

APPENDIX 4.18
Detailed Operation Air Quality Impacts in Year 2033
(with Noise Mitigation Measures)

ASRs ID	PATH Grid	Description of ASRs	Existing/Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
R01_01	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	1.5	113.13	27.55	86.78	36.67	65.14	26.08	-	-
R01_02	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	5	112.45	27.20	86.76	36.65	65.11	26.06	-	-
R01_03	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	10	110.19	26.55	86.71	36.61	65.08	26.03	-	-
R01_04	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	15	109.02	26.02	86.68	36.58	65.04	26.00	-	-
R01_05	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	20	108.57	25.62	86.66	36.56	65.02	25.98	-	-
R01_06	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	25	108.39	25.31	86.63	36.55	65.00	25.97	-	-
R01_07	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	30	107.56	25.07	86.62	36.53	64.99	25.95	-	-
R01_08	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	50	105.55	24.48	86.58	36.50	64.95	25.93	-	-
R01_09	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	80	105.02	24.10	86.54	36.47	64.92	25.90	-	-
R01_10	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	120	105.02	23.91	86.52	36.45	64.90	25.89	-	-
R02_01	19,43	Farm House of New Life Farm	Existing	Commercial	814841.9	830126.7	1.5	109.24	26.44	86.69	36.62	65.05	26.03	-	-
R02_02	19,43	Farm House of New Life Farm	Existing	Commercial	814841.9	830126.7	5	109.04	26.34	86.69	36.61	65.05	26.02	-	-
R03_01	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	1.5	114.26	28.97	86.78	36.70	65.13	26.10	-	-
R03_02	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	5	113.36	28.34	86.75	36.67	65.11	26.08	-	-
R03_03	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	10	110.58	27.14	86.70	36.62	65.06	26.04	-	-
R03_04	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	15	109.48	26.25	86.67	36.59	65.03	26.00	-	-
R03_05	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	20	108.45	25.71	86.65	36.56	65.01	25.98	-	-
R03_06	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	25	108.44	25.36	86.63	36.55	65.00	25.97	-	-
R03_07	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	30	108.44	25.10	86.62	36.53	64.99	25.96	-	-
R03_08	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	50	106.10	24.50	86.59	36.50	64.96	25.93	-	-
R03_09	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	80	105.02	24.11	86.55	36.47	64.92	25.90	-	-
R03_10	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	120	105.02	23.91	86.52	36.45	64.90	25.88	-	-
R04_01	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	1.5	114.99	28.44	86.77	36.67	65.12	26.08	-	-
R04_02	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	5	114.60	27.94	86.74	36.65	65.10	26.06	-	-
R04_03	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	10	113.05	26.87	86.70	36.61	65.06	26.03	-	-
R04_04	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	15	110.88	26.06	86.67	36.58	65.03	26.00	-	-
R04_05	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	20	108.49	25.59	86.65	36.56	65.01	25.98	-	-
R04_06	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	25	108.23	25.29	86.64	36.55	65.00	25.97	-	-
R04_07	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	30	107.54	25.07	86.63	36.54	64.99	25.96	-	-
R04_08	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	50	105.95	24.51	86.60	36.50	64.96	25.93	-	-
R04_09	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	80	105.02	24.12	86.56	36.47	64.93	25.90	-	-
R04_10	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	120	105.02	23.91	86.52	36.45	64.90	25.88	-	-
R05_01	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	1.5	112.53	27.36	86.73	36.63	65.08	26.05	-	-
R05_02	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	5	112.39	27.16	86.72	36.62	65.07	26.04	-	-
R05_03	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	10	111.71	26.63	86.69	36.60	65.05	26.01	-	-
R05_04	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	15	110.76	26.09	86.68	36.58	65.03	25.99	-	-
R05_05	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	20	108.80	25.65	86.66	36.56	65.02	25.98	-	-
R05_06	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	25	108.52	25.33	86.65	36.55	65.01	25.97	-	-
R05_07	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	30	108.15	25.09	86.64	36.54	65.00	25.96	-	-
R05_08	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	50	106.12	24.51	86.60	36.50	64.96	25.93	-	-
R05_09	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	80	105.02	24.12	86.56	36.47	64.93	25.90	-	-
R05_10	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	120	105.02	23.91	86.52	36.45	64.90	25.88	-	-
R06_01	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	1.5	112.94	26.93	86.70	36.62	65.06	26.04	-	-
R06_02	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	5	112.18	26.74	86.69	36.61	65.05	26.03	-	-
R06_03	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	10	110.06	26.32	86.67	36.59	65.03	26.01	-	-
R06_04	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	15	108.57	25.90	86.66	36.58	65.02	25.99	-	-
R06_05	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	20	107.90	25.56	86.65	36.56	65.01	25.98	-	-
R06_06	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	25	107.17	25.29	86.64	36.55	65.00	25.97	-	-
R06_07	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	30	106.56	25.07	86.63	36.54	64.99	25.96	-	-
R06_08	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	50	105.53	24.51	86.59	36.50	64.96	25.93	-	-
R06_09	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	80	105.02	24.12	86.56	36.47	64.93	25.90	-	-
R06_10	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	120	105.02	23.91	86.52	36.45	64.90	25.88	-	-
R07_01	19,43	Block F, Po Wah Garden - Phase 2	Existing	Residential	814853.7	830348.6	1.5	110.63	26.60	86.70	36.60	65.06	26.02	-	-
R07_02	19,43	Block F, Po Wah Garden - Phase 2	Existing	Residential	814853.7	830348.6	5	110.12	26.41	86.69	36.59	65.05	26.01	-	-
R07_03	19,43	Block F, Po Wah Garden - Phase 2	Existing	Residential	814853.7	830348.6	10	109.24	26.01	86.68	36.58	65.04	25.99	-	-
R08_01	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	1.5	109.15	25.48	89.16	37.57	66.91	26.71	-	-
R08_02	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	5	107.91	25.11	89.14	37.56	66.90	26.69	-	-
R08_03	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	10	104.74	24.46	89.15	37.53	66.89	26.67	-	-
R08_04	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	15	103.56	24.05	89.13	37.52	66.87	26.66	-	-
R08_05	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	20	102.64	23.81	89.11	37.51	66.85	26.65	-	-
R08_06	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	25	101.98	23.63	89.08	37.50	66.83	26.64	-	-
R08_07	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	30	101.63	23.49	89.04	37.49	66.81	26.63	-	-
R08_08	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	50	99.86	23.04	88.98	37.46	66.75	26.61	-	-
R08_09	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	80	99.55	22.65	88.92	37.42	66.70	26.58	-	-
R08_10	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	120	98.83	22.43	88.87	37.40	66.65	26.56	-	-

ASRs ID	PATH Grid	Description of ASRs	Existing/ Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
R09_01	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	1.5	105.58	24.76	89.13	37.54	66.87	26.68	-	-
R09_02	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	5	105.18	24.65	89.12	37.53	66.87	26.67	-	-
R09_03	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	10	104.28	24.40	89.15	37.52	66.88	26.66	-	-
R09_04	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	15	103.51	24.11	89.13	37.51	66.86	26.65	-	-
R09_05	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	20	102.95	23.86	89.11	37.50	66.84	26.65	-	-
R09_06	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	25	102.26	23.65	89.07	37.50	66.82	26.64	-	-
R09_07	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	30	101.49	23.48	89.04	37.49	66.80	26.63	-	-
R09_08	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	50	99.66	23.02	88.98	37.46	66.76	26.61	-	-
R09_09	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	80	99.55	22.65	88.91	37.42	66.70	26.58	-	-
R09_10	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	120	98.89	22.43	88.86	37.40	66.65	26.56	-	-
R10_01	19,44	Village House near Proposed Road L7	Existing	Residential	814848.8	830815.0	1.5	105.66	24.91	89.14	37.54	66.89	26.68	-	-
R10_02	19,44	Village House near Proposed Road L7	Existing	Residential	814848.8	830815.0	5	105.12	24.74	89.13	37.54	66.88	26.67	-	-
R10_03	19,44	Village House near Proposed Road L7	Existing	Residential	814848.8	830815.0	10	103.58	24.38	89.13	37.52	66.87	26.66	-	-
R11_01	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	1.5	109.10	26.13	82.05	35.62	61.57	25.32	-	-
R11_02	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	5	108.92	25.65	82.02	35.60	61.55	25.31	-	-
R11_03	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	10	106.75	25.13	81.99	35.59	61.53	25.30	-	-
R11_04	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	15	106.19	24.87	81.97	35.58	61.51	25.29	-	-
R11_05	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	20	105.34	24.69	81.95	35.57	61.50	25.28	-	-
R11_06	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	25	104.96	24.52	81.93	35.56	61.48	25.27	-	-
R11_07	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	30	104.55	24.35	81.91	35.55	61.46	25.26	-	-
R11_08	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	50	103.30	23.79	81.85	35.51	61.41	25.23	-	-
R11_09	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	80	102.68	23.31	81.78	35.47	61.34	25.19	-	-
R11_10	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	120	102.42	23.03	81.75	35.45	61.32	25.17	-	-
R12_01	20,43	Block B, Villa Family	Existing	Residential	815122.2	830417.2	1.5	108.33	26.02	82.04	35.61	61.57	25.32	-	-
R12_02	20,43	Block B, Villa Family	Existing	Residential	815122.2	830417.2	5	107.67	25.62	82.03	35.60	61.56	25.30	-	-
R12_03	20,43	Block B, Villa Family	Existing	Residential	815122.2	830417.2	10	106.04	25.07	82.00	35.58	61.54	25.29	-	-
R13_01	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	1.5	108.08	26.00	82.12	35.63	61.63	25.33	-	-
R13_02	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	5	107.68	25.76	82.11	35.62	61.62	25.32	-	-
R13_03	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	10	106.09	25.37	82.08	35.61	61.60	25.31	-	-
R13_04	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	15	106.51	25.09	82.05	35.60	61.58	25.30	-	-
R13_05	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	20	106.18	24.88	82.03	35.59	61.56	25.29	-	-
R13_06	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	25	105.42	24.69	82.00	35.58	61.54	25.28	-	-
R13_07	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	30	104.76	24.50	81.98	35.56	61.52	25.27	-	-
R14_01	20,43	Village House near Tsz Tin Road	Existing	Residential	815396.4	830427.1	1.5	106.97	25.92	82.12	35.65	61.63	25.35	-	-
R14_02	20,43	Village House near Tsz Tin Road	Existing	Residential	815396.4	830427.1	5	106.86	25.81	82.10	35.64	61.62	25.34	-	-
R14_03	20,43	Village House near Tsz Tin Road	Existing	Residential	815396.4	830427.1	10	106.58	25.61	82.07	35.63	61.60	25.33	-	-
R15_01	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	1.5	109.36	26.67	82.26	35.68	61.76	25.38	-	-
R15_02	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	5	109.24	26.41	82.24	35.67	61.74	25.36	-	-
R15_03	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	10	107.38	25.93	82.19	35.64	61.70	25.34	-	-
R15_04	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	15	106.01	25.57	82.15	35.62	61.66	25.32	-	-
R15_05	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	20	105.55	25.28	82.11	35.61	61.63	25.31	-	-
R15_06	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	25	104.57	25.03	82.08	35.60	61.61	25.30	-	-
R15_07	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	30	104.19	24.79	82.05	35.58	61.58	25.29	-	-
R16_01	20,43	Block 1, Unicorn Garden	Existing	Residential	815565.3	830484.4	1.5	114.65	29.58	82.41	35.80	61.90	25.48	-	-
R16_02	20,43	Block 1, Unicorn Garden	Existing	Residential	815565.3	830484.4	5	112.37	28.66	82.35	35.76	61.84	25.45	-	-
R16_03	20,43	Block 1, Unicorn Garden	Existing	Residential	815565.3	830484.4	10	109.03	27.27	82.24	35.71	61.75	25.40	-	-
R17_01	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815626.6	830455.2	1.5	118.71	32.77	82.55	35.94	62.03	25.62	-	-
R17_02	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815626.6	830455.2	5	114.88	30.27	82.40	35.85	61.89	25.53	-	-
R17_03	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815626.6	830455.2	10	109.98	28.31	82.26	35.76	61.77	25.45	-	-
R18_01	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815620.9	830422.9	1.5	114.41	30.31	82.40	35.86	61.89	25.54	-	-
R18_02	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815620.9	830422.9	5	112.78	29.68	82.35	35.83	61.84	25.51	-	-
R18_03	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815620.9	830422.9	10	110.10	28.36	82.24	35.76	61.75	25.45	-	-
R19_01	20,43	House no. 39, Kei Lun Wai 2nd Lane	Existing	Residential	815609.3	830218.4	1.5	109.50	28.90	82.24	35.82	61.76	25.50	-	-
R19_02	20,43	House no. 39, Kei Lun Wai 2nd Lane	Existing	Residential	815609.3	830218.4	5	109.23	28.41	82.20	35.79	61.72	25.47	-	-
R19_03	20,43	House no. 39, Kei Lun Wai 2nd Lane	Existing	Residential	815609.3	830218.4	10	107.90	27.46	82.10	35.74	61.64	25.42	-	-
R20_01	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	1.5	111.09	28.32	82.19	35.79	61.71	25.47	-	-
R20_02	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	5	110.51	28.03	82.16	35.77	61.68	25.45	-	-
R20_03	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	10	109.46	27.46	82.10	35.73	61.64	25.42	-	-
R20_04	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	15	105.96	26.93	82.06	35.71	61.60	25.40	-	-
R20_05	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	20	104.76	26.46	82.03	35.69	61.58	25.38	-	-
R20_06	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	25	104.50	26.02	82.01	35.67	61.56	25.36	-	-
R20_07	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	30	104.00	25.61	81.99	35.65	61.54	25.34	-	-
R20_08	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	50	103.43	24.37	81.96	35.58	61.52	25.29	-	-
R20_09	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	80	102.81	23.42	81.89	35.50	61.45	25.22	-	-
R20_10	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	120	102.65	23.02	81.79	35.46	61.35	25.18	-	-

ASRs ID	PATH Grid	Description of ASRs	Existing/ Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
R21_01	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	1.5	118.74	30.79	82.26	35.87	61.78	25.55	-	-
R21_02	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	5	117.04	30.59	82.24	35.86	61.75	25.53	-	-
R21_03	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	10	116.52	30.02	82.18	35.83	61.71	25.51	-	-
R21_04	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	15	116.09	29.18	82.13	35.80	61.67	25.48	-	-
R21_05	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	20	111.14	28.25	82.08	35.76	61.63	25.45	-	-
R21_06	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	25	108.51	27.34	82.04	35.73	61.59	25.41	-	-
R21_07	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	30	106.53	26.55	82.01	35.69	61.56	25.39	-	-
R21_08	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	50	104.24	24.53	81.96	35.59	61.51	25.31	-	-
R21_09	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	80	102.81	23.40	81.90	35.51	61.46	25.23	-	-
R21_10	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	120	102.65	23.01	81.80	35.46	61.36	25.18	-	-
R22_01	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	1.5	114.54	28.80	82.32	35.80	61.82	25.49	-	-
R22_02	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	5	113.99	28.52	82.29	35.79	61.79	25.47	-	-
R22_03	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	10	110.48	27.88	82.21	35.75	61.73	25.44	-	-
R22_04	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	15	109.79	27.25	82.15	35.72	61.68	25.41	-	-
R22_05	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	20	107.20	26.71	82.11	35.69	61.65	25.38	-	-
R22_06	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	25	105.61	26.23	82.08	35.67	61.61	25.36	-	-
R22_07	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	30	105.33	25.79	82.05	35.65	61.59	25.35	-	-
R22_08	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	50	103.67	24.45	81.98	35.58	61.54	25.29	-	-
R22_09	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	80	102.72	23.42	81.86	35.50	61.43	25.22	-	-
R22_10	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	120	102.65	23.00	81.77	35.46	61.34	25.18	-	-
R23_01	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	1.5	117.10	30.21	82.40	35.88	61.89	25.56	-	-
R23_02	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	5	117.08	30.05	82.38	35.87	61.87	25.55	-	-
R23_03	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	10	115.77	29.57	82.32	35.84	61.83	25.52	-	-
R23_04	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	15	114.00	28.91	82.26	35.81	61.78	25.49	-	-
R23_05	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	20	111.93	28.14	82.20	35.77	61.73	25.46	-	-
R23_06	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	25	110.44	27.37	82.16	35.74	61.69	25.43	-	-
R23_07	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	30	108.81	26.65	82.13	35.71	61.67	25.40	-	-
R23_08	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	50	104.53	24.65	82.11	35.62	61.67	25.33	-	-
R23_09	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	80	102.82	23.40	81.98	35.52	61.54	25.24	-	-
R23_10	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	120	102.00	22.99	81.81	35.46	61.38	25.19	-	-
R24_01	20,43	Tuen Fu Road Community Garden	Existing	Recreational	815977.7	830250.0	1.5	133.30	30.71	82.38	35.94	61.88	25.60	-	-
R25_01	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	1.5	111.84	28.67	85.07	36.26	63.89	25.82	-	-
R25_02	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	5	111.30	28.36	85.05	36.24	63.87	25.80	-	-
R25_03	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	10	109.19	27.48	85.05	36.19	63.85	25.75	-	-
R25_04	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	15	107.09	26.74	85.03	36.16	63.81	25.72	-	-
R25_05	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	20	105.19	26.12	85.01	36.13	63.79	25.69	-	-
R25_06	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	25	104.35	25.59	84.97	36.10	63.76	25.67	-	-
R25_07	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	30	104.27	25.12	84.93	36.08	63.72	25.65	-	-
R25_08	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	50	102.07	23.75	84.71	36.00	63.58	25.59	-	-
R25_09	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	80	101.74	22.75	84.44	35.92	63.37	25.52	-	-
R25_10	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	120	100.31	22.35	84.28	35.88	63.22	25.48	-	-
R26_01	20,44	Siu Hong Football Field and Basketball Court	Existing	Recreational	815936.9	830613.1	1.5	117.09	31.27	85.39	36.42	64.17	25.96	-	-
R27_01	20,44	TWGHs Yau Tze Tin Memorial College - Basketball Court	Existing	Education Institution	815811.6	830680.0	1.5	116.10	31.00	85.26	36.37	64.06	25.91	-	-
R28_01	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	1.5	115.29	30.23	85.19	36.33	64.00	25.87	-	-
R28_02	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	5	114.48	29.70	85.15	36.30	63.96	25.85	-	-
R28_03	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	10	111.14	28.44	85.10	36.23	63.90	25.79	-	-
R28_04	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	15	107.67	27.22	85.03	36.18	63.83	25.74	-	-
R28_05	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	20	105.53	26.28	84.97	36.13	63.77	25.70	-	-
R28_06	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	25	104.85	25.58	84.91	36.10	63.72	25.67	-	-
R28_07	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	30	103.91	25.03	84.85	36.08	63.67	25.65	-	-
R29_01	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	1.5	118.37	29.48	85.15	36.28	63.97	25.84	-	-
R29_02	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	5	117.29	29.10	85.13	36.26	63.94	25.82	-	-
R29_03	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	10	113.59	28.07	85.06	36.21	63.88	25.77	-	-
R29_04	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	15	110.10	26.93	84.98	36.16	63.80	25.72	-	-
R29_05	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	20	107.59	26.00	84.90	36.11	63.74	25.68	-	-
R29_06	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	25	107.31	25.30	84.84	36.08	63.68	25.65	-	-
R29_07	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	30	104.86	24.79	84.78	36.05	63.64	25.63	-	-
R29_08	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	50	102.11	23.59	84.60	35.98	63.51	25.57	-	-
R29_09	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	80	100.34	22.74	84.37	35.91	63.31	25.51	-	-
R29_10	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	120	100.31	22.36	84.26	35.87	63.20	25.48	-	-
R30_01	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	1.5	113.82	30.00	85.15	36.31	63.96	25.86	-	-
R30_02	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	5	112.42	29.38	85.11	36.28	63.93	25.83	-	-
R30_03	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	10	109.21	27.82	85.06	36.20	63.86	25.76	-	-
R30_04	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	15	107.00	26.67	85.01	36.15	63.80	25.71	-	-
R30_05	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	20	105.16	25.89	84.98	36.11	63.77	25.68	-	-
R30_06	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	25	104.30	25.32	84.94	36.08	63.73	25.65	-	-
R30_07	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	30	103.29	24.87	84.90	36.06	63.70	25.64	-	-
R30_08	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	50	102.04	23.65	84.70	35.98	63.56	25.58	-	-
R30_09	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	80	101.74	22.74	84.44	35.91	63.37	25.51	-	-
R30_10	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	120	100.31	22.36	84.28	35.87	63.22	25.48	-	-

ASRs ID	PATH Grid	Description of ASRs	Existing/ Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
R31_01	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	1.5	108.90	26.59	84.92	36.13	63.76	25.70	-	-
R31_02	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	5	107.97	26.21	84.91	36.11	63.75	25.68	-	-
R31_03	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	10	106.17	25.58	84.92	36.08	63.74	25.66	-	-
R31_04	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	15	104.39	25.13	84.90	36.06	63.71	25.64	-	-
R31_05	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	20	104.35	24.80	84.88	36.05	63.69	25.62	-	-
R31_06	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	25	103.59	24.51	84.85	36.03	63.66	25.61	-	-
R31_07	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	30	102.85	24.25	84.82	36.02	63.64	25.60	-	-
R31_08	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	50	101.98	23.43	84.65	35.96	63.52	25.56	-	-
R31_09	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	80	100.53	22.72	84.42	35.90	63.35	25.50	-	-
R31_10	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	120	100.31	22.37	84.28	35.87	63.22	25.47	-	-
R32_01	20,44	House no. 19, Tsz Tin Tsuen	Existing	Residential	815420.1	830645.3	1.5	106.93	25.43	84.85	36.07	63.70	25.65	-	-
R32_02	20,44	House no. 19, Tsz Tin Tsuen	Existing	Residential	815420.1	830645.3	5	106.82	25.31	84.84	36.07	63.69	25.64	-	-
R32_03	20,44	House no. 19, Tsz Tin Tsuen	Existing	Residential	815420.1	830645.3	10	106.47	25.05	84.85	36.05	63.69	25.63	-	-
R33_01	20,44	House no. 80, Po Tong Ha	Existing	Residential	815030.5	830827.8	1.5	105.18	24.53	84.62	36.00	63.51	25.59	-	-
R33_02	20,44	House no. 80, Po Tong Ha	Existing	Residential	815030.5	830827.8	5	104.97	24.47	84.62	36.00	63.50	25.58	-	-
R33_03	20,44	House no. 80, Po Tong Ha	Existing	Residential	815030.5	830827.8	10	104.48	24.34	84.60	35.99	63.49	25.58	-	-
R34_01	20,44	House no. 175, Po Tong Ha	Existing	Residential	815136.5	830824.3	1.5	104.63	24.49	84.65	36.01	63.53	25.60	-	-
R34_02	20,44	House no. 175, Po Tong Ha	Existing	Residential	815136.5	830824.3	5	104.55	24.44	84.65	36.01	63.53	25.59	-	-
R34_03	20,44	House no. 175, Po Tong Ha	Existing	Residential	815136.5	830824.3	10	104.49	24.33	84.63	36.00	63.52	25.58	-	-
R35_01	20,44	House no. 136, Tsz Tin Tsuen	Existing	Residential	815266.4	830949.9	1.5	105.74	25.17	84.69	36.04	63.56	25.62	-	-
R35_02	20,44	House no. 136, Tsz Tin Tsuen	Existing	Residential	815266.4	830949.9	5	105.47	25.06	84.68	36.04	63.55	25.62	-	-
R35_03	20,44	House no. 136, Tsz Tin Tsuen	Existing	Residential	815266.4	830949.9	10	105.13	24.79	84.65	36.02	63.53	25.60	-	-
R36_01	20,44	House no. 285, Tsz Tin Tsuen	Existing	Residential	815362.0	830972.6	1.5	107.16	25.40	84.73	36.06	63.59	25.64	-	-
R36_02	20,44	House no. 285, Tsz Tin Tsuen	Existing	Residential	815362.0	830972.6	5	106.97	25.29	84.71	36.05	63.58	25.63	-	-
R36_03	20,44	House no. 285, Tsz Tin Tsuen	Existing	Residential	815362.0	830972.6	10	105.83	25.01	84.68	36.04	63.56	25.62	-	-
R37_01	20,44	House no. 272, Tsz Tin Tsuen	Existing	Residential	815512.5	830996.0	1.5	110.20	28.32	84.94	36.18	63.79	25.75	-	-
R37_02	20,44	House no. 272, Tsz Tin Tsuen	Existing	Residential	815512.5	830996.0	5	109.75	27.55	84.89	36.15	63.74	25.72	-	-
R37_03	20,44	House no. 272, Tsz Tin Tsuen	Existing	Residential	815512.5	830996.0	10	108.16	26.04	84.79	36.09	63.66	25.66	-	-
R38_01	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815638.3	830889.6	1.5	111.27	28.71	85.03	36.21	63.86	25.78	-	-
R38_02	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815638.3	830889.6	5	110.46	28.01	84.99	36.18	63.82	25.75	-	-
R38_03	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815638.3	830889.6	10	108.36	26.62	84.88	36.13	63.73	25.69	-	-
R39_01	20,44	Village House near Villa Pinada	Existing	Residential	815005.0	831370.8	1.5	103.91	23.67	84.53	35.97	63.42	25.56	-	-
R39_02	20,44	Village House near Villa Pinada	Existing	Residential	815005.0	831370.8	5	103.72	23.65	84.53	35.97	63.42	25.56	-	-
R39_03	20,44	Village House near Villa Pinada	Existing	Residential	815005.0	831370.8	10	103.29	23.60	84.52	35.96	63.42	25.55	-	-
R40_01	20,44	Village House near Villa Pinada	Existing	Residential	815094.2	831279.4	1.5	105.92	24.06	84.56	35.99	63.45	25.57	-	-
R40_02	20,44	Village House near Villa Pinada	Existing	Residential	815094.2	831279.4	5	105.56	24.03	84.56	35.98	63.45	25.57	-	-
R40_03	20,44	Village House near Villa Pinada	Existing	Residential	815094.2	831279.4	10	105.24	23.94	84.55	35.98	63.45	25.56	-	-
R41_01	20,44	Village House near Villa Pinada	Existing	Residential	815221.0	831203.7	1.5	108.06	24.75	84.61	36.02	63.49	25.60	-	-
R41_02	20,44	Village House near Villa Pinada	Existing	Residential	815221.0	831203.7	5	107.76	24.67	84.61	36.01	63.49	25.59	-	-
R41_03	20,44	Village House near Villa Pinada	Existing	Residential	815221.0	831203.7	10	106.57	24.47	84.59	36.00	63.48	25.58	-	-
R42_01	20,44	Village House near Villa Pinada	Existing	Residential	815264.5	831140.4	1.5	111.87	25.73	84.66	36.06	63.54	25.63	-	-
R42_02	20,44	Village House near Villa Pinada	Existing	Residential	815264.5	831140.4	5	110.16	25.49	84.65	36.04	63.53	25.62	-	-
R42_03	20,44	Village House near Villa Pinada	Existing	Residential	815264.5	831140.4	10	106.97	24.94	84.63	36.02	63.52	25.60	-	-
R43_01	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815297.7	831101.3	1.5	112.02	26.16	84.71	36.09	63.59	25.66	-	-
R43_02	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815297.7	831101.3	5	109.96	25.78	84.70	36.07	63.57	25.64	-	-
R43_03	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815297.7	831101.3	10	107.18	25.06	84.66	36.03	63.54	25.61	-	-
R44_01	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815344.9	831073.4	1.5	112.14	26.91	84.79	36.12	63.66	25.69	-	-
R44_02	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815344.9	831073.4	5	110.58	26.39	84.77	36.09	63.63	25.67	-	-
R44_03	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815344.9	831073.4	10	107.12	25.31	84.70	36.05	63.58	25.62	-	-
R45_01	20,44	House no. 157, Villa Pinada	Existing	Residential	815382.8	831173.7	1.5	105.87	24.90	84.65	36.04	63.52	25.62	-	-
R45_02	20,44	House no. 157, Villa Pinada	Existing	Residential	815382.8	831173.7	5	105.46	24.83	84.64	36.04	63.52	25.62	-	-
R45_03	20,44	House no. 157, Villa Pinada	Existing	Residential	815382.8	831173.7	10	105.17	24.66	84.62	36.03	63.51	25.61	-	-
R46_01	20,44	House no. 139, Villa Pinada	Existing	Residential	815304.0	831239.7	1.5	106.77	24.49	84.60	36.02	63.48	25.60	-	-
R46_02	20,44	House no. 139, Villa Pinada	Existing	Residential	815304.0	831239.7	5	106.47	24.44	84.60	36.01	63.48	25.60	-	-
R46_03	20,44	House no. 139, Villa Pinada	Existing	Residential	815304.0	831239.7	10	105.38	24.32	84.59	36.00	63.48	25.59	-	-
R47_01	20,44	House no. 136, Villa Pinada	Existing	Residential	815300.7	831291.9	1.5	106.80	24.26	84.59	36.01	63.47	25.59	-	-
R47_02	20,44	House no. 136, Villa Pinada	Existing	Residential	815300.7	831291.9	5	106.72	24.22	84.59	36.01	63.47	25.59	-	-
R47_03	20,44	House no. 136, Villa Pinada	Existing	Residential	815300.7	831291.9	10	105.70	24.13	84.58	36.00	63.46	25.58	-	-
R48_01	20,44	House no. 113, Villa Pinada	Existing	Residential	815387.5	831321.6	1.5	104.78	24.33	84.60	36.02	63.48	25.60	-	-
R48_02	20,44	House no. 113, Villa Pinada	Existing	Residential	815387.5	831321.6	5	104.63	24.28	84.60	36.02	63.48	25.60	-	-
R48_03	20,44	House no. 113, Villa Pinada	Existing	Residential	815387.5	831321.6	10	104.20	24.17	84.59	36.01	63.47	25.59	-	-
R49_01	20,44	Village House near Villa Pinada	Existing	Residential	815471.7	831343.7	1.5	105.35	24.54	84.62	36.04	63.50	25.62	-	-
R49_02	20,44	Village House near Villa Pinada	Existing	Residential	815471.7	831343.7	5	104.70	24.42	84.62	36.03	63.49	25.61	-	-
R49_03	20,44	Village House near Villa Pinada	Existing	Residential	815471.7	831343.7	10	103.53	24.25	84.61	36.02	63.48	25.60	-	-
R50_01	20,44	Ng Lau Ah Wui Sitting Out Area	Existing	Recreational	815639.0	831275.6	1.5	106.84	24.70	84.67	36.06	63.53	25.63	-	-
R50_02	20,44	Ng Lau Ah Wui Sitting Out Area	Existing	Recreational	815639.0	831275.6	5	106.67	24.65	84.66	36.05	63.53	25.63	-	-
R50_03	20,44	Ng Lau Ah Wui Sitting Out Area	Existing	Recreational	815639.0	831275.6	10	106.28	24.55	84.65	36.04	63.52	25.62	-	-
R51_01	20,44	Village House near San Hing Tsuen	Existing	Residential	815720.4	831226.9	1.5	107.17	24.89	84.70	36.08	63.56	25.65	-	-
R51_02	20,44	Village House near San Hing Tsuen	Existing	Residential	815720.4	831226.9	5	107.12	24.84	84.70	36.07	63.56	25.64	-	-
R51_03	20,44	Village House near San Hing Tsuen	Existing	Residential	815720.4	831226.9	10	106.91	24.75	84.69	36.06	63.55	25.63	-	-

ASRs ID	PATH Grid	Description of ASRs	Existing/Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
R52_01	20,44	House no. 255, San Hing Tsuen	Existing	Residential	815797.7	831172.6	1.5	108.10	25.22	84.76	36.10	63.61	25.67	-	-
R52_02	20,44	House no. 255, San Hing Tsuen	Existing	Residential	815797.7	831172.6	5	108.07	25.17	84.75	36.10	63.60	25.66	-	-
R52_03	20,44	House no. 255, San Hing Tsuen	Existing	Residential	815797.7	831172.6	10	107.74	25.05	84.73	36.08	63.59	25.65	-	-
R53_01	20,44	House no. 240, San Hing Tsuen	Existing	Residential	815791.0	831073.9	1.5	109.77	25.75	84.78	36.13	63.63	25.69	-	-
R53_02	20,44	House no. 240, San Hing Tsuen	Existing	Residential	815791.0	831073.9	5	109.39	25.69	84.77	36.12	63.62	25.69	-	-
R53_03	20,44	House no. 240, San Hing Tsuen	Existing	Residential	815791.0	831073.9	10	108.56	25.53	84.75	36.10	63.61	25.67	-	-
R54_01	20,44	House no. 99, San Hing Tsuen	Existing	Residential	815889.4	830959.8	1.5	112.76	26.84	84.89	36.19	63.72	25.75	-	-
R54_02	20,44	House no. 99, San Hing Tsuen	Existing	Residential	815889.4	830959.8	5	112.37	26.74	84.88	36.18	63.71	25.74	-	-
R54_03	20,44	House no. 99, San Hing Tsuen	Existing	Residential	815889.4	830959.8	10	111.86	26.49	84.85	36.16	63.69	25.72	-	-
R55_01	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	1.5	111.19	25.19	84.13	37.03	63.14	26.33	-	-
R55_02	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	5	110.37	25.07	84.11	37.01	63.13	26.32	-	-
R55_03	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	10	110.07	24.80	84.08	36.99	63.11	26.30	-	-
R55_04	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	15	109.09	24.48	84.05	36.97	63.09	26.28	-	-
R55_05	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	20	108.16	24.14	84.03	36.95	63.07	26.27	-	-
R55_06	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	25	105.71	23.82	84.01	36.92	63.06	26.25	-	-
R55_07	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	30	103.88	23.53	83.99	36.89	63.04	26.24	-	-
R55_08	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	50	100.62	22.65	83.93	36.78	63.00	26.16	-	-
R55_09	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	80	98.09	21.77	83.84	36.63	62.91	26.02	-	-
R55_10	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	120	97.30	21.49	83.76	36.59	62.83	25.98	-	-
R56_01	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	1.5	107.40	24.77	84.14	37.06	63.15	26.35	-	-
R56_02	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	5	106.73	24.56	84.11	37.04	63.12	26.33	-	-
R56_03	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	10	105.37	24.13	84.04	37.01	63.08	26.30	-	-
R56_04	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	15	105.37	23.76	84.00	36.98	63.04	26.28	-	-
R56_05	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	20	105.37	23.50	83.97	36.96	63.02	26.27	-	-
R56_06	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	25	105.29	23.33	83.95	36.93	63.00	26.26	-	-
R56_07	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	30	104.51	23.20	83.93	36.91	62.99	26.25	-	-
R57_01	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	1.5	115.59	26.93	84.21	37.15	63.19	26.42	-	-
R57_02	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	5	111.89	25.96	84.18	37.10	63.17	26.38	-	-
R57_03	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	10	107.84	24.51	84.14	37.04	63.14	26.33	-	-
R57_04	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	15	106.32	23.79	84.11	37.01	63.12	26.30	-	-
R57_05	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	20	105.59	23.51	84.09	36.99	63.10	26.29	-	-
R57_06	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	25	104.93	23.37	84.07	36.97	63.10	26.28	-	-
R57_07	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	30	104.24	23.27	84.05	36.94	63.09	26.28	-	-
R57_08	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	50	102.01	22.72	84.00	36.81	63.06	26.20	-	-
R57_09	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	80	99.83	21.75	83.81	36.63	62.87	26.02	-	-
R57_10	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	120	98.26	21.48	83.74	36.59	62.81	25.98	-	-
R58_01	21,43	Lingnan University Multi Purpose Outdoor Sports Ground	Existing	Education Institution	816204.2	830393.4	1.5	109.39	26.66	84.36	37.16	63.31	26.44	-	-
R59_01	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	1.5	114.04	25.71	84.35	37.14	63.28	26.41	-	-
R59_02	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	5	112.28	25.45	84.34	37.11	63.27	26.38	-	-
R59_03	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	10	110.07	24.96	84.41	37.09	63.28	26.36	-	-
R59_04	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	15	108.35	24.54	84.42	37.06	63.28	26.34	-	-
R59_05	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	20	106.89	24.20	84.42	37.03	63.27	26.32	-	-
R59_06	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	25	106.02	23.91	84.39	37.00	63.26	26.31	-	-
R59_07	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	30	105.24	23.67	84.35	36.97	63.24	26.30	-	-
R59_08	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	50	102.29	22.78	84.14	36.82	63.16	26.21	-	-
R59_09	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	80	99.97	21.74	83.79	36.63	62.85	26.03	-	-
R59_10	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	120	97.41	21.48	83.74	36.59	62.81	25.98	-	-
R60_01	21,44	Block 6, 18 Rosewood	Existing	Residential	816111.4	830540.8	1.5	128.56	32.53	82.96	36.60	62.29	26.10	-	-
R60_02	21,44	Block 6, 18 Rosewood	Existing	Residential	816111.4	830540.8	5	124.88	30.86	82.83	36.51	62.17	26.02	-	-
R60_03	21,44	Block 6, 18 Rosewood	Existing	Residential	816111.4	830540.8	10	120.06	28.74	82.66	36.40	62.04	25.92	-	-
R61_01	21,44	Block 10, 18 Rosewood	Existing	Residential	816154.8	830576.2	1.5	127.44	31.89	82.88	36.58	62.21	26.09	-	-
R61_02	21,44	Block 10, 18 Rosewood	Existing	Residential	816154.8	830576.2	5	123.51	30.61	82.80	36.51	62.13	26.02	-	-
R61_03	21,44	Block 10, 18 Rosewood	Existing	Residential	816154.8	830576.2	10	119.23	28.76	82.65	36.42	62.02	25.93	-	-
R62_01	21,44	House no. 60, To Yuen Wai	Existing	Residential	816321.1	830730.3	1.5	120.43	28.52	82.85	36.47	62.06	25.97	-	-
R62_02	21,44	House no. 60, To Yuen Wai	Existing	Residential	816321.1	830730.3	5	119.39	27.98	82.83	36.43	62.04	25.93	-	-
R62_03	21,44	House no. 60, To Yuen Wai	Existing	Residential	816321.1	830730.3	10	115.77	26.81	82.74	36.36	62.07	25.87	-	-
R63_01	21,44	House no. 75, To Yuen Wai	Existing	Residential	816199.3	830761.7	1.5	125.66	30.21	82.86	36.53	62.08	26.03	-	-
R63_02	21,44	House no. 75, To Yuen Wai	Existing	Residential	816199.3	830761.7	5	122.30	29.31	82.85	36.47	62.07	25.98	-	-
R63_03	21,44	House no. 75, To Yuen Wai	Existing	Residential	816199.3	830761.7	10	118.16	27.71	82.86	36.39	62.11	25.91	-	-
R64_01	21,44	House no. 37, San Hing Tsuen	Existing	Residential	816026.7	830878.3	1.5	118.09	29.01	83.03	36.37	62.20	25.90	-	-
R64_02	21,44	House no. 37, San Hing Tsuen	Existing	Residential	816026.7	830878.3	5	117.56	28.48	83.00	36.34	62.18	25.88	-	-
R64_03	21,44	House no. 37, San Hing Tsuen	Existing	Residential	816026.7	830878.3	10	114.10	27.42	82.98	36.30	62.23	25.84	-	-
R65_01	21,44	House no. 120, Opulent Villa	Existing	Residential	816222.8	830927.4	1.5	120.71	27.35	83.10	36.34	62.16	25.85	-	-
R65_02	21,44	House no. 120, Opulent Villa	Existing	Residential	816222.8	830927.4	5	118.08	27.10	83.12	36.32	62.16	25.83	-	-
R65_03	21,44	House no. 120, Opulent Villa	Existing	Residential	816222.8	830927.4	10	114.74	26.64	83.19	36.33	62.28	25.83	-	-
R66_01	21,44	Block 1, E Lu	Existing	Residential	816281.5	831059.3	1.5	119.39	27.13	82.69	36.39	61.88	25.90	-	-
R66_02	21,44	Block 1, E Lu	Existing	Residential	816281.5	831059.3	5	116.80	26.40	82.67	36.34	61.86	25.86	-	-
R66_03	21,44	Block 1, E Lu	Existing	Residential	816281.5	831059.3	10	110.47	25.36	82.66	36.28	61.85	25.81	-	-
R67_01	21,44	Block A, Lingrade Garden	Existing	Residential	816206.7	831111.8	1.5	113.43	27.10	82.52	36.36	61.80	25.88	-	-
R67_02	21,44	Block A, Lingrade Garden	Existing	Residential	816206.7	831111.8	5	113.10	26.82	82.49	36.33	61.77	25.86	-	-
R67_03	21,44	Block A, Lingrade Garden	Existing	Residential	816206.7	831111.8	10	113.09	26.16	82.42	36.29	61.74	25.82	-	-

ASRs ID	PATH Grid	Description of ASRs	Existing/ Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
R68_01	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	1.5	111.10	26.91	86.72	36.64	65.08	26.05	-	-
R68_02	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	5	110.06	26.74	86.70	36.63	65.06	26.04	-	-
R68_03	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	10	108.92	26.34	86.67	36.60	65.04	26.02	-	-
R68_04	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	15	108.36	25.93	86.65	36.58	65.01	26.00	-	-
R68_05	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	20	107.87	25.57	86.63	36.56	65.00	25.98	-	-
R68_06	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	25	107.29	25.29	86.61	36.55	64.98	25.97	-	-
R68_07	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	30	106.74	25.05	86.60	36.54	64.97	25.96	-	-
R68_08	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	50	105.23	24.47	86.57	36.50	64.94	25.93	-	-
R68_09	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	80	105.02	24.10	86.54	36.47	64.91	25.90	-	-
R68_10	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	120	105.02	23.91	86.52	36.45	64.90	25.89	-	-
R69_01	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	1.5	111.75	27.10	86.72	36.65	65.08	26.06	-	-
R69_02	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	5	110.73	26.86	86.70	36.63	65.06	26.04	-	-
R69_03	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	10	109.69	26.36	86.67	36.60	65.03	26.02	-	-
R69_04	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	15	108.96	25.92	86.64	36.58	65.01	26.00	-	-
R69_05	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	20	108.49	25.57	86.62	36.56	64.99	25.98	-	-
R69_06	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	25	107.48	25.29	86.61	36.55	64.98	25.97	-	-
R69_07	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	30	106.81	25.05	86.59	36.54	64.97	25.96	-	-
R69_08	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	50	105.17	24.46	86.56	36.50	64.94	25.93	-	-
R69_09	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	80	105.02	24.10	86.54	36.47	64.91	25.90	-	-
R69_10	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	120	105.02	23.92	86.52	36.45	64.90	25.89	-	-
R70_01	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	1.5	111.96	28.67	86.80	36.72	65.15	26.12	-	-
R70_02	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	5	111.42	28.10	86.76	36.68	65.12	26.09	-	-
R70_03	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	10	110.48	27.05	86.69	36.63	65.05	26.04	-	-
R70_04	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	15	108.75	26.29	86.65	36.59	65.01	26.00	-	-
R70_05	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	20	108.45	25.78	86.62	36.57	64.99	25.98	-	-
R70_06	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	25	107.55	25.41	86.60	36.55	64.97	25.97	-	-
R70_07	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	30	106.79	25.12	86.59	36.54	64.96	25.96	-	-
R70_08	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	50	105.34	24.46	86.56	36.50	64.93	25.93	-	-
R70_09	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	80	105.02	24.09	86.54	36.47	64.91	25.90	-	-
R70_10	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	120	105.02	23.91	86.52	36.45	64.90	25.89	-	-
R71_01	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	1.5	112.29	28.54	86.76	36.70	65.12	26.11	-	-
R71_02	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	5	111.67	28.05	86.73	36.67	65.09	26.08	-	-
R71_03	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	10	110.55	27.08	86.68	36.63	65.04	26.04	-	-
R71_04	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	15	109.45	26.31	86.64	36.59	65.01	26.01	-	-
R71_05	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	20	108.39	25.78	86.62	36.57	64.99	25.98	-	-
R71_06	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	25	107.45	25.40	86.60	36.55	64.97	25.97	-	-
R71_07	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	30	106.69	25.11	86.59	36.54	64.96	25.96	-	-
R71_08	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	50	105.18	24.45	86.56	36.50	64.93	25.93	-	-
R71_09	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	80	105.02	24.09	86.54	36.47	64.91	25.90	-	-
R71_10	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	120	105.02	23.91	86.52	36.45	64.90	25.89	-	-
R72_01	19,43	Fung Shan Temple	Existing	Religious Institution	814852.5	830470.4	1.5	112.57	26.78	86.71	36.61	65.07	26.03	-	-
R72_02	19,43	Fung Shan Temple	Existing	Religious Institution	814852.5	830470.4	5	111.78	26.42	86.70	36.60	65.06	26.01	-	-
P01_01	20,44	Podium, SHR Site Extension	Planned	Residential	815506.2	831071.2	1.5	115.29	28.42	84.85	36.20	63.70	25.77	122.16	27.83
P01_02	20,44	Podium, SHR Site Extension	Planned	Residential	815506.2	831071.2	5	113.85	27.39	84.79	36.15	63.65	25.72	122.16	27.82
P01_03	20,44	Podium, SHR Site Extension	Planned	Residential	815506.2	831071.2	10	108.03	25.94	84.71	36.08	63.58	25.66	122.16	27.81
P02_01	20,44	Podium, SHR Site Extension	Planned	Residential	815393.0	831171.2	1.5	105.72	24.93	84.65	36.05	63.52	25.62	122.15	27.82
P02_02	20,44	Podium, SHR Site Extension	Planned	Residential	815393.0	831171.2	5	105.34	24.86	84.64	36.04	63.52	25.62	122.15	27.81
P02_03	20,44	Podium, SHR Site Extension	Planned	Residential	815393.0	831171.2	10	105.20	24.69	84.63	36.03	63.51	25.61	122.15	27.80
P03_01	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	1.5	107.07	25.37	84.68	36.07	63.55	25.64	122.16	27.83
P03_02	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	5	107.05	25.26	84.68	36.06	63.55	25.63	122.15	27.82
P03_03	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	10	105.77	24.99	84.65	36.04	63.54	25.62	122.15	27.81
P03_04	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	15	105.29	24.66	84.63	36.02	63.52	25.60	122.15	27.80
P03_05	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	20	103.19	24.32	84.61	36.01	63.50	25.59	122.15	27.79
P03_06	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	25	102.96	24.04	84.59	35.99	63.48	25.58	122.15	27.79
P03_07	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	30	102.28	23.81	84.57	35.98	63.46	25.57	122.15	27.79
P03_08	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	50	101.30	23.20	84.48	35.94	63.38	25.54	122.15	27.78
P03_09	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	80	100.63	22.69	84.34	35.89	63.27	25.49	122.15	27.77
P03_10	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	120	100.33	22.40	84.26	35.87	63.20	25.47	122.15	27.76
P04_01	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	1.5	107.65	25.47	84.68	36.08	63.55	25.65	122.16	27.83
P04_02	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	5	107.35	25.37	84.68	36.07	63.55	25.64	122.16	27.82
P04_03	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	10	107.04	25.11	84.65	36.05	63.53	25.63	122.15	27.81
P04_04	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	15	105.23	24.78	84.63	36.03	63.52	25.61	122.15	27.80
P04_05	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	20	103.90	24.45	84.61	36.02	63.50	25.60	122.15	27.80
P04_06	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	25	102.99	24.15	84.59	36.00	63.48	25.59	122.15	27.79
P04_07	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	30	102.26	23.91	84.57	35.99	63.46	25.57	122.15	27.79
P04_08	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	50	101.30	23.25	84.48	35.94	63.39	25.54	122.15	27.78
P04_09	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	80	100.60	22.71	84.34	35.89	63.27	25.50	122.15	27.77
P04_10	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	120	100.33	22.40	84.26	35.87	63.20	25.47	122.15	27.76

ASRs ID	PATH Grid	Description of ASRs	Existing/Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200) 19 th highest	Annual (AQO=40)	24-h (AQO=100) 10 th highest	Annual (AQO=50)	24-h (AQO=75) 10 th highest	Annual (AQO=35)	10-min (AQO=500) 4 th highest	24-h (AQO=125) 4 th highest
P05_01	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	1.5	104.93	24.72	84.63	36.04	63.51	25.62	122.15	27.83
P05_02	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	5	104.80	24.66	84.62	36.03	63.50	25.61	122.15	27.81
P05_03	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	10	104.29	24.53	84.61	36.02	63.49	25.60	122.15	27.80
P05_04	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	15	103.80	24.35	84.60	36.01	63.48	25.59	122.15	27.80
P05_05	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	20	103.42	24.16	84.59	36.00	63.47	25.58	122.15	27.79
P05_06	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	25	102.80	23.97	84.57	35.99	63.46	25.58	122.15	27.79
P05_07	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	30	101.73	23.78	84.55	35.98	63.45	25.57	122.15	27.79
P05_08	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	50	101.30	23.21	84.47	35.94	63.38	25.54	122.15	27.78
P05_09	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	80	100.68	22.70	84.34	35.89	63.27	25.49	122.15	27.77
P05_10	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	120	100.33	22.40	84.26	35.87	63.20	25.47	122.15	27.76
P06_01	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	1.5	106.02	24.80	84.64	36.05	63.51	25.63	122.16	27.83
P06_02	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	5	105.93	24.74	84.63	36.04	63.51	25.62	122.15	27.82
P06_03	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	10	105.55	24.61	84.62	36.03	63.50	25.61	122.15	27.81
P06_04	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	15	105.00	24.43	84.61	36.02	63.49	25.60	122.15	27.80
P06_05	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	20	103.81	24.24	84.59	36.01	63.48	25.59	122.15	27.79
P06_06	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	25	103.19	24.04	84.58	36.00	63.46	25.58	122.15	27.79
P06_07	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	30	102.82	23.86	84.56	35.99	63.45	25.57	122.15	27.79
P06_08	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	50	101.30	23.26	84.48	35.94	63.38	25.54	122.15	27.78
P06_09	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	80	100.66	22.72	84.34	35.89	63.27	25.50	122.15	27.77
P06_10	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	120	100.33	22.41	84.26	35.87	63.20	25.47	122.15	27.76
P07_01	20,44	Podium, HPR Site	Planned	Residential	815003.1	831045.2	1.5	108.05	25.09	84.63	36.01	63.51	25.59	122.15	27.81
P07_02	20,44	Podium, HPR Site	Planned	Residential	815003.1	831045.2	5	107.64	24.94	84.61	36.00	63.50	25.59	122.15	27.80
P08_01	20,44	Podium, HPR Site	Planned	Residential	815153.1	831086.8	1.5	119.14	28.57	84.70	36.08	63.58	25.66	122.15	27.82
P08_02	20,44	Podium, HPR Site	Planned	Residential	815153.1	831086.8	5	112.76	26.37	84.65	36.04	63.53	25.62	122.15	27.81
P08_03	20,44	Podium, HPR Site	Planned	Residential	815153.1	831086.8	10	106.36	24.80	84.60	36.00	63.49	25.59	122.15	27.80
P09_01	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	1.5	108.05	24.91	84.60	36.01	63.49	25.59	122.15	27.81
P09_02	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	5	107.63	24.79	84.59	36.00	63.48	25.58	122.15	27.80
P09_03	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	10	106.13	24.49	84.57	35.99	63.46	25.57	122.15	27.80
P09_04	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	15	105.28	24.14	84.54	35.97	63.44	25.56	122.15	27.79
P09_05	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	20	103.56	23.84	84.52	35.96	63.43	25.55	122.15	27.79
P09_06	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	25	102.79	23.61	84.50	35.95	63.41	25.54	122.15	27.78
P09_07	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	30	102.78	23.42	84.49	35.95	63.39	25.54	122.15	27.78
P09_08	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	50	101.72	22.97	84.42	35.92	63.34	25.51	122.15	27.77
P09_09	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	80	101.28	22.60	84.33	35.88	63.26	25.48	122.15	27.76
P09_10	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	120	100.32	22.37	84.26	35.86	63.20	25.47	122.14	27.76
P10_01	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	1.5	115.87	26.72	84.65	36.04	63.53	25.62	122.15	27.82
P10_02	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	5	112.39	26.02	84.63	36.03	63.51	25.61	122.15	27.81
P10_03	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	10	107.02	24.87	84.59	36.00	63.49	25.58	122.15	27.80
P10_04	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	15	104.49	24.23	84.57	35.98	63.46	25.57	122.15	27.79
P10_05	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	20	103.16	23.88	84.55	35.97	63.44	25.56	122.15	27.79
P10_06	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	25	102.79	23.64	84.53	35.96	63.43	25.55	122.15	27.79
P10_07	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	30	101.81	23.46	84.51	35.95	63.41	25.54	122.15	27.78
P10_08	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	50	101.72	23.01	84.44	35.92	63.35	25.52	122.15	27.78
P10_09	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	80	100.82	22.62	84.33	35.88	63.27	25.49	122.15	27.77
P10_10	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	120	100.33	22.38	84.26	35.86	63.20	25.47	122.15	27.76
P11_01	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	1.5	114.83	26.86	84.70	36.07	63.58	25.65	122.15	27.82
P11_02	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	5	112.23	26.18	84.68	36.05	63.56	25.63	122.15	27.81
P11_03	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	10	107.11	25.02	84.64	36.02	63.52	25.60	122.15	27.80
P11_04	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	15	104.25	24.34	84.60	36.00	63.49	25.58	122.15	27.79
P11_05	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	20	102.90	23.96	84.58	35.98	63.47	25.57	122.15	27.79
P11_06	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	25	102.74	23.72	84.55	35.97	63.45	25.56	122.15	27.79
P11_07	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	30	102.01	23.54	84.53	35.96	63.43	25.55	122.15	27.78
P11_08	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	50	101.45	23.06	84.45	35.93	63.37	25.52	122.15	27.78
P11_09	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	80	100.70	22.64	84.34	35.89	63.27	25.49	122.15	27.77
P11_10	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	120	100.33	22.38	84.26	35.86	63.20	25.47	122.15	27.76
P12_01	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	1.5	104.88	24.65	84.62	36.04	63.50	25.61	122.15	27.83
P12_02	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	5	104.69	24.57	84.62	36.03	63.49	25.61	122.15	27.81
P12_03	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	10	104.18	24.40	84.60	36.02	63.48	25.60	122.15	27.80
P12_04	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	15	103.58	24.23	84.59	36.01	63.47	25.59	122.15	27.80
P12_05	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	20	102.87	24.06	84.58	36.00	63.46	25.58	122.15	27.79
P12_06	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	25	102.32	23.89	84.56	35.99	63.45	25.57	122.15	27.79
P12_07	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	30	101.83	23.73	84.55	35.98	63.44	25.56	122.15	27.79
P13_01	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	1.5	107.06	24.90	84.66	36.06	63.53	25.63	122.16	27.84
P13_02	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	5	106.96	24.76	84.65	36.05	63.52	25.63	122.16	27.82
P13_03	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	10	106.42	24.56	84.63	36.03	63.51	25.61	122.16	27.81
P13_04	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	15	105.40	24.39	84.61	36.02	63.49	25.60	122.15	27.80
P13_05	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	20	104.11	24.22	84.60	36.01	63.48	25.59	122.15	27.80
P13_06	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	25	103.22	24.05	84.59	36.00	63.47	25.59	122.15	27.79
P13_07	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	30	102.80	23.89	84.57	35.99	63.46	25.58	122.15	27.79
P14_01	20,44	School at SHR Site Extension - Basketball Court	Planned	Education Institution	815583.3	831226.7	1.5	107.61	25.20	84.68	36.08	63.55	25.65	122.16	27.84

ASRs ID	PATH Grid	Description of ASRs	Existing/Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					1-h (AQO=200)	Annual (AQO=40)		24-h (AQO=100)	Annual (AQO=50)	24-h (AQO=75)	Annual (AQO=35)	10-min (AQO=500)	24-h (AQO=125)		
					19 th highest	10 th highest		10 th highest	10 th highest	10 th highest	10 th highest	4 th highest	4 th highest		
P15_01	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	1.5	110.52	25.85	84.70	36.10	63.57	25.67	122.16	27.83
P15_02	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	5	109.76	25.69	84.69	36.09	63.56	25.66	122.16	27.82
P15_03	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	10	108.21	25.30	84.66	36.06	63.54	25.64	122.16	27.81
P15_04	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	15	106.11	24.90	84.64	36.04	63.52	25.62	122.15	27.80
P15_05	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	20	104.14	24.55	84.62	36.03	63.51	25.60	122.15	27.80
P15_06	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	25	103.19	24.26	84.60	36.01	63.49	25.59	122.15	27.79
P15_07	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	30	102.85	24.00	84.58	36.00	63.47	25.58	122.15	27.79
P16_01	20,44	Podium, SHR Site	Planned	Residential	815541.7	831046.4	1.5	116.67	28.03	84.80	36.18	63.66	25.75	122.16	27.83
P16_02	20,44	Podium, SHR Site	Planned	Residential	815541.7	831046.4	5	114.05	27.41	84.78	36.15	63.64	25.72	122.16	27.82
P16_03	20,44	Podium, SHR Site	Planned	Residential	815541.7	831046.4	10	109.75	26.14	84.73	36.09	63.60	25.67	122.16	27.81
P17_01	20,44	Podium, SHR Site	Planned	Residential	815581.6	831018.5	1.5	119.09	28.37	84.83	36.19	63.68	25.76	122.16	27.83
P17_02	20,44	Podium, SHR Site	Planned	Residential	815581.6	831018.5	5	116.58	27.64	84.81	36.16	63.66	25.73	122.16	27.82
P17_03	20,44	Podium, SHR Site	Planned	Residential	815581.6	831018.5	10	110.10	26.24	84.75	36.10	63.61	25.67	122.16	27.81
P18_01	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	1.5	116.27	27.38	84.80	36.16	63.66	25.73	122.16	27.83
P18_02	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	5	114.69	27.02	84.79	36.14	63.64	25.71	122.16	27.82
P18_03	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	10	110.58	26.20	84.74	36.10	63.61	25.67	122.16	27.81
P18_04	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	15	107.39	25.41	84.70	36.07	63.58	25.64	122.16	27.80
P18_05	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	20	105.31	24.84	84.67	36.04	63.55	25.62	122.16	27.80
P18_06	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	25	103.58	24.45	84.64	36.02	63.52	25.60	122.16	27.80
P18_07	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	30	102.51	24.16	84.60	36.01	63.50	25.59	122.16	27.79
P18_08	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	50	101.04	23.40	84.49	35.95	63.40	25.55	122.15	27.79
P18_09	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	80	100.43	22.74	84.34	35.90	63.27	25.50	122.15	27.77
P18_10	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	120	100.31	22.39	84.26	35.87	63.20	25.47	122.15	27.76
P19_01	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	1.5	112.07	26.25	84.73	36.12	63.60	25.69	122.16	27.83
P19_02	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	5	111.16	26.10	84.73	36.11	63.59	25.68	122.16	27.82
P19_03	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	10	108.89	25.73	84.70	36.08	63.57	25.65	122.16	27.81
P19_04	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	15	106.59	25.26	84.67	36.06	63.55	25.64	122.16	27.80
P19_05	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	20	104.38	24.83	84.65	36.04	63.53	25.62	122.16	27.80
P19_06	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	25	103.35	24.46	84.62	36.02	63.51	25.60	122.16	27.80
P19_07	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	30	102.69	24.17	84.60	36.01	63.49	25.59	122.16	27.79
P19_08	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	50	101.09	23.39	84.49	35.96	63.40	25.55	122.15	27.79
P19_09	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	80	100.44	22.74	84.34	35.90	63.27	25.50	122.15	27.77
P19_10	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	120	100.32	22.40	84.26	35.87	63.20	25.47	122.15	27.76
P20_01	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	1.5	108.95	25.43	84.71	36.09	63.57	25.66	122.16	27.84
P20_02	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	5	108.69	25.36	84.70	36.08	63.57	25.65	122.16	27.82
P20_03	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	10	108.39	25.20	84.69	36.07	63.56	25.64	122.16	27.81
P20_04	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	15	106.86	24.97	84.67	36.06	63.54	25.63	122.16	27.80
P20_05	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	20	105.65	24.71	84.65	36.04	63.53	25.62	122.16	27.80
P20_06	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	25	104.00	24.45	84.63	36.03	63.51	25.61	122.16	27.80
P20_07	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	30	103.19	24.21	84.61	36.01	63.49	25.60	122.16	27.80
P20_08	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	50	101.19	23.44	84.50	35.96	63.40	25.55	122.15	27.79
P20_09	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	80	100.45	22.77	84.34	35.90	63.27	25.50	122.15	27.77
P20_10	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	120	100.32	22.41	84.26	35.87	63.20	25.47	122.15	27.76
P21_01	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	1.5	107.69	25.05	84.71	36.08	63.57	25.66	122.16	27.85
P21_02	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	5	107.67	25.00	84.71	36.08	63.57	25.65	122.16	27.83
P21_03	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	10	107.45	24.89	84.69	36.07	63.56	25.64	122.16	27.82
P21_04	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	15	106.71	24.75	84.68	36.06	63.55	25.63	122.16	27.81
P21_05	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	20	105.70	24.58	84.66	36.04	63.53	25.62	122.16	27.80
P21_06	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	25	105.08	24.39	84.64	36.03	63.52	25.61	122.16	27.80
P21_07	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	30	103.53	24.20	84.62	36.02	63.50	25.60	122.16	27.80
P21_08	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	50	101.72	23.51	84.51	35.97	63.41	25.56	122.16	27.79
P21_09	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	80	100.65	22.80	84.35	35.90	63.28	25.50	122.15	27.78
P21_10	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	120	100.33	22.43	84.26	35.87	63.20	25.47	122.15	27.76
P22_01	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	1.5	108.23	25.27	84.75	36.10	63.60	25.67	122.16	27.85
P22_02	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	5	108.21	25.21	84.75	36.09	63.60	25.66	122.16	27.83
P22_03	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	10	107.79	25.10	84.73	36.08	63.59	25.65	122.16	27.82
P22_04	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	15	107.20	24.94	84.71	36.07	63.57	25.64	122.16	27.81
P22_05	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	20	106.47	24.75	84.69	36.06	63.56	25.63	122.16	27.81
P22_06	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	25	105.71	24.54	84.67	36.05	63.54	25.62	122.16	27.80
P22_07	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	30	105.02	24.33	84.64	36.03	63.52	25.61	122.16	27.80
P22_08	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	50	101.72	23.58	84.52	35.98	63.42	25.57	122.16	27.79
P22_09	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	80	101.13	22.82	84.35	35.91	63.28	25.51	122.16	27.78
P22_10	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	120	100.32	22.42	84.26	35.87	63.20	25.48	122.15	27.77

ASRs ID	PATH Grid	Description of ASRs	Existing/Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200)	Annual (AQO=40)	24-h (AQO=100)	Annual (AQO=50)	24-h (AQO=75)	Annual (AQO=35)	10-min (AQO=500)	24-h (AQO=125)
					Eastings	Northings		19 th highest		10 th highest		10 th highest		4 th highest	4 th highest
P23_01	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	1.5	108.84	25.45	84.76	36.11	63.61	25.68	122.17	27.85
P23_02	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	5	108.71	25.39	84.75	36.10	63.61	25.67	122.16	27.83
P23_03	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	10	108.36	25.26	84.73	36.09	63.60	25.66	122.16	27.82
P23_04	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	15	107.62	25.08	84.71	36.08	63.58	25.65	122.16	27.81
P23_05	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	20	106.76	24.87	84.69	36.06	63.56	25.64	122.16	27.81
P23_06	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	25	105.54	24.64	84.67	36.05	63.54	25.63	122.16	27.80
P23_07	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	30	105.00	24.41	84.65	36.04	63.52	25.62	122.16	27.80
P23_08	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	50	101.72	23.61	84.52	35.98	63.42	25.57	122.16	27.80
P23_09	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	80	101.10	22.82	84.35	35.91	63.28	25.51	122.16	27.78
P23_10	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	120	100.31	22.42	84.26	35.87	63.20	25.48	122.15	27.77
P24_01	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	1.5	111.26	25.77	84.77	36.12	63.62	25.69	122.16	27.84
P24_02	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	5	110.87	25.70	84.76	36.11	63.61	25.68	122.16	27.83
P24_03	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	10	110.00	25.54	84.73	36.10	63.60	25.67	122.16	27.82
P24_04	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	15	109.12	25.31	84.71	36.08	63.58	25.65	122.16	27.81
P24_05	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	20	107.63	25.04	84.69	36.07	63.56	25.64	122.16	27.80
P24_06	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	25	105.85	24.76	84.66	36.05	63.54	25.63	122.16	27.80
P24_07	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	30	104.89	24.49	84.64	36.03	63.52	25.62	122.16	27.80
P24_08	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	50	101.72	23.59	84.51	35.97	63.42	25.57	122.16	27.79
P24_09	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	80	100.77	22.80	84.34	35.91	63.27	25.51	122.16	27.78
P24_10	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	120	100.32	22.41	84.26	35.87	63.20	25.48	122.15	27.76
P25_01	20,44	School at SHR Site - Basketball Court	Planned	Education Institution	815688.1	830981.0	1.5	115.67	26.97	84.81	36.16	63.66	25.72	122.16	27.84
P26_01	20,44	School at SHR Site - Basketball Court	Planned	Education Institution	815763.5	830923.6	1.5	114.82	27.36	84.88	36.19	63.72	25.76	122.17	27.84
P27_01	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	1.5	116.22	28.13	84.96	36.24	63.79	25.80	122.17	27.85
P27_02	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	5	114.82	27.73	84.93	36.21	63.76	25.77	122.17	27.83
P27_03	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	10	112.39	27.16	84.89	36.17	63.73	25.74	122.16	27.82
P27_04	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	15	110.87	26.58	84.85	36.14	63.70	25.71	122.16	27.81
P27_05	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	20	108.20	25.99	84.81	36.12	63.67	25.68	122.16	27.81
P27_06	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	25	106.06	25.44	84.78	36.09	63.65	25.66	122.16	27.81
P27_07	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	30	105.41	24.95	84.74	36.06	63.62	25.64	122.16	27.81
P27_08	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	50	101.51	23.67	84.57	35.98	63.48	25.58	122.16	27.80
P27_09	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	80	100.38	22.77	84.35	35.91	63.28	25.51	122.16	27.78
P27_10	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	120	100.31	22.38	84.26	35.87	63.20	25.48	122.15	27.77
P28_01	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	1.5	111.97	27.08	84.88	36.19	63.72	25.75	122.17	27.85
P28_02	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	5	110.79	26.93	84.87	36.18	63.70	25.74	122.17	27.83
P28_03	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	10	108.88	26.60	84.83	36.15	63.68	25.72	122.16	27.82
P28_04	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	15	107.57	26.19	84.80	36.13	63.66	25.70	122.16	27.81
P28_05	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	20	107.03	25.75	84.76	36.11	63.63	25.68	122.16	27.81
P28_06	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	25	105.91	25.31	84.72	36.08	63.60	25.66	122.16	27.81
P28_07	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	30	105.28	24.90	84.69	36.06	63.57	25.64	122.16	27.80
P28_08	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	50	102.43	23.69	84.53	35.98	63.44	25.58	122.16	27.80
P28_09	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	80	100.46	22.78	84.34	35.91	63.28	25.51	122.16	27.78
P28_10	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	120	100.32	22.38	84.26	35.87	63.20	25.48	122.15	27.77
P29_01	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	1.5	112.51	27.24	84.92	36.21	63.75	25.77	122.17	27.85
P29_02	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	5	112.43	27.12	84.91	36.20	63.74	25.76	122.17	27.84
P29_03	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	10	112.15	26.83	84.87	36.18	63.72	25.74	122.17	27.83
P29_04	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	15	110.96	26.43	84.84	36.16	63.69	25.72	122.17	27.82
P29_05	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	20	108.41	25.97	84.80	36.13	63.66	25.70	122.17	27.81
P29_06	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	25	107.19	25.51	84.76	36.11	63.63	25.68	122.17	27.81
P29_07	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	30	106.10	25.07	84.72	36.08	63.60	25.66	122.16	27.81
P29_08	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	50	103.06	23.76	84.55	36.00	63.46	25.60	122.16	27.80
P29_09	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	80	101.71	22.78	84.35	35.92	63.28	25.52	122.16	27.78
P29_10	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	120	101.26	22.38	84.26	35.88	63.20	25.48	122.16	27.77
P30_01	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	1.5	122.34	30.63	85.14	36.37	63.95	25.91	122.17	27.85
P30_02	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	5	120.31	29.86	85.10	36.32	63.92	25.87	122.17	27.84
P30_03	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	10	117.69	28.64	85.05	36.26	63.87	25.81	122.17	27.83
P30_04	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	15	113.49	27.50	85.00	36.20	63.83	25.76	122.17	27.82
P30_05	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	20	109.86	26.53	84.95	36.16	63.80	25.72	122.17	27.82
P30_06	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	25	107.81	25.75	84.92	36.12	63.77	25.69	122.17	27.81
P30_07	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	30	106.24	25.15	84.89	36.09	63.75	25.67	122.17	27.81
P30_08	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	50	102.93	23.72	84.68	36.01	63.59	25.60	122.16	27.80
P30_09	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	80	101.75	22.75	84.37	35.93	63.30	25.53	122.16	27.78
P30_10	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	120	101.20	22.36	84.27	35.88	63.21	25.49	122.16	27.77

ASRs ID	PATH Grid	Description of ASRs	Existing/Planned Uses	Nature of Use	ASR Coordinates		Flag Pole Receiver Height, mAG	Predicted Cumulative Impacts for Year 2033 (µg/m3) (With Development, With Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
								1-h (AQO=200)	Annual (AQO=40)	24-h (AQO=100)	Annual (AQO=50)	24-h (AQO=75)	Annual (AQO=35)	10-min (AQO=500)	24-h (AQO=125)
					Eastings	Northings		19 th highest		10 th highest		10 th highest		4 th highest	4 th highest
P31_01	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	1.5	128.02	33.18	85.32	36.49	64.11	26.02	122.18	27.86
P31_02	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	5	125.58	32.06	85.27	36.44	64.06	25.98	122.18	27.85
P31_03	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	10	118.88	29.97	85.18	36.35	63.97	25.89	122.17	27.83
P31_04	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	15	114.95	28.29	85.09	36.28	63.90	25.83	122.17	27.83
P31_05	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	20	113.19	27.02	85.02	36.22	63.84	25.78	122.17	27.82
P31_06	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	25	110.88	26.06	84.96	36.18	63.79	25.74	122.17	27.82
P31_07	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	30	108.68	25.34	84.90	36.14	63.75	25.71	122.17	27.82
P31_08	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	50	105.20	23.74	84.67	36.06	63.57	25.66	122.17	27.81
P31_09	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	80	102.46	22.74	84.42	35.97	63.36	25.57	122.16	27.79
P31_10	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	120	101.46	22.36	84.31	35.90	63.25	25.50	122.16	27.77
P32_01	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	1.5	114.59	28.78	85.06	36.30	63.87	25.85	122.18	27.86
P32_02	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	5	114.56	28.51	85.04	36.28	63.85	25.83	122.18	27.85
P32_03	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	10	113.53	27.87	84.99	36.25	63.82	25.80	122.17	27.83
P32_04	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	15	112.10	27.14	84.95	36.22	63.78	25.78	122.17	27.82
P32_05	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	20	110.77	26.45	84.91	36.19	63.76	25.75	122.17	27.82
P32_06	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	25	109.52	25.82	84.88	36.16	63.74	25.73	122.17	27.82
P32_07	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	30	108.01	25.27	84.86	36.13	63.73	25.71	122.17	27.82
P32_08	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	50	105.28	23.78	84.64	36.04	63.54	25.63	122.17	27.81
P32_09	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	80	102.76	22.76	84.36	35.94	63.30	25.54	122.16	27.79
P32_10	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	120	101.70	22.37	84.27	35.89	63.21	25.49	122.16	27.77
P33_01	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	1.5	125.53	33.47	83.11	36.55	62.35	26.07	144.94	29.34
P33_02	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	5	122.84	31.36	83.03	36.47	62.28	25.99	144.94	29.17
P33_03	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	10	118.28	28.85	82.91	36.37	62.25	25.90	144.93	29.19
P33_04	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	15	111.28	27.34	82.83	36.30	62.20	25.85	144.93	29.54
P33_05	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	20	108.63	26.20	82.77	36.25	62.16	25.80	144.93	30.15
P33_06	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	25	105.47	25.28	82.73	36.21	62.14	25.77	144.93	30.50
P33_07	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	30	103.52	24.58	82.69	36.17	62.12	25.75	144.93	30.51
P33_08	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	50	98.81	22.96	82.54	36.11	62.00	25.73	144.92	30.26
P33_09	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	80	97.47	21.82	81.80	35.93	61.37	25.56	144.92	26.42
P33_10	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	120	96.33	21.41	81.74	35.82	61.30	25.45	144.91	26.38