Yes	0.2	No
L32	ICAC Training Camp	L32_5_2	17.5	Educational	65	72	73	53	73	No	Yes	0.0	No	72	72	56	72	No	Yes	0.1	No
L32	ICAC Training Camp	L32_6_1	14.0	Educational	65	69	69	51	69	No	Yes	0.1	No	68	69	54	69	No	Yes	0.2	No
L32	ICAC Training Camp	L32_6_2	17.5	Educational	65	72	73	53	73	No	Yes	0.0	No	72	72	56	72	No	Yes	0.1	No
L32	ICAC Training Camp	L32_7_1	14.0	Educational	65	69	69	51	69	No	Yes	0.0	No	69	69	54	69	No	Yes	0.1	No
L32	ICAC Training Camp	L32_7_2	17.5	Educational	65	72	73	53	73	No	Yes	0.1	No	72	72	55	72	No	Yes	0.1	No
L32	ICAC Training Camp	L32_8_1	14.0	Educational	65	69	70	51	70	No	Yes	0.1	No	69	69	54	69	No	Yes	0.2	No
L32	ICAC Training Camp	L32_8_2	17.5	Educational	65	72	73	53	73	No	Yes	0.1	No	72	72	56	72	No	Yes	0.1	No
L32	ICAC Training Camp	L32_9_1	14.0	Educational	65	68	69	51	69	No	Yes	0.1	No	68	68	54	68	No	Yes	0.2	No
L32	ICAC Training Camp	L32_9_2	17.5	Educational	65	72	73	52	73	No	Yes	0.0	No	73	72	55	72	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_1_1	14.1	Educational	65	71	72	49	72	No	Yes	0.0	No	73	71	50	71	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_1_2	17.4	Educational	65	72	72	50	72	No	Yes	0.0	No	73	71	51	71	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_1_3	20.7	Educational	65	72	73	52	73	No	Yes	0.1	No	74	72	52	72	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_1_4	24.0	Educational	65	72	73	53	73	No	Yes	0.1	No	74	72	54	72	No	Yes	0.0	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_2_1	14.1	Educational	65	73	73	51	73	No	Yes	0.1	No	73	73	53	73	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_2_2	17.4	Educational	65	73	74	54	74	No	Yes	0.0	No	74	73	55	73	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School	L33_2_3	20.7	Educational	65	74	74	55	74	No	Yes	0.1	No	74	73	56	73	No	Yes	0.1	No
L33	Hong Chi Morninghill School / Hong Chi Morninglight School																				

Appendix 4.13.1 - Detailed Results of Road Traffic Noise Assessment - LFR Portion (Mitigated Scenario)

NSR	Description	NAP	Assessment Point Elevation (mPD)	Type of Use	Noise Criteria, L10(1-hr), dB(A)	AM								PM							
						Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation				Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation			
						Without Project		With Project		Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required	Without Project		With Project		Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required
						Overall	Overall	Project Roads	All Other Roads					Overall	Overall	Project Roads	All Other Roads				
L36	Lung Mun Oasis Block 2	L36_2_14	46.9	Residential	70	56	56	25	56	No	No	0.0	No	56	55	26	55	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_15	49.7	Residential	70	56	56	25	56	No	No	0.1	No	56	56	25	56	No	No	0.1	No
L36	Lung Mun Oasis Block 2	L36_2_16	52.5	Residential	70	56	56	25	56	No	No	0.0	No	56	56	25	56	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_17	55.3	Residential	70	56	56	25	56	No	No	0.0	No	57	56	25	56	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_18	58.1	Residential	70	57	57	25	57	No	No	0.0	No	57	57	25	57	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_19	60.9	Residential	70	57	57	25	57	No	No	0.0	No	57	57	25	57	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_20	63.7	Residential	70	57	57	25	57	No	No	0.0	No	58	57	25	57	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_21	66.5	Residential	70	58	58	25	58	No	No	0.0	No	58	57	25	57	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_22	69.3	Residential	70	58	58	25	58	No	No	0.0	No	59	58	25	58	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_23	72.1	Residential	70	58	58	28	58	No	No	0.0	No	59	58	28	58	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_24	74.9	Residential	70	59	59	31	59	No	No	0.0	No	60	59	31	59	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_2_25	77.7	Residential	70	60	60	37	60	No	No	0.0	No	61	60	37	60	No	No	0.1	No
L36	Lung Mun Oasis Block 2	L36_2_26	80.5	Residential	70	65	65	43	65	No	No	0.0	No	66	66	44	66	No	No	0.0	No
L36	Lung Mun Oasis Block 2	L36_3_1	10.5	Residential	70	46	46	35	45	No	No	0.4	No	46	46	36	46	No	No	0.5	No
L36	Lung Mun Oasis Block 2	L36_3_2	13.3	Residential	70	47	46	36	46	No	No	0.5	No	47	47	38	46	No	No	0.6	No
L36	Lung Mun Oasis Block 2	L36_3_3	16.1	Residential	70	48	48	38	47	No	No	0.4	No	48	48	39	47	No	No	0.6	No
L36	Lung Mun Oasis Block 2	L36_3_4	18.9	Residential	70	49	49	40	49	No	No	0.5	No	50	50	41	49	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_5	21.7	Residential	70	52	51	42	51	No	No	0.5	No	52	52	44	51	No	No	0.8	No
L36	Lung Mun Oasis Block 2	L36_3_6	24.5	Residential	70	54	54	45	53	No	No	0.6	No	55	55	47	54	No	No	0.8	No
L36	Lung Mun Oasis Block 2	L36_3_7	27.3	Residential	70	57	57	48	56	No	No	0.6	No	58	58	51	57	No	No	1.0	No
L36	Lung Mun Oasis Block 2	L36_3_8	30.1	Residential	70	59	59	51	58	No	No	0.7	No	60	60	55	59	No	No	1.3	No
L36	Lung Mun Oasis Block 2	L36_3_9	32.9	Residential	70	62	62	53	61	No	No	0.6	No	63	63	57	62	No	No	1.2	No
L36	Lung Mun Oasis Block 2	L36_3_10	35.7	Residential	70	65	64	55	64	No	No	0.5	No	66	66	59	65	No	No	1.0	No
L36	Lung Mun Oasis Block 2	L36_3_11	38.5	Residential	70	67	66	56	66	No	No	0.4	No	68	67	59	67	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_12	41.3	Residential	70	68	68	56	67	No	No	0.3	No	69	68	60	68	No	No	0.6	No
L36	Lung Mun Oasis Block 2	L36_3_13	44.1	Residential	70	68	68	57	68	No	No	0.3	No	69	69	60	68	No	No	0.6	No
L36	Lung Mun Oasis Block 2	L36_3_14	46.9	Residential	70	69	68	58	68	No	No	0.4	No	69	69	60	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_15	49.7	Residential	70	69	68	58	68	No	No	0.5	No	69	69	61	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_16	52.5	Residential	70	69	68	59	68	No	No	0.5	No	69	69	61	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_17	55.3	Residential	70	69	68	59	68	No	No	0.5	No	69	69	61	68	No	No	0.8	No
L36	Lung Mun Oasis Block 2	L36_3_18	58.1	Residential	70	69	68	59	68	No	No	0.5	No	69	69	61	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_19	60.9	Residential	70	68	68	59	68	No	No	0.6	No	69	69	61	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_20	63.7	Residential	70	68	68	59	68	No	No	0.5	No	69	69	61	68	No	No	0.8	No
L36	Lung Mun Oasis Block 2	L36_3_21	66.5	Residential	70	68	68	59	68	No	No	0.5	No	69	69	61	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_22	69.3	Residential	70	68	68	59	67	No	No	0.6	No	69	68	60	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_23	72.1	Residential	70	68	68	59	67	No	No	0.5	No	69	68	60	68	No	No	0.8	No
L36	Lung Mun Oasis Block 2	L36_3_24	74.9	Residential	70	68	68	58	67	No	No	0.6	No	69	68	60	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_25	77.7	Residential	70	68	68	58	67	No	No	0.5	No	69	68	60	68	No	No	0.7	No
L36	Lung Mun Oasis Block 2	L36_3_26	80.5	Residential	70	70	70	59	69	No	No	0.4	No	71	70	61	70	No	No	0.6	No
L36	Lung Mun Oasis Block 3	L36_4_1	10.5	Residential	70	44	44	31	43	No	No	0.3	No	44	44	32	44	No	No	0.2	No
L36	Lung Mun Oasis Block 3	L36_4_2	13.3	Residential	70	44	44	31	44	No	No	0.2	No	45	44	32	44	No	No	0.3	No
L36	Lung Mun Oasis Block 3	L36_4_3	16.1	Residential	70	44	45	31	44	No	No	0.2	No	45	45	32	44	No	No	0.2	No
L36	Lung Mun Oasis Block 3	L36_4_4	18.9	Residential	70	45	45	31	45	No	No	0.1	No	46	45	32	45	No	No	0.2	No
L36	Lung Mun Oasis Block 3	L36_4_5	21.7	Residential	70	46	46	31	46	No	No	0.1	No	47	46	32	46	No	No	0.2	No
L36	Lung Mun Oasis Block 3	L36_4_6	24.5	Residential	70	46	47	31	46	No	No	0.1	No	47	46	32	46	No	No	0.1	No
L36	Lung Mun Oasis Block 3	L36_4_7	27.3	Residential	70	47	47	31	47	No	No	0.1	No	48	47	32	47	No	No	0.2	No
L36	Lung Mun Oasis Block 3	L36_4_8	30.1	Residential	70	48	49	31	49	No	No	0.1	No	50	48	32	48	No	No	0.1	No
L36	Lung Mun Oasis Block 3	L36_4_9	32.9	Residential	70	50	50	31	50	No	No	0.1	No	51	49	32	49	No	No	0.1	No
L36	Lung Mun Oasis Block 3	L36_4_10	35.7	Residential	70	51	52	31	52	No	No	0.1	No	53	51	32	51	No	No	0.1	No
L36	Lung Mun Oasis Block 3	L36_4_11	38.5	Residential	70	54	54	31	54	No	No	0.1	No	54	54	32	54	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_12	41.3	Residential	70	56	56	31	56	No	No	0.0	No	58	56	32	56	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_13	44.1	Residential	70	58	58	31	58	No	No	0.0	No	59	57	32	57	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_14	46.9	Residential	70	59	59	31	59	No	No	0.1	No	60	58	32	58	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_15	49.7	Residential	70	60	60	31	60	No	No	0.0	No	61	59	32	59	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_16	52.5	Residential	70	60	61	30	61	No	No	0.0	No	62	60	31	60	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_17	55.3	Residential	70	61	61	30	61	No	No	0.0	No	62	60	31	60	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_18	58.1	Residential	70	61	61	30	61	No	No	0.0	No	62	60	31	60	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_19	60.9	Residential	70	61	61	30	61	No	No	0.0	No	62	61	31	61	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_20	63.7	Residential	70	61	61	30	61	No	No	0.0	No	62	61	31	61	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_21	66.5	Residential	70	61	62	30	62	No	No	0.0	No	63	61	31	61	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_22	69.3	Residential	70	61	62	30	62	No	No	0.0	No	63	61	31	61	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_23	72.1	Residential	70	62	62	32	62	No	No	0.0	No	63	61	34	61	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_24	74.9	Residential	70	62	62	36	62	No	No	0.1	No	63	61	37	61	No	No	0.0	No
L36	Lung Mun Oasis Block 3	L36_4_25	77.7	Residential	70	62	63	41	62	No	No	0.1	No	63	62	43	62	No	No	0.1	No
L36	Lung Mun Oasis Block 3	L36_4_26	80.5	Residential	70	67	67	48	67	No	No	0.1	No	68	67	50	67	No	No	0.1	No
L36	Lung Mun Oasis Block 3	L36_5_1	10.5	Residential	70	46	46	36	45	No	No	0.4	No	46	46	37	46	No	No	0.5	No
L36	Lung Mun Oasis Block 3	L36_5_2	13.3	Residential	70	47	46	37	46	No	No	0.5	No	47	47	38	46	No	No	0.6	No
L36	Lung Mun Oasis Block 3	L36_5_3	16.1	Residential	70	48	47	38	47	No	No	0.5	No	48	48	39	47	No	No	0.6	No
L36	Lung Mun Oasis Block 3	L36_5_4	18.9	Residential	70	49	49	39	48	No	No	0.6	No	50	49	41	49	No	No	0.6	No
L36	Lung Mun Oasis Block 3	L36_5_5	21.7	Residential	70	51	51	42	51	No	No	0.5	No	52	52	43	51	No	No	0.7	No
L36	Lung Mun Oasis Block 3	L36_5_6	24.5	Residential	70	54	54	44	53	No	No	0.5	No	55	55	47	54	No	No	0.8	No
L36	Lung Mun Oasis Block 3	L36_5_7	27.3	Residential	70	57	57	48	56	No	No	0.6	No	58	58	51	57	No	No	0.9	No
L36	Lung Mun Oasis Block 3	L36_5_8	30.1	Residential	70	60	60	51	59	No	No	0.6	No	60	61	54	60	No	No	1.2	No
L36	Lung Mun Oasis Block 3	L36_5_9	32.9	Residential	70	63	63	54	62	No	No	0.6	No	63	64	57	63	No	No	1.0	No
L36	Lung Mun Oasis Block 3	L36_5_10	35.7																		

Appendix 4.13.1 - Detailed Results of Road Traffic Noise Assessment - LFR Portion (Mitigated Scenario)

NSR	Description	NAP	Assessment Point Elevation (mPD)	Type of Use	Noise Criteria, L10(1-hr), dB(A)	AM								PM							
						Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation				Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation			
						Without Project		With Project		Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required	Without Project		With Project		Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required
						Overall	Overall	Project Roads	All Other Roads					Project Roads	All Other Roads						
L36	Lung Mun Oasis Block 4	L36_6_26	80.5	Residential	70	65	66	50	66	No	No	0.1	No	67	66	52	66	No	No	0.2	No
L36	Lung Mun Oasis Block 4	L36_7_1	10.5	Residential	70	59	59	48	59	No	No	0.3	No	59	59	47	59	No	No	0.3	No
L36	Lung Mun Oasis Block 4	L36_7_2	13.3	Residential	70	60	60	50	60	No	No	0.4	No	60	60	49	60	No	No	0.4	No
L36	Lung Mun Oasis Block 4	L36_7_3	16.1	Residential	70	61	62	52	61	No	No	0.5	No	61	61	52	61	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_4	18.9	Residential	70	63	63	54	63	No	No	0.6	No	63	63	54	63	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_5	21.7	Residential	70	64	65	56	64	No	No	0.6	No	64	65	55	64	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_6	24.5	Residential	70	65	66	57	65	No	No	0.6	No	65	66	56	65	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_7	27.3	Residential	70	66	67	58	66	No	No	0.6	No	66	67	58	66	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_8	30.1	Residential	70	68	68	59	67	No	No	0.6	No	68	68	59	67	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_9	32.9	Residential	70	68	68	59	68	No	No	0.5	No	68	68	59	68	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_10	35.7	Residential	70	68	69	59	68	No	No	0.5	No	69	69	59	68	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_11	38.5	Residential	70	68	69	59	68	No	No	0.5	No	69	69	60	68	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_12	41.3	Residential	70	69	69	59	68	No	No	0.5	No	69	69	60	68	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_13	44.1	Residential	70	69	69	59	68	No	No	0.5	No	69	69	60	68	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_14	46.9	Residential	70	69	69	59	68	No	No	0.5	No	69	69	60	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_15	49.7	Residential	70	69	69	59	68	No	No	0.5	No	69	69	60	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_16	52.5	Residential	70	69	69	59	69	No	No	0.5	No	69	69	60	69	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_17	55.3	Residential	70	69	69	59	69	No	No	0.5	No	69	69	60	69	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_18	58.1	Residential	70	69	69	59	69	No	No	0.5	No	69	69	60	69	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_19	60.9	Residential	70	69	69	59	69	No	No	0.5	No	69	69	60	69	No	No	0.6	No
L36	Lung Mun Oasis Block 4	L36_7_20	63.7	Residential	70	69	69	59	69	No	No	0.5	No	69	69	60	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_21	66.5	Residential	70	69	69	59	69	No	No	0.4	No	69	69	59	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_22	69.3	Residential	70	69	69	59	68	No	No	0.5	No	69	69	59	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_23	72.1	Residential	70	69	69	59	68	No	No	0.5	No	69	69	59	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_24	74.9	Residential	70	69	69	59	68	No	No	0.5	No	69	69	59	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_25	77.7	Residential	70	69	69	59	68	No	No	0.5	No	69	69	59	69	No	No	0.5	No
L36	Lung Mun Oasis Block 4	L36_7_26	80.5	Residential	70	70	70	60	69	No	No	0.5	No	70	70	61	69	No	No	0.5	No
L36	Lung Mun Oasis Block 5	L36_8_1	10.5	Residential	70	45	45	35	44	No	No	0.4	No	45	45	36	45	No	No	0.6	No
L36	Lung Mun Oasis Block 5	L36_8_2	13.3	Residential	70	46	46	36	45	No	No	0.4	No	46	46	37	46	No	No	0.5	No
L36	Lung Mun Oasis Block 5	L36_8_3	16.1	Residential	70	47	47	37	46	No	No	0.4	No	47	47	38	47	No	No	0.5	No
L36	Lung Mun Oasis Block 5	L36_8_4	18.9	Residential	70	48	48	38	48	No	No	0.4	No	48	49	39	48	No	No	0.5	No
L36	Lung Mun Oasis Block 5	L36_8_5	21.7	Residential	70	50	50	40	50	No	No	0.4	No	50	51	40	50	No	No	0.4	No
L36	Lung Mun Oasis Block 5	L36_8_6	24.5	Residential	70	53	53	41	52	No	No	0.3	No	53	54	42	53	No	No	0.4	No
L36	Lung Mun Oasis Block 5	L36_8_7	27.3	Residential	70	59	60	43	60	No	No	0.1	No	60	61	44	61	No	No	0.1	No
L36	Lung Mun Oasis Block 5	L36_8_8	30.1	Residential	70	62	62	46	62	No	No	0.1	No	63	64	47	64	No	No	0.1	No
L36	Lung Mun Oasis Block 5	L36_8_9	32.9	Residential	70	64	64	48	64	No	No	0.1	No	64	65	50	65	No	No	0.1	No
L36	Lung Mun Oasis Block 5	L36_8_10	35.7	Residential	70	65	65	50	65	No	No	0.2	No	65	66	52	66	No	No	0.2	No
L36	Lung Mun Oasis Block 5	L36_8_11	38.5	Residential	70	65	65	52	65	No	No	0.2	No	66	67	53	66	No	No	0.2	No
L36	Lung Mun Oasis Block 5	L36_8_12	41.3	Residential	70	66	66	53	66	No	No	0.2	No	66	67	54	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_13	44.1	Residential	70	66	66	55	66	No	No	0.3	No	66	67	55	67	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_14	46.9	Residential	70	66	66	55	66	No	No	0.3	No	67	67	55	67	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_15	49.7	Residential	70	66	66	55	66	No	No	0.4	No	67	67	55	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_16	52.5	Residential	70	66	66	55	66	No	No	0.4	No	66	67	55	66	No	No	0.4	No
L36	Lung Mun Oasis Block 5	L36_8_17	55.3	Residential	70	66	66	55	66	No	No	0.4	No	66	67	55	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_18	58.1	Residential	70	66	66	55	66	No	No	0.3	No	66	66	55	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_19	60.9	Residential	70	66	66	55	65	No	No	0.3	No	66	66	55	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_20	63.7	Residential	70	65	66	55	65	No	No	0.4	No	66	66	55	66	No	No	0.4	No
L36	Lung Mun Oasis Block 5	L36_8_21	66.5	Residential	70	65	66	55	65	No	No	0.4	No	66	66	55	66	No	No	0.4	No
L36	Lung Mun Oasis Block 5	L36_8_22	69.3	Residential	70	65	65	55	65	No	No	0.4	No	66	66	55	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_23	72.1	Residential	70	65	65	54	65	No	No	0.4	No	66	66	55	66	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_24	74.9	Residential	70	65	65	54	65	No	No	0.4	No	66	66	54	65	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_25	77.7	Residential	70	65	65	54	65	No	No	0.4	No	66	66	54	65	No	No	0.3	No
L36	Lung Mun Oasis Block 5	L36_8_26	80.5	Residential	70	65	65	54	65	No	No	0.3	No	66	66	54	65	No	No	0.3	No
L36	W.F.B. Avalokitesvara Nursery School	L36_10_1	12.4	Educational	65	75	76	49	76	No	Yes	0.0	No	76	75	49	75	No	Yes	0.0	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_1_1	6.1	Educational	65	72	73	51	73	No	Yes	0.0	No	73	73	52	73	No	Yes	0.1	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_1_2	9.6	Educational	65	72	73	52	73	No	Yes	0.1	No	73	73	53	73	No	Yes	0.0	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_1_3	13.1	Educational	65	72	73	54	73	No	Yes	0.1	No	73	73	55	73	No	Yes	0.1	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_1_4	16.6	Educational	65	73	73	55	73	No	Yes	0.1	No	73	73	57	73	No	Yes	0.1	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_1_5	20.1	Educational	65	73	73	57	73	No	Yes	0.1	No	73	73	58	73	No	Yes	0.1	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_1_6	23.6	Educational	65	73	73	59	73	No	Yes	0.2	No	74	73	59	73	No	Yes	0.2	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_2_1	6.1	Educational	65	66	66	51	66	No	Yes	0.1	No	67	66	52	65	No	Yes	0.2	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_2_2	9.6	Educational	65	67	67	53	67	No	Yes	0.1	No	67	67	54	66	No	Yes	0.3	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_2_3	13.1	Educational	65	68	68	55	68	No	Yes	0.2	No	68	68	56	67	No	Yes	0.4	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_2_4	16.6	Educational	65	69	69	57	69	No	Yes	0.3	No	70	69	59	69	No	Yes	0.4	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_2_5	20.1	Educational	65	70	70	60	70	No	Yes	0.4	No	71	71	61	70	No	Yes	0.6	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_2_6	23.6	Educational	65	71	72	62	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.6	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_1	6.1	Educational	65	64	64	51	64	No	Yes	0.2	No	65	64	52	64	No	Yes	0.3	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_2	9.6	Educational	65	65	65	52	65	No	Yes	0.2	No	66	65	54	65	No	Yes	0.3	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_3	13.1	Educational	65	66	66	54	66	No	Yes	0.2	No	66	66	55	65	No	Yes	0.4	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_4	16.6	Educational	65	67	67	56	67	No	Yes	0.3	No	67	67	57	66	No	Yes	0.5	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_5	20.1	Educational	65	68	68	57	68	No	Yes	0.3	No	68	68	59	67	No	Yes	0.6	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_6	23.6	Educational	65	69	69	58	68	No	Yes	0.4	No	69	69	60	68	No	Yes	0.7	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_7	27.1	Educational	65	70	70	60	69	No	Yes	0.5	No	70	70	62	69	No	Yes	0.6	No
L37	The Church of Christ in China Hoh Fuk Tong Primary School	L37_3_8	30.6	Educational	65	70	70	60	70	No	Yes	0.4	No	7							

Appendix 4.13.1 - Detailed Results of Road Traffic Noise Assessment - LFR Portion (Mitigated Scenario)

NSR	Description	NAP	Assessment Point Elevation (mPD)	Type of Use	Noise Criteria, L10(1-hr), dB(A)	AM								PM							
						Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation				Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation			
						Without Project	With Project			Without Project	With Project			Without Project	With Project			Without Project	With Project		
						Overall	Overall	Project Roads	All Other Roads	Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required	Overall	Overall	Project Roads	All Other Roads	Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required
L38	Lung Yat Estate Kin Lung House	L38_2_10	34.0	Residential	70	70	70	57	70	No	No	0.2	No	71	71	59	70	No	Yes	0.3	No
L38	Lung Yat Estate Kin Lung House	L38_2_11	36.8	Residential	70	71	71	58	71	No	Yes	0.3	No	71	71	59	71	No	Yes	0.3	No
L38	Lung Yat Estate Kin Lung House	L38_2_12	39.6	Residential	70	71	71	59	71	No	Yes	0.3	No	71	71	60	71	No	Yes	0.3	No
L38	Lung Yat Estate Kin Lung House	L38_2_13	42.4	Residential	70	71	71	59	71	No	Yes	0.3	No	72	72	61	71	No	Yes	0.4	No
L38	Lung Yat Estate Kin Lung House	L38_2_14	45.2	Residential	70	71	72	60	71	No	Yes	0.3	No	72	72	62	72	No	Yes	0.4	No
L38	Lung Yat Estate Kin Lung House	L38_2_15	48.0	Residential	70	72	72	60	71	No	Yes	0.3	No	72	72	62	72	No	Yes	0.4	No
L38	Lung Yat Estate Kin Lung House	L38_2_16	50.8	Residential	70	72	72	61	72	No	Yes	0.3	No	72	72	62	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_17	53.6	Residential	70	72	72	61	72	No	Yes	0.4	No	72	72	62	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_18	56.4	Residential	70	72	72	61	72	No	Yes	0.3	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_19	59.2	Residential	70	72	72	61	72	No	Yes	0.3	No	72	72	63	72	No	Yes	0.4	No
L38	Lung Yat Estate Kin Lung House	L38_2_20	62.0	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_21	64.8	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_22	67.6	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.6	No
L38	Lung Yat Estate Kin Lung House	L38_2_23	70.4	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_24	73.2	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_25	76.0	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_26	78.8	Residential	70	72	72	61	71	No	Yes	0.4	No	72	72	63	72	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_27	81.6	Residential	70	71	72	61	71	No	Yes	0.4	No	72	72	63	71	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_28	84.4	Residential	70	71	72	61	71	No	Yes	0.4	No	72	72	63	71	No	Yes	0.6	No
L38	Lung Yat Estate Kin Lung House	L38_2_29	87.2	Residential	70	71	72	61	71	No	Yes	0.4	No	72	72	62	71	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_30	90.0	Residential	70	71	71	61	71	No	Yes	0.4	No	72	72	62	71	No	Yes	0.6	No
L38	Lung Yat Estate Kin Lung House	L38_2_31	92.8	Residential	70	71	71	61	71	No	Yes	0.3	No	72	72	62	71	No	Yes	0.5	No
L38	Lung Yat Estate Kin Lung House	L38_2_32	95.6	Residential	70	71	71	61	71	No	Yes	0.4	No	72	72	62	71	No	Yes	0.6	No
L38	Lung Yat Estate Kin Lung House	L38_2_33	98.4	Residential	70	71	71	61	71	No	Yes	0.3	No	72	72	62	71	No	Yes	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_1	8.8	Residential	70	65	64	43	64	No	No	0.0	No	65	65	45	65	No	No	0.0	No
L38	Lung Yat Estate Hong Lung House	L38_3_2	11.6	Residential	70	65	65	43	65	No	No	0.0	No	65	65	45	65	No	No	0.0	No
L38	Lung Yat Estate Hong Lung House	L38_3_3	14.4	Residential	70	65	65	44	65	No	No	0.1	No	65	65	46	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_4	17.2	Residential	70	65	65	45	65	No	No	0.1	No	65	65	47	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_5	20.0	Residential	70	65	65	45	65	No	No	0.1	No	65	65	47	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_6	22.8	Residential	70	65	65	46	65	No	No	0.1	No	65	65	48	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_7	25.6	Residential	70	65	65	46	65	No	No	0.1	No	65	65	48	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_8	28.4	Residential	70	65	65	47	65	No	No	0.1	No	65	65	49	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_9	31.2	Residential	70	65	65	47	65	No	No	0.1	No	65	65	50	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_10	34.0	Residential	70	65	65	48	65	No	No	0.1	No	65	65	50	65	No	No	0.1	No
L38	Lung Yat Estate Hong Lung House	L38_3_11	36.8	Residential	70	65	65	49	65	No	No	0.1	No	65	65	51	65	No	No	0.2	No
L38	Lung Yat Estate Hong Lung House	L38_3_12	39.6	Residential	70	65	65	50	65	No	No	0.1	No	65	65	52	65	No	No	0.2	No
L38	Lung Yat Estate Hong Lung House	L38_3_13	42.4	Residential	70	65	65	50	65	No	No	0.2	No	66	66	53	65	No	No	0.2	No
L38	Lung Yat Estate Hong Lung House	L38_3_14	45.2	Residential	70	65	65	52	65	No	No	0.2	No	66	66	54	66	No	No	0.3	No
L38	Lung Yat Estate Hong Lung House	L38_3_15	48.0	Residential	70	66	66	53	65	No	No	0.3	No	66	66	55	66	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_16	50.8	Residential	70	66	66	54	66	No	No	0.3	No	67	67	56	66	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_17	53.6	Residential	70	67	66	54	66	No	No	0.3	No	67	67	57	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_18	56.4	Residential	70	67	67	55	66	No	No	0.3	No	67	67	57	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_19	59.2	Residential	70	67	67	55	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_20	62.0	Residential	70	67	67	55	67	No	No	0.3	No	68	68	58	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_21	64.8	Residential	70	67	67	55	67	No	No	0.3	No	68	68	58	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_22	67.6	Residential	70	67	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_23	70.4	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_24	73.2	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_25	76.0	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_26	78.8	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_27	81.6	Residential	70	68	67	56	67	No	No	0.4	No	68	68	58	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_28	84.4	Residential	70	68	67	56	67	No	No	0.4	No	68	68	58	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_29	87.2	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.4	No
L38	Lung Yat Estate Hong Lung House	L38_3_30	90.0	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_31	92.8	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_32	95.6	Residential	70	68	67	56	67	No	No	0.3	No	68	68	58	67	No	No	0.5	No
L38	Lung Yat Estate Hong Lung House	L38_3_33	98.4	Residential	70	68	67	56	67	No	No	0.4	No	68	68	58	67	No	No	0.5	No
L39	Hong Kong Christian Service Jockey Club Lodge of Rising Sun	L39_1_1	18.3	Residential	70	76	75	56	75	No	Yes	0.0	No	75	75	56	75	No	Yes	0.0	No
L39	Hong Kong Christian Service Jockey Club Lodge of Rising Sun	L39_1_2	21.8	Residential	70	76	76	56	76	No	Yes	0.0	No	75	75	56	75	No	Yes	0.1	No
L39	Hong Kong Christian Service Jockey Club Lodge of Rising Sun	L39_1_3	25.3	Residential	70	76	76	56	76	No	Yes	0.0	No	75	75	56	75	No	Yes	0.0	No
L39	Hong Kong Christian Service Jockey Club Lodge of Rising Sun	L39_1_4	28.8	Residential	70	76	75	56	75	No	Yes	0.0	No	75	75	56	75	No	Yes	0.0	No
L40	St. Peter's Church Castle Peak	L40_1_1	14.6	Place of Worship	65	53	53	33	53	No	No	0.0	No	55	55	33	55	No	No	0.0	No
L40	St. Peter's Church Castle Peak	L40_1_2	18.1	Place of Worship	65	55	55	37	55	No	No	0.1	No	56	56	37	56	No	No	0.1	No
L40	St. Peter's Church Castle Peak	L40_1_3	21.6	Place of Worship	65	58	58	43	58	No	No	0.2	No	59	59	43	58	No	No	0.1	No
L40	St. Peter's Church Castle Peak	L40_1_4	25.1	Place of Worship	65	63	63	52	63	No	No	0.4	No	63	63	51	63	No	No	0.2	No
L40	St. Peter's Church Castle Peak	L40_1_5	28.6	Place of Worship	65	66	66	56	66	No	Yes	0.4	No	66	66	55	66	No	Yes	0.4	No
L40	St. Peter's Church Castle Peak	L40_1_6	32.1	Place of Worship	65	69	69	57	68	No	Yes	0.3	No	69	69	56	68	No	Yes	0.3	No
L40	St. Peter's Church Castle Peak	L40_2_1	14.6	Place of Worship	65	67	67	33	67	No	Yes	0.0	No	67	67	33	67	No	Yes	0.0	No
L40	St. Peter's Church Castle Peak	L40_2_2	18.1	Place of Worship	65	68	67	37	67	No	Yes	0.0	No	67	67	37	67	No	Yes	0.0	No
L40	St. Peter's Church Castle Peak	L40_2_3	21.6	Place of Worship	65	68	67	43	67	No	Yes	0.0	No	67	67	43	67	No	Yes	0.0	No
L40	St. Peter's Church Castle Peak	L40_2_4	25.1	Place of Worship	65	69	69	52	68	No	Yes	0.1	No	68	68	51	68	No	Yes	0.0	No
L40	St. Peter's Church Castle Peak	L40_2_5	28.6	Place of Worship	65	70	70	56	70	No	Yes	0.2	No	70	70	55	69	No	Yes	0.1	No
L40	St. Peter's Church Castle Peak	L40_2_6	32.1	Place of Worship	65	71	71	56	71	No	Yes	0.2	No	71	71	56	71	No	Yes	0.2	No
L42	S.K.H St. Peter's Church Castle Peak Kindergarten & Child Care Centre	L42_1_1	17.5	Educational																	

Appendix 4.13.1 - Detailed Results of Road Traffic Noise Assessment - LFR Portion (Mitigated Scenario)

NSR	Description	NAP	Assessment Point Elevation (MPD)	Type of Use	Noise Criteria, L10(1-hr), dB(A)	AM								PM							
						Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation				Predicted Noise Level in 2036, L10(1-hr),				Criteria for Direct Noise Mitigation			
						Without Project		With Project		Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required	Without Project		With Project		Project Roads Exceed	Overall Exceed	Project Road Contribution	Direct Mitigation Measures Required
						Overall	Overall	Project Roads	All Other Roads					Overall	Overall	Project Roads	All Other Roads				
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_1_4	24.2	G/IC	65	78	78	61	78	No	Yes	0.1	No	78	78	61	78	No	Yes	0.1	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_2_1	16.9	G/IC	65	77	77	63	77	No	Yes	0.2	No	77	77	61	77	No	Yes	0.1	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_2_2	20.4	G/IC	65	77	77	63	77	No	Yes	0.2	No	77	77	62	77	No	Yes	0.1	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_2_3	23.9	G/IC	65	77	77	63	77	No	Yes	0.2	No	77	77	62	77	No	Yes	0.1	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_2_4	27.4	G/IC	65	77	77	63	77	No	Yes	0.2	No	77	77	62	77	No	Yes	0.1	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_3_1	16.9	G/IC	65	77	77	65	76	No	Yes	0.3	No	77	76	63	76	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_3_2	20.4	G/IC	65	77	77	65	76	No	Yes	0.3	No	77	77	64	76	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_3_3	23.9	G/IC	65	77	77	65	76	No	Yes	0.3	No	77	77	64	76	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_3_4	27.4	G/IC	65	77	77	65	76	No	Yes	0.3	No	77	77	64	76	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_4_1	11.0	G/IC	65	76	76	63	75	No	Yes	0.3	No	76	76	62	76	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_4_2	14.5	G/IC	65	77	76	66	76	Yes	Yes	0.4	Yes	77	76	64	76	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_4_3	18.0	G/IC	65	77	77	67	76	Yes	Yes	0.5	Yes	77	77	66	76	Yes	Yes	0.4	Yes
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_4_4	21.5	G/IC	65	77	77	67	76	Yes	Yes	0.5	Yes	77	77	66	76	Yes	Yes	0.4	Yes
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_5_1	11.0	G/IC	65	74	73	62	73	No	Yes	0.3	No	74	73	61	73	No	Yes	0.2	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_5_2	14.5	G/IC	65	76	76	65	75	No	Yes	0.4	No	76	76	64	75	No	Yes	0.3	No
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_5_3	18.0	G/IC	65	77	76	67	76	Yes	Yes	0.5	Yes	77	76	66	76	Yes	Yes	0.5	Yes
PN9	Proposed G/IC Facilities at Tsing Shan Tsuen	PN9_5_4	21.5	G/IC	65	77	77	67	76	Yes	Yes	0.6	Yes	77	77	67	76	Yes	Yes	0.4	Yes

Note:
 (i) The estimated total number of NSRs that will be protected by the provision of direct mitigation measures is 2 (With 2 residential dwellings, 0 classrooms and 0 other use) and 16 (With 6 residential dwellings, 10 classrooms and 0 other use) in the AM and PM period, respectively.
 (ii) The traffic noise impact prior to and after the commencement of the Project will be dominated by traffic noise generated by existing roads. No NSRs will be benefited (Noise reduction of 1.0 dB(A) or greater in overall noise level) by the provision of direct mitigation measures in both AM and PM period.