

APPENDIX 4.19
Detailed Operation Air Quality Impacts in Year 2029
(without 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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
R01_01	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	1.5	115.59	29.27	86.93	36.76	65.27	26.16	-	-
R01_02	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	5	114.87	28.78	86.89	36.73	65.24	26.13	-	-
R01_03	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	10	113.22	27.82	86.83	36.67	65.18	26.08	-	-
R01_04	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	15	109.34	27.00	86.77	36.63	65.13	26.04	-	-
R01_05	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	20	108.59	26.38	86.72	36.60	65.09	26.01	-	-
R01_06	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	25	108.46	25.90	86.69	36.57	65.05	25.99	-	-
R01_07	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	30	108.44	25.54	86.66	36.55	65.03	25.97	-	-
R01_08	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	50	105.86	24.69	86.60	36.51	64.97	25.93	-	-
R01_09	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	80	105.02	24.18	86.55	36.47	64.93	25.90	-	-
R01_10	19,43	Tower 1, Goodrich Garden	Existing	Residential	814711.5	829990.8	120	105.02	23.94	86.52	36.46	64.90	25.89	-	-
R02_01	19,43	Farm House of New Life Farm	Existing	Commercial	814841.9	830126.7	1.5	115.45	28.25	86.77	36.71	65.13	26.11	-	-
R02_02	19,43	Farm House of New Life Farm	Existing	Commercial	814841.9	830126.7	5	115.12	28.08	86.77	36.70	65.12	26.10	-	-
R03_01	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	1.5	118.63	30.83	86.87	36.79	65.21	26.19	-	-
R03_02	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	5	117.17	30.05	86.83	36.76	65.18	26.16	-	-
R03_03	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	10	113.73	28.47	86.77	36.69	65.12	26.10	-	-
R03_04	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	15	110.74	27.25	86.72	36.64	65.08	26.05	-	-
R03_05	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	20	109.42	26.48	86.69	36.60	65.05	26.02	-	-
R03_06	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	25	108.89	25.96	86.67	36.58	65.03	25.99	-	-
R03_07	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	30	108.58	25.59	86.65	36.56	65.01	25.98	-	-
R03_08	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	50	106.53	24.73	86.61	36.51	64.97	25.94	-	-
R03_09	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	80	105.02	24.20	86.56	36.47	64.93	25.90	-	-
R03_10	19,43	Block 9, Po Tin Estate	Existing	Residential	814713.9	830196.4	120	105.02	23.94	86.52	36.45	64.90	25.89	-	-
R04_01	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	1.5	119.50	29.84	86.82	36.74	65.17	26.14	-	-
R04_02	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	5	117.81	29.10	86.79	36.71	65.14	26.11	-	-
R04_03	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	10	114.98	27.78	86.74	36.66	65.09	26.07	-	-
R04_04	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	15	112.81	26.86	86.71	36.62	65.06	26.03	-	-
R04_05	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	20	110.31	26.28	86.68	36.59	65.04	26.01	-	-
R04_06	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	25	109.35	25.87	86.67	36.57	65.03	25.99	-	-
R04_07	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	30	108.53	25.55	86.66	36.56	65.02	25.98	-	-
R04_08	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	50	106.41	24.74	86.61	36.51	64.97	25.94	-	-
R04_09	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	80	105.03	24.21	86.57	36.47	64.93	25.90	-	-
R04_10	19,43	TM54 Site 5	Existing	Residential	814767.9	830263.2	120	105.02	23.95	86.53	36.46	64.90	25.89	-	-
R05_01	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	1.5	116.37	28.39	86.77	36.68	65.12	26.09	-	-
R05_02	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	5	115.27	28.15	86.76	36.67	65.11	26.08	-	-
R05_03	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	10	113.96	27.50	86.73	36.64	65.09	26.05	-	-
R05_04	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	15	112.39	26.82	86.71	36.62	65.07	26.03	-	-
R05_05	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	20	111.52	26.27	86.69	36.59	65.05	26.01	-	-
R05_06	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	25	110.12	25.86	86.68	36.57	65.03	25.99	-	-
R05_07	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	30	108.97	25.54	86.66	36.56	65.02	25.98	-	-
R05_08	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	50	106.60	24.75	86.62	36.51	64.98	25.94	-	-
R05_09	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	80	105.09	24.21	86.57	36.47	64.94	25.91	-	-
R05_10	19,43	TM54 Site 5	Existing	Residential	814767.7	830312.3	120	105.02	23.95	86.53	36.46	64.90	25.89	-	-
R06_01	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	1.5	116.15	28.39	86.76	36.69	65.11	26.10	-	-
R06_02	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	5	115.73	28.12	86.75	36.68	65.10	26.09	-	-
R06_03	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	10	113.62	27.50	86.72	36.65	65.08	26.06	-	-
R06_04	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	15	111.23	26.89	86.70	36.62	65.06	26.04	-	-
R06_05	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	20	109.19	26.37	86.69	36.60	65.05	26.01	-	-
R06_06	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	25	108.54	25.94	86.67	36.58	65.03	26.00	-	-
R06_07	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	30	108.42	25.59	86.66	36.56	65.02	25.98	-	-
R06_08	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	50	105.91	24.73	86.61	36.51	64.98	25.94	-	-
R06_09	19,43	TM54 Site 3/4 (West)	Existing	Residential	814803.7	830205.0	80	105.02	24.20	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	23.95	86.53	36.46	64.90	25.89	-	-
R07_01	19,43	Block F, Po Wah Garden - Phase 2	Existing	Residential	814853.7	830348.6	1.5	113.39	27.48	86.75	36.64	65.10	26.05	-	-
R07_02	19,43	Block F, Po Wah Garden - Phase 2	Existing	Residential	814853.7	830348.6	5	112.72	27.25	86.74	36.63	65.10	26.05	-	-
R07_03	19,43	Block F, Po Wah Garden - Phase 2	Existing	Residential	814853.7	830348.6	10	111.57	26.76	86.73	36.61	65.08	26.03	-	-
R08_01	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	1.5	109.69	25.71	89.21	37.59	66.96	26.73	-	-
R08_02	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	5	108.82	25.41	89.20	37.58	66.94	26.71	-	-
R08_03	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	10	106.89	24.85	89.20	37.56	66.94	26.69	-	-
R08_04	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	15	105.22	24.44	89.18	37.54	66.91	26.68	-	-
R08_05	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	20	104.06	24.18	89.15	37.53	66.89	26.67	-	-
R08_06	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	25	103.30	23.98	89.12	37.52	66.87	26.66	-	-
R08_07	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	30	102.94	23.80	89.08	37.51	66.84	26.65	-	-
R08_08	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	50	100.45	23.24	88.99	37.47	66.77	26.62	-	-
R08_09	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	80	99.55	22.75	88.93	37.42	66.71	26.58	-	-
R08_10	19,44	Block 1, TM54 Site 1 & 1A	Existing	Residential	814818.5	830540.0	120	98.85	22.48	88.87	37.40	66.66	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
R09_01	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	1.5	106.34	24.78	89.16	37.55	66.90	26.69	-	-
R09_02	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	5	105.99	24.70	89.15	37.55	66.89	26.68	-	-
R09_03	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	10	105.08	24.50	89.17	37.54	66.90	26.68	-	-
R09_04	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	15	104.05	24.27	89.16	37.53	66.88	26.67	-	-
R09_05	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	20	103.63	24.06	89.13	37.52	66.86	26.66	-	-
R09_06	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	25	103.27	23.88	89.10	37.51	66.84	26.65	-	-
R09_07	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	30	102.33	23.71	89.06	37.50	66.82	26.64	-	-
R09_08	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	50	100.91	23.21	88.99	37.46	66.77	26.62	-	-
R09_09	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	80	99.55	22.75	88.92	37.42	66.71	26.58	-	-
R09_10	19,44	Block 3, TM54 Site 1 & 1A	Existing	Residential	814797.7	830720.8	120	98.94	22.48	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	24.77	89.15	37.55	66.91	26.69	-	-
R10_02	19,44	Village House near Proposed Road L7	Existing	Residential	814848.8	830815.0	5	104.61	24.65	89.14	37.54	66.90	26.68	-	-
R10_03	19,44	Village House near Proposed Road L7	Existing	Residential	814848.8	830815.0	10	104.51	24.39	89.14	37.53	66.88	26.67	-	-
R11_01	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	1.5	113.69	27.15	82.10	35.66	61.62	25.36	-	-
R11_02	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	5	110.56	26.48	82.06	35.64	61.59	25.34	-	-
R11_03	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	10	107.80	25.75	82.02	35.62	61.55	25.32	-	-
R11_04	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	15	107.63	25.39	81.99	35.61	61.53	25.31	-	-
R11_05	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	20	106.60	25.15	81.97	35.60	61.51	25.30	-	-
R11_06	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	25	105.96	24.93	81.95	35.58	61.50	25.29	-	-
R11_07	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	30	105.33	24.71	81.93	35.57	61.47	25.28	-	-
R11_08	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	50	103.85	24.00	81.85	35.52	61.41	25.24	-	-
R11_09	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	80	102.66	23.42	81.78	35.48	61.34	25.20	-	-
R11_10	20,43	TM54 Site 3/4 (East)	Existing	Residential	815144.0	830377.4	120	102.47	23.08	81.75	35.45	61.32	25.17	-	-
R12_01	20,43	Block B, Villa Family	Existing	Residential	815122.2	830417.2	1.5	113.65	26.96	82.08	35.65	61.60	25.35	-	-
R12_02	20,43	Block B, Villa Family	Existing	Residential	815122.2	830417.2	5	111.54	26.41	82.06	35.63	61.58	25.34	-	-
R12_03	20,43	Block B, Villa Family	Existing	Residential	815122.2	830417.2	10	107.76	25.65	82.03	35.61	61.56	25.32	-	-
R13_01	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	1.5	112.10	26.90	82.18	35.67	61.69	25.37	-	-
R13_02	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	5	110.55	26.58	82.16	35.66	61.67	25.36	-	-
R13_03	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	10	109.24	26.04	82.12	35.64	61.64	25.34	-	-
R13_04	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	15	106.80	25.66	82.09	35.62	61.61	25.32	-	-
R13_05	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	20	106.78	25.37	82.06	35.61	61.59	25.31	-	-
R13_06	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	25	106.18	25.12	82.03	35.60	61.56	25.30	-	-
R13_07	20,43	Secondary School at TM54 Site 4A (East)	Existing	Education Institution	815305.5	830480.0	30	105.49	24.88	82.00	35.58	61.54	25.29	-	-
R14_01	20,43	Village House near Tsz Tin Road	Existing	Residential	815396.4	830427.1	1.5	111.28	26.90	82.18	35.70	61.69	25.39	-	-
R14_02	20,43	Village House near Tsz Tin Road	Existing	Residential	815396.4	830427.1	5	111.10	26.75	82.16	35.69	61.68	25.38	-	-
R14_03	20,43	Village House near Tsz Tin Road	Existing	Residential	815396.4	830427.1	10	110.69	26.46	82.12	35.67	61.64	25.37	-	-
R15_01	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	1.5	113.39	27.92	82.38	35.74	61.86	25.43	-	-
R15_02	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	5	112.69	27.55	82.34	35.72	61.83	25.41	-	-
R15_03	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	10	110.39	26.85	82.27	35.69	61.77	25.38	-	-
R15_04	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	15	109.62	26.33	82.21	35.66	61.72	25.36	-	-
R15_05	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	20	107.75	25.94	82.16	35.64	61.68	25.34	-	-
R15_06	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	25	106.36	25.60	82.11	35.62	61.64	25.33	-	-
R15_07	20,43	Primary School at TM54 Site 4A (East)	Existing	Education Institution	815455.3	830526.0	30	105.29	25.29	82.08	35.61	61.61	25.31	-	-
R16_01	20,43	Block 1, Unicorn Garden	Existing	Residential	815565.3	830484.4	1.5	121.14	32.15	82.64	35.93	62.11	25.61	-	-
R16_02	20,43	Block 1, Unicorn Garden	Existing	Residential	815565.3	830484.4	5	118.59	30.86	82.53	35.88	62.01	25.55	-	-
R16_03	20,43	Block 1, Unicorn Garden	Existing	Residential	815565.3	830484.4	10	114.58	28.90	82.35	35.79	61.85	25.47	-	-
R17_01	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815626.6	830455.2	1.5	125.80	37.07	82.88	36.18	62.33	25.83	-	-
R17_02	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815626.6	830455.2	5	118.86	33.58	82.62	36.02	62.09	25.69	-	-
R17_03	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815626.6	830455.2	10	116.02	30.65	82.40	35.88	61.90	25.56	-	-
R18_01	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815620.9	830422.9	1.5	119.22	33.76	82.63	36.04	62.10	25.71	-	-
R18_02	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815620.9	830422.9	5	117.32	32.80	82.55	35.99	62.03	25.66	-	-
R18_03	20,43	House no. 199A, Kei Lun Wai	Existing	Residential	815620.9	830422.9	10	116.09	30.76	82.39	35.88	61.89	25.56	-	-
R19_01	20,43	House no. 39, Kei Lun Wai 2nd Lane	Existing	Residential	815609.3	830218.4	1.5	115.20	31.92	82.44	35.97	61.94	25.63	-	-
R19_02	20,43	House no. 39, Kei Lun Wai 2nd Lane	Existing	Residential	815609.3	830218.4	5	113.72	31.13	82.37	35.92	61.88	25.59	-	-
R19_03	20,43	House no. 39, Kei Lun Wai 2nd Lane	Existing	Residential	815609.3	830218.4	10	111.80	29.57	82.24	35.84	61.76	25.52	-	-
R20_01	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	1.5	117.59	30.84	82.34	35.91	61.85	25.58	-	-
R20_02	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	5	116.56	30.39	82.30	35.88	61.81	25.56	-	-
R20_03	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	10	114.46	29.48	82.22	35.83	61.75	25.51	-	-
R20_04	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	15	110.77	28.65	82.16	35.79	61.70	25.47	-	-
R20_05	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	20	108.16	27.93	82.12	35.76	61.66	25.44	-	-
R20_06	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	25	105.25	27.26	82.08	35.72	61.62	25.42	-	-
R20_07	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	30	104.23	26.65	82.04	35.70	61.59	25.39	-	-
R20_08	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	50	103.29	24.86	81.98	35.60	61.54	25.31	-	-
R20_09	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	80	102.66	23.59	81.90	35.51	61.46	25.23	-	-
R20_10	20,43	Siu Yan House, Siu Hong Court	Existing	Residential	815666.0	830233.8	120	102.65	23.07	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
R21_01	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	1.5	122.76	34.26	82.46	36.03	61.96	25.70	-	-
R21_02	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	5	122.39	33.99	82.43	36.02	61.93	25.68	-	-
R21_03	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	10	121.03	33.16	82.35	35.97	61.87	25.64	-	-
R21_04	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	15	117.62	31.94	82.28	35.92	61.81	25.59	-	-
R21_05	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	20	116.28	30.55	82.21	35.87	61.74	25.54	-	-
R21_06	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	25	112.29	29.21	82.14	35.81	61.68	25.49	-	-
R21_07	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	30	110.01	28.03	82.09	35.76	61.63	25.45	-	-
R21_08	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	50	103.81	25.12	81.99	35.62	61.54	25.33	-	-
R21_09	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	80	102.93	23.58	81.91	35.51	61.47	25.24	-	-
R21_10	20,43	Siu Wai House, Siu Hong Court	Existing	Residential	815783.3	830231.1	120	102.65	23.06	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	117.92	31.43	82.48	35.93	61.97	25.60	-	-
R22_02	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	5	117.09	30.99	82.44	35.91	61.93	25.58	-	-
R22_03	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	10	115.32	29.98	82.33	35.85	61.84	25.53	-	-
R22_04	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	15	113.64	29.00	82.25	35.80	61.77	25.48	-	-
R22_05	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	20	109.81	28.17	82.19	35.76	61.72	25.45	-	-
R22_06	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	25	107.69	27.46	82.14	35.73	61.67	25.42	-	-
R22_07	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	30	105.95	26.83	82.09	35.70	61.64	25.39	-	-
R22_08	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	50	103.52	24.94	81.99	35.60	61.55	25.31	-	-
R22_09	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	80	102.79	23.59	81.87	35.51	61.43	25.23	-	-
R22_10	20,43	Siu Shun House, Siu Hong Court	Existing	Residential	815679.9	830419.6	120	102.65	23.06	81.78	35.46	61.34	25.18	-	-
R23_01	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	1.5	122.24	33.32	82.56	36.04	62.04	25.70	-	-
R23_02	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	5	121.83	33.08	82.54	36.02	62.02	25.69	-	-
R23_03	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	10	119.99	32.38	82.46	35.98	61.96	25.65	-	-
R23_04	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	15	117.08	31.39	82.38	35.93	61.89	25.60	-	-
R23_05	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	20	115.70	30.25	82.30	35.88	61.82	25.55	-	-
R23_06	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	25	113.55	29.11	82.23	35.83	61.76	25.51	-	-
R23_07	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	30	111.01	28.07	82.18	35.78	61.72	25.47	-	-
R23_08	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	50	104.59	25.24	82.12	35.64	61.68	25.35	-	-
R23_09	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	80	102.93	23.59	81.99	35.53	61.55	25.25	-	-
R23_10	20,43	Siu Ping House, Siu Hong Court	Existing	Residential	815846.3	830458.9	120	101.99	23.04	81.81	35.47	61.38	25.19	-	-
R24_01	20,43	Tuen Fu Road Community Garden	Existing	Recreational	815977.7	830250.0	1.5	141.37	34.10	82.62	36.13	62.09	25.78	-	-
R25_01	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	1.5	118.03	31.41	85.27	36.40	64.07	25.94	-	-
R25_02	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	5	117.22	30.93	85.25	36.37	64.05	25.91	-	-
R25_03	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	10	113.02	29.55	85.22	36.30	64.00	25.85	-	-
R25_04	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	15	110.18	28.42	85.17	36.24	63.95	25.80	-	-
R25_05	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	20	108.08	27.50	85.13	36.19	63.90	25.76	-	-
R25_06	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	25	105.77	26.72	85.08	36.16	63.85	25.72	-	-
R25_07	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	30	104.72	26.06	85.02	36.12	63.81	25.69	-	-
R25_08	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	50	102.25	24.21	84.76	36.02	63.62	25.61	-	-
R25_09	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	80	101.34	22.92	84.46	35.93	63.39	25.53	-	-
R25_10	20,44	Siu Kei House, Siu Hong Court	Existing	Residential	815716.1	830536.4	120	100.31	22.40	84.29	35.88	63.23	25.48	-	-
R26_01	20,44	Siu Hong Football Field and Basketball Court	Existing	Recreational	815936.9	830613.1	1.5	123.50	34.72	85.68	36.60	64.44	26.12	-	-
R27_01	20,44	TWGHs Yau Tze Tin Memorial College - Basketball Court	Existing	Education Institution	815811.6	830680.0	1.5	119.12	34.03	85.45	36.53	64.24	26.06	-	-
R28_01	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	1.5	117.89	32.97	85.36	36.47	64.15	26.01	-	-
R28_02	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	5	117.38	32.19	85.31	36.43	64.11	25.97	-	-
R28_03	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	10	113.53	30.36	85.23	36.33	64.01	25.88	-	-
R28_04	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	15	109.83	28.68	85.13	36.25	63.92	25.81	-	-
R28_05	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	20	108.14	27.46	85.04	36.20	63.84	25.76	-	-
R28_06	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	25	107.47	26.59	84.97	36.15	63.78	25.72	-	-
R28_07	20,44	TWGHs Yau Tze Tin Memorial College	Existing	Education Institution	815779.2	830670.4	30	106.97	25.93	84.90	36.12	63.73	25.69	-	-
R29_01	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	1.5	124.19	30.92	85.26	36.37	64.07	25.92	-	-
R29_02	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	5	122.73	30.42	85.22	36.34	64.03	25.89	-	-
R29_03	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	10	117.13	29.17	85.13	36.28	63.94	25.83	-	-
R29_04	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	15	114.39	27.86	85.03	36.21	63.85	25.77	-	-
R29_05	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	20	109.65	26.86	84.95	36.16	63.78	25.72	-	-
R29_06	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	25	107.37	26.12	84.88	36.12	63.73	25.69	-	-
R29_07	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	30	105.68	25.55	84.83	36.09	63.69	25.67	-	-
R29_08	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	50	101.87	24.06	84.63	36.00	63.54	25.59	-	-
R29_09	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	80	100.53	22.93	84.38	35.92	63.32	25.52	-	-
R29_10	20,44	Chun Tin House, Yan Tin Estate	Existing	Residential	815719.7	830734.3	120	100.31	22.42	84.27	35.88	63.21	25.48	-	-
R30_01	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	1.5	120.12	33.47	85.41	36.48	64.20	26.02	-	-
R30_02	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	5	118.55	32.52	85.35	36.43	64.15	25.97	-	-
R30_03	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	10	113.63	30.08	85.25	36.31	64.03	25.86	-	-
R30_04	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	15	111.13	28.31	85.16	36.23	63.94	25.79	-	-
R30_05	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	20	108.40	27.16	85.10	36.17	63.88	25.74	-	-
R30_06	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	25	105.99	26.33	85.05	36.13	63.83	25.70	-	-
R30_07	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	30	104.54	25.69	84.99	36.10	63.78	25.67	-	-
R30_08	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	50	101.60	24.05	84.75	36.00	63.61	25.60	-	-
R30_09	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	80	101.34	22.90	84.46	35.92	63.39	25.52	-	-
R30_10	20,44	Yuet Tin House, Yan Tin Estate	Existing	Residential	815643.3	830542.8	120	100.31	22.41	84.29	35.88	63.23	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
R31_01	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	1.5	112.80	28.06	85.06	36.21	63.89	25.77	-	-
R31_02	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	5	111.08	27.50	85.04	36.18	63.87	25.74	-	-
R31_03	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	10	109.42	26.57	85.03	36.13	63.84	25.70	-	-
R31_04	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	15	108.22	25.94	85.00	36.11	63.81	25.68	-	-
R31_05	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	20	106.07	25.49	84.97	36.08	63.77	25.66	-	-
R31_06	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	25	104.61	25.12	84.93	36.06	63.74	25.64	-	-
R31_07	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	30	103.88	24.78	84.89	36.04	63.70	25.62	-	-
R31_08	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	50	101.72	23.73	84.69	35.98	63.56	25.57	-	-
R31_09	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	80	101.34	22.87	84.44	35.91	63.37	25.51	-	-
R31_10	20,44	Luk Tin House, Yan Tin Estate	Existing	Residential	815482.3	830572.4	120	100.31	22.43	84.29	35.87	63.23	25.47	-	-
R32_01	20,44	House no. 19, Tsz Tin Tsuen	Existing	Residential	815420.1	830645.3	1.5	109.32	26.21	84.94	36.11	63.79	25.68	-	-
R32_02	20,44	House no. 19, Tsz Tin Tsuen	Existing	Residential	815420.1	830645.3	5	108.83	26.06	84.94	36.10	63.78	25.68	-	-
R32_03	20,44	House no. 19, Tsz Tin Tsuen	Existing	Residential	815420.1	830645.3	10	107.50	25.72	84.94	36.09	63.77	25.66	-	-
R33_01	20,44	House no. 80, Po Tong Ha	Existing	Residential	815030.5	830827.8	1.5	107.96	24.53	84.64	36.01	63.52	25.60	-	-
R33_02	20,44	House no. 80, Po Tong Ha	Existing	Residential	815030.5	830827.8	5	107.66	24.48	84.64	36.01	63.52	25.59	-	-
R33_03	20,44	House no. 80, Po Tong Ha	Existing	Residential	815030.5	830827.8	10	106.98	24.38	84.63	36.00	63.51	25.59	-	-
R34_01	20,44	House no. 175, Po Tong Ha	Existing	Residential	815136.5	830824.3	1.5	106.32	24.55	84.67	36.02	63.55	25.60	-	-
R34_02	20,44	House no. 175, Po Tong Ha	Existing	Residential	815136.5	830824.3	5	106.20	24.51	84.67	36.02	63.54	25.60	-	-
R34_03	20,44	House no. 175, Po Tong Ha	Existing	Residential	815136.5	830824.3	10	105.95	24.42	84.66	36.01	63.54	25.59	-	-
R35_01	20,44	House no. 136, Tsz Tin Tsuen	Existing	Residential	815266.4	830949.9	1.5	105.77	24.76	84.68	36.04	63.56	25.62	-	-
R35_02	20,44	House no. 136, Tsz Tin Tsuen	Existing	Residential	815266.4	830949.9	5	105.33	24.70	84.68	36.03	63.55	25.61	-	-
R35_03	20,44	House no. 136, Tsz Tin Tsuen	Existing	Residential	815266.4	830949.9	10	104.93	24.55	84.66	36.02	63.54	25.60	-	-
R36_01	20,44	House no. 285, Tsz Tin Tsuen	Existing	Residential	815362.0	830972.6	1.5	105.03	24.89	84.71	36.05	63.58	25.63	-	-
R36_02	20,44	House no. 285, Tsz Tin Tsuen	Existing	Residential	815362.0	830972.6	5	104.70	24.84	84.70	36.04	63.57	25.62	-	-
R36_03	20,44	House no. 285, Tsz Tin Tsuen	Existing	Residential	815362.0	830972.6	10	104.37	24.71	84.68	36.03	63.56	25.61	-	-
R37_01	20,44	House no. 272, Tsz Tin Tsuen	Existing	Residential	815512.5	830996.0	1.5	108.07	25.54	84.77	36.09	63.63	25.66	-	-
R37_02	20,44	House no. 272, Tsz Tin Tsuen	Existing	Residential	815512.5	830996.0	5	107.49	25.41	84.76	36.08	63.62	25.65	-	-
R37_03	20,44	House no. 272, Tsz Tin Tsuen	Existing	Residential	815512.5	830996.0	10	106.64	25.17	84.73	36.06	63.60	25.64	-	-
R38_01	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815638.3	830889.6	1.5	107.72	26.78	84.92	36.16	63.76	25.72	-	-
R38_02	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815638.3	830889.6	5	107.64	26.63	84.90	36.15	63.74	25.71	-	-
R38_03	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815638.3	830889.6	10	107.58	26.32	84.86	36.13	63.72	25.70	-	-
R39_01	20,44	Village House near Villa Pinada	Existing	Residential	815005.0	831370.8	1.5	104.17	23.74	84.54	35.98	63.43	25.57	-	-
R39_02	20,44	Village House near Villa Pinada	Existing	Residential	815005.0	831370.8	5	104.09	23.72	84.54	35.98	63.43	25.56	-	-
R39_03	20,44	Village House near Villa Pinada	Existing	Residential	815005.0	831370.8	10	103.92	23.68	84.53	35.97	63.43	25.56	-	-
R40_01	20,44	Village House near Villa Pinada	Existing	Residential	815094.2	831279.4	1.5	105.82	23.94	84.56	35.99	63.46	25.58	-	-
R40_02	20,44	Village House near Villa Pinada	Existing	Residential	815094.2	831279.4	5	105.50	23.92	84.56	35.99	63.45	25.57	-	-
R40_03	20,44	Village House near Villa Pinada	Existing	Residential	815094.2	831279.4	10	105.14	23.87	84.55	35.98	63.45	25.57	-	-
R41_01	20,44	Village House near Villa Pinada	Existing	Residential	815221.0	831203.7	1.5	105.63	24.24	84.60	36.01	63.49	25.59	-	-
R41_02	20,44	Village House near Villa Pinada	Existing	Residential	815221.0	831203.7	5	105.34	24.21	84.60	36.01	63.49	25.59	-	-
R41_03	20,44	Village House near Villa Pinada	Existing	Residential	815221.0	831203.7	10	104.94	24.13	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	105.90	24.50	84.64	36.02	63.52	25.60	-	-
R42_02	20,44	Village House near Villa Pinada	Existing	Residential	815264.5	831140.4	5	105.68	24.45	84.63	36.02	63.51	25.60	-	-
R42_03	20,44	Village House near Villa Pinada	Existing	Residential	815264.5	831140.4	10	105.14	24.33	84.62	36.01	63.50	25.59	-	-
R43_01	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815297.7	831101.3	1.5	106.84	24.72	84.66	36.03	63.54	25.62	-	-
R43_02	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815297.7	831101.3	5	106.84	24.64	84.66	36.03	63.53	25.61	-	-
R43_03	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815297.7	831101.3	10	105.30	24.46	84.64	36.02	63.52	25.60	-	-
R44_01	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815344.9	831073.4	1.5	107.15	25.06	84.70	36.05	63.57	25.63	-	-
R44_02	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815344.9	831073.4	5	106.45	24.88	84.69	36.04	63.56	25.62	-	-
R44_03	20,44	Village House near Realigned Hong Po Road	Existing	Residential	815344.9	831073.4	10	104.83	24.55	84.66	36.03	63.54	25.61	-	-
R45_01	20,44	House no. 157, Villa Pinada	Existing	Residential	815382.8	831173.7	1.5	104.06	24.54	84.65	36.04	63.52	25.62	-	-
R45_02	20,44	House no. 157, Villa Pinada	Existing	Residential	815382.8	831173.7	5	103.94	24.50	84.64	36.03	63.52	25.61	-	-
R45_03	20,44	House no. 157, Villa Pinada	Existing	Residential	815382.8	831173.7	10	103.62	24.41	84.63	36.02	63.51	25.60	-	-
R46_01	20,44	House no. 139, Villa Pinada	Existing	Residential	815304.0	831239.7	1.5	104.82	24.25	84.61	36.02	63.49	25.60	-	-
R46_02	20,44	House no. 139, Villa Pinada	Existing	Residential	815304.0	831239.7	5	104.72	24.22	84.61	36.01	63.49	25.60	-	-
R46_03	20,44	House no. 139, Villa Pinada	Existing	Residential	815304.0	831239.7	10	104.37	24.16	84.60	36.01	63.48	25.59	-	-
R47_01	20,44	House no. 136, Villa Pinada	Existing	Residential	815300.7	831291.9	1.5	104.90	24.15	84.60	36.01	63.48	25.59	-	-
R47_02	20,44	House no. 136, Villa Pinada	Existing	Residential	815300.7	831291.9	5	104.80	24.12	84.60	36.01	63.48	25.59	-	-
R47_03	20,44	House no. 136, Villa Pinada	Existing	Residential	815300.7	831291.9	10	104.48	24.07	84.59	36.00	63.48	25.58	-	-
R48_01	20,44	House no. 113, Villa Pinada	Existing	Residential	815387.5	831321.6	1.5	104.71	24.23	84.61	36.02	63.49	25.60	-	-
R48_02	20,44	House no. 113, Villa Pinada	Existing	Residential	815387.5	831321.6	5	104.67	24.20	84.61	36.02	63.49	25.60	-	-
R48_03	20,44	House no. 113, Villa Pinada	Existing	Residential	815387.5	831321.6	10	104.52	24.15	84.60	36.01	63.49	25.59	-	-
R49_01	20,44	Village House near Villa Pinada	Existing	Residential	815471.7	831343.7	1.5	104.01	24.34	84.63	36.03	63.50	25.61	-	-
R49_02	20,44	Village House near Villa Pinada	Existing	Residential	815471.7	831343.7	5	104.02	24.31	84.63	36.03	63.50	25.61	-	-
R49_03	20,44	Village House near Villa Pinada	Existing	Residential	815471.7	831343.7	10	103.89	24.26	84.62	36.02	63.50	25.60	-	-
R50_01	20,44	Ng Lau Ah Wui Sitting Out Area	Existing	Recreational	815639.0	831275.6	1.5	106.77	24.89	84.69	36.07	63.55	25.65	-	-
R50_02	20,44	Ng Lau Ah Wui Sitting Out Area	Existing	Recreational	815639.0	831275.6	5	106.22	24.86	84.69	36.07	63.55	25.64	-	-
R50_03	20,44	Ng Lau Ah Wui Sitting Out Area	Existing	Recreational	815639.0	831275.6	10	105.31	24.79	84.68	36.06	63.55	25.63	-	-
R51_01	20,44	Village House near San Hing Tsuen	Existing	Residential	815720.4	831226.9	1.5	108.10	25.32	84.74	36.10	63.59	25.67	-	-
R51_02	20,44	Village House near San Hing Tsuen	Existing	Residential	815720.4	831226.9	5	108.07	25.28	84.73	36.10	63.59	25.67	-	-
R51_03	20,44	Village House near San Hing Tsuen	Existing	Residential	815720.4	831226.9	10	107.65	25.19	84.72	36.08	63.58	25.66	-	-

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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
R52_01	20,44	House no. 255, San Hing Tsuen	Existing	Residential	815797.7	831172.6	1.5	110.70	25.92	84.81	36.14	63.66	25.71	-	-
R52_02	20,44	House no. 255, San Hing Tsuen	Existing	Residential	815797.7	831172.6	5	110.47	25.86	84.80	36.13	63.65	25.70	-	-
R52_03	20,44	House no. 255, San Hing Tsuen	Existing	Residential	815797.7	831172.6	10	109.18	25.73	84.78	36.12	63.64	25.69	-	-
R53_01	20,44	House no. 240, San Hing Tsuen	Existing	Residential	815791.0	831073.9	1.5	111.25	26.49	84.84	36.16	63.68	25.73	-	-
R53_02	20,44	House no. 240, San Hing Tsuen	Existing	Residential	815791.0	831073.9	5	111.21	26.41	84.83	36.16	63.68	25.72	-	-
R53_03	20,44	House no. 240, San Hing Tsuen	Existing	Residential	815791.0	831073.9	10	110.71	26.25	84.81	36.14	63.66	25.71	-	-
R54_01	20,44	House no. 99, San Hing Tsuen	Existing	Residential	815889.4	830959.8	1.5	116.16	28.17	84.97	36.26	63.80	25.81	-	-
R54_02	20,44	House no. 99, San Hing Tsuen	Existing	Residential	815889.4	830959.8	5	116.04	28.05	84.96	36.25	63.79	25.80	-	-
R54_03	20,44	House no. 99, San Hing Tsuen	Existing	Residential	815889.4	830959.8	10	114.43	27.75	84.93	36.22	63.77	25.78	-	-
R55_01	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	1.5	117.28	26.62	84.21	37.10	63.21	26.40	-	-
R55_02	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	5	117.12	26.46	84.19	37.08	63.20	26.38	-	-
R55_03	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	10	115.30	26.10	84.16	37.06	63.18	26.36	-	-
R55_04	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	15	112.09	25.63	84.12	37.03	63.16	26.34	-	-
R55_05	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	20	109.66	25.13	84.09	36.99	63.13	26.31	-	-
R55_06	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	25	106.82	24.64	84.07	36.96	63.11	26.29	-	-
R55_07	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	30	105.25	24.21	84.04	36.92	63.09	26.27	-	-
R55_08	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	50	100.67	22.96	83.96	36.79	63.02	26.17	-	-
R55_09	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	80	97.91	21.88	83.86	36.63	62.91	26.03	-	-
R55_10	21,43	Block 9, Parkland Villas	Existing	Residential	816009.5	830186.3	120	97.08	21.52	83.77	36.59	62.83	25.98	-	-
R56_01	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	1.5	109.12	26.28	84.23	37.13	63.24	26.42	-	-
R56_02	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	5	108.01	25.95	84.19	37.10	63.20	26.39	-	-
R56_03	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	10	107.50	25.26	84.11	37.06	63.14	26.35	-	-
R56_04	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	15	107.22	24.63	84.05	37.02	63.09	26.32	-	-
R56_05	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	20	106.79	24.19	84.01	36.99	63.06	26.30	-	-
R56_06	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	25	106.45	23.90	83.99	36.96	63.04	26.28	-	-
R56_07	21,43	Hing Tak School	Existing	Education Institution	816181.6	830201.1	30	105.50	23.68	83.97	36.93	63.02	26.27	-	-
R57_01	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	1.5	123.34	29.42	84.30	37.25	63.27	26.51	-	-
R57_02	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	5	119.87	27.98	84.26	37.18	63.24	26.45	-	-
R57_03	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	10	112.88	25.78	84.21	37.10	63.20	26.38	-	-
R57_04	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	15	108.83	24.67	84.16	37.05	63.17	26.34	-	-
R57_05	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	20	107.36	24.20	84.13	37.02	63.15	26.32	-	-
R57_06	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	25	106.35	23.95	84.11	36.99	63.13	26.31	-	-
R57_07	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	30	105.88	23.77	84.09	36.96	63.12	26.30	-	-
R57_08	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	50	102.94	22.97	84.02	36.82	63.08	26.21	-	-
R57_09	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	80	99.50	21.84	83.81	36.63	62.88	26.03	-	-
R57_10	21,43	Simon and Eleanor Kwok Building, Lingnan University	Existing	Education Institution	816255.6	830329.9	120	98.30	21.50	83.75	36.59	62.82	25.98	-	-
R58_01	21,43	Lingnan University Multi Purpose Outdoor Sports Ground	Existing	Education Institution	816204.2	830393.4	1.5	115.06	29.37	84.52	37.29	63.46	26.55	-	-
R59_01	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	1.5	123.22	27.71	84.45	37.24	63.36	26.50	-	-
R59_02	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	5	121.14	27.32	84.44	37.20	63.35	26.47	-	-
R59_03	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	10	118.52	26.57	84.49	37.16	63.36	26.43	-	-
R59_04	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	15	112.63	25.88	84.49	37.12	63.34	26.39	-	-
R59_05	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	20	110.04	25.29	84.48	37.08	63.33	26.37	-	-
R59_06	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	25	108.61	24.80	84.44	37.04	63.30	26.35	-	-
R59_07	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	30	107.11	24.38	84.39	37.00	63.28	26.33	-	-
R59_08	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	50	102.88	23.04	84.15	36.83	63.18	26.22	-	-
R59_09	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	80	100.19	21.81	83.79	36.64	62.85	26.03	-	-
R59_10	21,43	Kwan Tai House, Fu Tai Estate	Existing	Residential	816265.8	830505.7	120	98.48	21.49	83.74	36.59	62.82	25.99	-	-
R60_01	21,44	Block 6, 18 Rosewood	Existing	Residential	816111.4	830540.8	1.5	141.78	37.71	83.28	36.87	62.59	26.36	-	-
R60_02	21,44	Block 6, 18 Rosewood	Existing	Residential	816111.4	830540.8	5	133.13	35.39	83.10	36.74	62.42	26.23	-	-
R60_03	21,44	Block 6, 18 Rosewood	Existing	Residential	816111.4	830540.8	10	125.96	32.36	82.86	36.58	62.22	26.09	-	-
R61_01	21,44	Block 10, 18 Rosewood	Existing	Residential	816154.8	830576.2	1.5	142.22	37.12	83.17	36.86	62.48	26.34	-	-
R61_02	21,44	Block 10, 18 Rosewood	Existing	Residential	816154.8	830576.2	5	131.45	35.26	83.06	36.75	62.37	26.24	-	-
R61_03	21,44	Block 10, 18 Rosewood	Existing	Residential	816154.8	830576.2	10	124.64	32.51	82.84	36.60	62.20	26.10	-	-
R62_01	21,44	House no. 60, To Yuen Wai	Existing	Residential	816321.1	830730.3	1.5	126.42	32.23	82.87	36.66	62.08	26.14	-	-
R62_02	21,44	House no. 60, To Yuen Wai	Existing	Residential	816321.1	830730.3	5	125.32	31.43	82.86	36.60	62.07	26.09	-	-
R62_03	21,44	House no. 60, To Yuen Wai	Existing	Residential	816321.1	830730.3	10	122.27	29.60	82.82	36.50	62.09	25.99	-	-
R63_01	21,44	House no. 75, To Yuen Wai	Existing	Residential	816199.3	830761.7	1.5	135.56	34.17	82.88	36.74	62.11	26.23	-	-
R63_02	21,44	House no. 75, To Yuen Wai	Existing	Residential	816199.3	830761.7	5	132.73	32.89	82.87	36.66	62.09	26.16	-	-
R63_03	21,44	House no. 75, To Yuen Wai	Existing	Residential	816199.3	830761.7	10	127.43	30.60	82.88	36.54	62.13	26.04	-	-
R64_01	21,44	House no. 37, San Hing Tsuen	Existing	Residential	816026.7	830878.3	1.5	122.77	32.17	83.09	36.53	62.26	26.05	-	-
R64_02	21,44	House no. 37, San Hing Tsuen	Existing	Residential	816026.7	830878.3	5	122.09	31.45	83.06	36.49	62.23	26.01	-	-
R64_03	21,44	House no. 37, San Hing Tsuen	Existing	Residential	816026.7	830878.3	10	120.77	29.95	83.08	36.42	62.27	25.95	-	-
R65_01	21,44	House no. 120, Opulent Villa	Existing	Residential	816222.8	830927.4	1.5	126.83	30.18	83.14	36.48	62.19	25.99	-	-
R65_02	21,44	House no. 120, Opulent Villa	Existing	Residential	816222.8	830927.4	5	125.17	29.74	83.15	36.46	62.19	25.96	-	-
R65_03	21,44	House no. 120, Opulent Villa	Existing	Residential	816222.8	830927.4	10	120.94	28.83	83.28	36.44	62.31	25.93	-	-
R66_01	21,44	Block 1, E Lu	Existing	Residential	816281.5	831059.3	1.5	127.94	29.92	82.74	36.53	61.93	26.03	-	-
R66_02	21,44	Block 1, E Lu	Existing	Residential	816281.5	831059.3	5	122.60	28.82	82.71	36.46	61.90	25.97	-	-
R66_03	21,44	Block 1, E Lu	Existing	Residential	816281.5	831059.3	10	118.91	27.20	82.69	36.37	61.88	25.89	-	-
R67_01	21,44	Block A, Lingrade Garden	Existing	Residential	816206.7	831111.8	1.5	120.89	29.99	82.58	36.49	61.86	26.01	-	-
R67_02	21,44	Block A, Lingrade Garden	Existing	Residential	816206.7	831111.8	5	120.07	29.56	82.54	36.46	61.82	25.98	-	-
R67_03	21,44	Block A, Lingrade Garden	Existing	Residential	816206.7	831111.8	10	118.50	28.49	82.47	36.40	61.78	25.92	-	-

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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
R68_01	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	1.5	113.00	28.38	86.81	36.71	65.16	26.11	-	-
R68_02	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	5	112.37	28.15	86.79	36.69	65.15	26.10	-	-
R68_03	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	10	110.75	27.58	86.75	36.66	65.11	26.07	-	-
R68_04	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	15	109.57	26.97	86.72	36.63	65.08	26.04	-	-
R68_05	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	20	108.92	26.42	86.69	36.60	65.05	26.02	-	-
R68_06	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	25	108.43	25.96	86.66	36.58	65.03	25.99	-	-
R68_07	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	30	107.63	25.58	86.64	36.56	65.01	25.98	-	-
R68_08	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	50	105.45	24.68	86.59	36.51	64.96	25.94	-	-
R68_09	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	80	105.02	24.18	86.55	36.47	64.92	25.91	-	-
R68_10	19,43	Tower 2, Goodrich Garden	Existing	Residential	814726.4	829874.6	120	105.02	23.95	86.52	36.46	64.90	25.89	-	-
R69_01	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	1.5	113.38	28.54	86.80	36.71	65.16	26.12	-	-
R69_02	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	5	112.64	28.23	86.78	36.69	65.14	26.10	-	-
R69_03	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	10	111.87	27.57	86.74	36.66	65.10	26.07	-	-
R69_04	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	15	110.31	26.94	86.71	36.63	65.07	26.04	-	-
R69_05	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	20	109.73	26.41	86.68	36.60	65.04	26.02	-	-
R69_06	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	25	108.66	25.96	86.66	36.58	65.02	26.00	-	-
R69_07	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	30	107.68	25.59	86.64	36.56	65.00	25.98	-	-
R69_08	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	50	105.35	24.68	86.59	36.51	64.96	25.94	-	-
R69_09	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	80	105.02	24.18	86.55	36.48	64.92	25.91	-	-
R69_10	19,43	Eight Regency	Existing	Residential	814715.5	829843.9	120	105.02	23.95	86.53	36.46	64.90	25.89	-	-
R70_01	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	1.5	115.64	30.76	86.93	36.81	65.27	26.21	-	-
R70_02	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	5	114.81	29.90	86.87	36.76	65.22	26.16	-	-
R70_03	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	10	112.71	28.37	86.77	36.68	65.13	26.09	-	-
R70_04	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	15	111.90	27.32	86.71	36.63	65.07	26.04	-	-
R70_05	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	20	110.04	26.61	86.68	36.60	65.04	26.02	-	-
R70_06	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	25	108.39	26.08	86.65	36.58	65.02	25.99	-	-
R70_07	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	30	107.49	25.66	86.63	36.56	65.00	25.98	-	-
R70_08	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	50	105.58	24.69	86.58	36.51	64.95	25.94	-	-
R70_09	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	80	105.02	24.17	86.55	36.47	64.92	25.90	-	-
R70_10	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814625.4	829785.3	120	105.02	23.94	86.52	36.46	64.90	25.89	-	-
R71_01	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	1.5	115.20	30.34	86.86	36.78	65.21	26.18	-	-
R71_02	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	5	114.72	29.70	86.82	36.75	65.18	26.15	-	-
R71_03	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	10	113.01	28.43	86.75	36.69	65.11	26.09	-	-
R71_04	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	15	111.53	27.38	86.70	36.64	65.06	26.05	-	-
R71_05	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	20	109.93	26.64	86.67	36.60	65.04	26.02	-	-
R71_06	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	25	108.49	26.08	86.65	36.58	65.01	26.00	-	-
R71_07	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	30	107.33	25.66	86.63	36.56	65.00	25.98	-	-
R71_08	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	50	105.38	24.68	86.58	36.51	64.95	25.94	-	-
R71_09	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	80	105.02	24.17	86.55	36.47	64.92	25.90	-	-
R71_10	19,43	Siu Pong Court, Tin King Estate	Existing	Residential	814640.4	829746.5	120	105.02	23.95	86.53	36.46	64.90	25.89	-	-
R72_01	19,43	Fung Shan Temple	Existing	Religious Institution	814852.5	830470.4	1.5	113.56	27.51	86.75	36.65	65.11	26.06	-	-
R72_02	19,43	Fung Shan Temple	Existing	Religious Institution	814852.5	830470.4	5	112.84	27.03	86.74	36.63	65.09	26.04	-	-
P01_01	20,44	Podium, SHR Site Extension	Planned	Residential	815506.2	831071.2	1.5	106.67	25.27	84.72	36.08	63.59	25.65	122.16	27.83
P01_02	20,44	Podium, SHR Site Extension	Planned	Residential	815506.2	831071.2	5	105.97	25.17	84.72	36.07	63.58	25.64	122.16	27.82
P01_03	20,44	Podium, SHR Site Extension	Planned	Residential	815506.2	831071.2	10	105.05	24.97	84.70	36.05	63.57	25.63	122.16	27.81
P02_01	20,44	Podium, SHR Site Extension	Planned	Residential	815393.0	831171.2	1.5	103.93	24.56	84.65	36.04	63.53	25.62	122.15	27.82
P02_02	20,44	Podium, SHR Site Extension	Planned	Residential	815393.0	831171.2	5	103.80	24.53	84.65	36.03	63.52	25.61	122.15	27.81
P02_03	20,44	Podium, SHR Site Extension	Planned	Residential	815393.0	831171.2	10	103.50	24.44	84.63	36.02	63.52	25.60	122.15	27.80
P03_01	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	1.5	105.39	24.75	84.67	36.05	63.55	25.63	122.16	27.83
P03_02	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	5	105.18	24.70	84.67	36.04	63.54	25.62	122.15	27.82
P03_03	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	10	104.34	24.59	84.65	36.03	63.53	25.61	122.15	27.81
P03_04	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	15	103.21	24.45	84.64	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	102.44	24.30	84.62	36.01	63.51	25.60	122.15	27.79
P03_06	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	25	102.08	24.15	84.61	36.00	63.50	25.59	122.15	27.79
P03_07	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	30	101.75	24.01	84.59	35.99	63.48	25.58	122.15	27.79
P03_08	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	50	101.45	23.46	84.50	35.95	63.41	25.55	122.15	27.78
P03_09	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	80	100.85	22.85	84.36	35.90	63.29	25.50	122.15	27.77
P03_10	20,44	Block 1, SHR Site Extension	Planned	Residential	815423.7	831133.2	120	100.34	22.47	84.27	35.87	63.21	25.47	122.15	27.76
P04_01	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	1.5	104.55	24.83	84.69	36.06	63.55	25.63	122.16	27.83
P04_02	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	5	104.47	24.78	84.68	36.05	63.55	25.63	122.16	27.82
P04_03	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	10	104.10	24.69	84.66	36.04	63.54	25.62	122.15	27.81
P04_04	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	15	103.30	24.56	84.65	36.03	63.53	25.61	122.15	27.80
P04_05	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	20	103.20	24.41	84.64	36.02	63.52	25.60	122.15	27.80
P04_06	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	25	102.89	24.26	84.62	36.01	63.50	25.59	122.15	27.79
P04_07	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	30	101.83	24.10	84.60	36.00	63.49	25.59	122.15	27.79
P04_08	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	50	101.30	23.52	84.50	35.96	63.41	25.55	122.15	27.78
P04_09	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	80	100.78	22.88	84.36	35.90	63.29	25.50	122.15	27.77
P04_10	20,44	Block 1, SHR Site Extension	Planned	Residential	815477.0	831141.3	120	100.34	22.48	84.27	35.87	63.21	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
P05_01	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	1.5	104.70	24.48	84.64	36.04	63.52	25.62	122.15	27.83
P05_02	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	5	104.65	24.45	84.64	36.03	63.51	25.61	122.15	27.81
P05_03	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	10	104.43	24.38	84.62	36.02	63.51	25.60	122.15	27.80
P05_04	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	15	103.87	24.28	84.61	36.02	63.50	25.60	122.15	27.80
P05_05	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	20	102.98	24.17	84.60	36.01	63.49	25.59	122.15	27.79
P05_06	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	25	102.28	24.05	84.59	36.00	63.48	25.58	122.15	27.79
P05_07	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	30	101.91	23.92	84.57	35.99	63.46	25.58	122.15	27.79
P05_08	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	50	101.65	23.43	84.49	35.95	63.40	25.55	122.15	27.78
P05_09	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	80	100.91	22.85	84.36	35.90	63.29	25.50	122.15	27.77
P05_10	20,44	Block 2, SHR Site Extension	Planned	Residential	815418.3	831221.3	120	100.35	22.48	84.27	35.87	63.21	25.47	122.15	27.76
P06_01	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	1.5	104.47	24.57	84.65	36.04	63.52	25.62	122.16	27.83
P06_02	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	5	104.19	24.54	84.65	36.04	63.52	25.62	122.15	27.82
P06_03	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	10	104.00	24.47	84.64	36.03	63.52	25.61	122.15	27.81
P06_04	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	15	103.43	24.38	84.63	36.02	63.51	25.60	122.15	27.80
P06_05	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	20	103.19	24.26	84.61	36.02	63.50	25.60	122.15	27.79
P06_06	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	25	103.13	24.14	84.60	36.01	63.48	25.59	122.15	27.79
P06_07	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	30	102.42	24.01	84.58	36.00	63.47	25.58	122.15	27.79
P06_08	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	50	101.36	23.48	84.50	35.96	63.40	25.55	122.15	27.78
P06_09	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	80	100.87	22.88	84.36	35.90	63.28	25.50	122.15	27.77
P06_10	20,44	Block 2, SHR Site Extension	Planned	Residential	815471.6	831229.4	120	100.35	22.49	84.27	35.87	63.21	25.47	122.15	27.76
P07_01	20,44	Podium, HPR Site	Planned	Residential	815003.1	831045.2	1.5	108.69	24.54	84.60	36.01	63.48	25.59	122.15	27.81
P07_02	20,44	Podium, HPR Site	Planned	Residential	815003.1	831045.2	5	108.13	24.47	84.59	36.00	63.48	25.59	122.15	27.80
P08_01	20,44	Podium, HPR Site	Planned	Residential	815153.1	831086.8	1.5	107.06	24.64	84.62	36.02	63.51	25.60	122.15	27.82
P08_02	20,44	Podium, HPR Site	Planned	Residential	815153.1	831086.8	5	106.80	24.56	84.62	36.01	63.50	25.60	122.15	27.81
P08_03	20,44	Podium, HPR Site	Planned	Residential	815153.1	831086.8	10	105.47	24.37	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	108.06	24.41	84.59	36.00	63.48	25.59	122.15	27.81
P09_02	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	5	107.67	24.36	84.58	36.00	63.47	25.58	122.15	27.80
P09_03	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	10	106.80	24.22	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	105.58	24.05	84.55	35.98	63.45	25.57	122.15	27.79
P09_05	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	20	104.70	23.88	84.54	35.97	63.44	25.56	122.15	27.79
P09_06	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	25	103.92	23.73	84.52	35.96	63.43	25.55	122.15	27.78
P09_07	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	30	103.22	23.59	84.51	35.96	63.42	25.55	122.15	27.78
P09_08	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	50	102.41	23.17	84.44	35.93	63.36	25.52	122.15	27.77
P09_09	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	80	101.28	22.73	84.34	35.89	63.27	25.49	122.15	27.76
P09_10	20,44	Block 10, HPR Site	Planned	Residential	815007.6	831066.9	120	100.39	22.44	84.27	35.86	63.21	25.47	122.14	27.76
P10_01	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	1.5	107.07	24.50	84.61	36.01	63.50	25.60	122.15	27.82
P10_02	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	5	107.04	24.44	84.61	36.01	63.49	25.59	122.15	27.81
P10_03	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	10	106.11	24.29	84.59	36.00	63.48	25.58	122.15	27.80
P10_04	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	15	104.51	24.11	84.58	35.99	63.47	25.57	122.15	27.79
P10_05	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	20	103.81	23.94	84.56	35.98	63.46	25.57	122.15	27.79
P10_06	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	25	103.18	23.79	84.55	35.97	63.45	25.56	122.15	27.79
P10_07	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	30	102.79	23.65	84.53	35.96	63.43	25.55	122.15	27.78
P10_08	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	50	102.03	23.21	84.46	35.93	63.37	25.53	122.15	27.78
P10_09	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	80	101.28	22.75	84.35	35.89	63.28	25.49	122.15	27.77
P10_10	20,44	Block 11, HPR Site	Planned	Residential	815128.1	831098.3	120	100.33	22.45	84.27	35.87	63.21	25.47	122.15	27.76
P11_01	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	1.5	106.80	24.63	84.64	36.02	63.52	25.61	122.15	27.82
P11_02	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	5	106.40	24.56	84.63	36.02	63.51	25.60	122.15	27.81
P11_03	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	10	105.30	24.39	84.62	36.01	63.50	25.59	122.15	27.80
P11_04	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	15	104.34	24.20	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	103.77	24.02	84.58	35.99	63.48	25.57	122.15	27.79
P11_06	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	25	103.37	23.87	84.57	35.98	63.46	25.57	122.15	27.79
P11_07	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	30	102.79	23.74	84.55	35.97	63.45	25.56	122.15	27.78
P11_08	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	50	101.72	23.28	84.47	35.94	63.38	25.53	122.15	27.78
P11_09	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	80	101.16	22.78	84.35	35.89	63.28	25.49	122.15	27.77
P11_10	20,44	Block 1, HPR Site	Planned	Residential	815232.0	831112.1	120	100.33	22.46	84.27	35.87	63.21	25.47	122.15	27.76
P12_01	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	1.5	104.77	24.38	84.63	36.03	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	104.74	24.35	84.62	36.03	63.50	25.61	122.15	27.81
P12_03	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	10	104.28	24.28	84.61	36.02	63.50	25.60	122.15	27.80
P12_04	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	15	103.24	24.20	84.60	36.01	63.49	25.59	122.15	27.80
P12_05	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	20	102.85	24.09	84.59	36.00	63.48	25.59	122.15	27.79
P12_06	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	25	102.47	23.98	84.58	36.00	63.47	25.58	122.15	27.79
P12_07	20,44	School at SHR Site Extension	Planned	Education Institution	815395.2	831250.6	30	102.03	23.86	84.57	35.99	63.46	25.57	122.15	27.79
P13_01	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	1.5	104.24	24.62	84.66	36.05	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	104.01	24.59	84.66	36.05	63.53	25.62	122.16	27.82
P13_03	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	10	103.97	24.53	84.64	36.04	63.52	25.62	122.16	27.81
P13_04	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	15	103.34	24.44	84.63	36.03	63.51	25.61	122.15	27.80
P13_05	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	20	103.10	24.33	84.62	36.02	63.50	25.60	122.15	27.80
P13_06	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	25	102.81	24.20	84.61	36.01	63.49	25.60	122.15	27.79
P13_07	20,44	School at SHR Site Extension	Planned	Education Institution	815532.5	831266.3	30	102.51	24.07	84.59	36.00	63.48	25.59	122.15	27.79
P14_01	20,44	School at SHR Site Extension - Basketball Court	Planned	Education Institution	815583.3	831226.7	1.5	105.76	24.86	84.68	36.07	63.55	25.64	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
P15_01	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	1.5	105.40	24.95	84.70	36.07	63.57	25.64	122.16	27.83
P15_02	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	5	105.16	24.91	84.70	36.06	63.56	25.64	122.16	27.82
P15_03	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	10	104.36	24.82	84.68	36.05	63.56	25.63	122.16	27.81
P15_04	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	15	103.30	24.69	84.66	36.04	63.54	25.62	122.15	27.80
P15_05	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	20	103.04	24.54	84.65	36.03	63.53	25.61	122.15	27.80
P15_06	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	25	102.81	24.38	84.63	36.02	63.51	25.60	122.15	27.79
P15_07	20,44	School at SHR Site Extension	Planned	Education Institution	815526.6	831140.6	30	102.27	24.22	84.61	36.01	63.50	25.59	122.15	27.79
P16_01	20,44	Podium, SHR Site	Planned	Residential	815541.7	831046.4	1.5	106.16	25.52	84.75	36.09	63.61	25.66	122.16	27.83
P16_02	20,44	Podium, SHR Site	Planned	Residential	815541.7	831046.4	5	105.50	25.40	84.74	36.08	63.60	25.66	122.16	27.82
P16_03	20,44	Podium, SHR Site	Planned	Residential	815541.7	831046.4	10	105.32	25.16	84.71	36.07	63.59	25.64	122.16	27.81
P17_01	20,44	Podium, SHR Site	Planned	Residential	815581.6	831018.5	1.5	107.41	25.82	84.77	36.11	63.63	25.68	122.16	27.83
P17_02	20,44	Podium, SHR Site	Planned	Residential	815581.6	831018.5	5	106.93	25.68	84.77	36.10	63.62	25.67	122.16	27.82
P17_03	20,44	Podium, SHR Site	Planned	Residential	815581.6	831018.5	10	105.60	25.42	84.74	36.08	63.61	25.65	122.16	27.81
P18_01	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	1.5	107.10	25.76	84.78	36.11	63.63	25.68	122.16	27.83
P18_02	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	5	107.08	25.67	84.77	36.10	63.63	25.67	122.16	27.82
P18_03	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	10	106.14	25.47	84.74	36.08	63.61	25.66	122.16	27.81
P18_04	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	15	105.30	25.25	84.72	36.07	63.59	25.65	122.16	27.80
P18_05	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	20	104.74	25.02	84.69	36.06	63.57	25.63	122.16	27.80
P18_06	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	25	103.21	24.80	84.67	36.04	63.55	25.62	122.16	27.80
P18_07	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	30	102.72	24.58	84.64	36.03	63.53	25.61	122.16	27.79
P18_08	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	50	101.30	23.76	84.52	35.97	63.43	25.57	122.15	27.79
P18_09	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	80	100.51	22.93	84.35	35.91	63.29	25.51	122.15	27.77
P18_10	20,44	Block 9, SHR Site	Planned	Residential	815597.2	831026.0	120	100.32	22.47	84.27	35.87	63.21	25.48	122.15	27.76
P19_01	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	1.5	106.93	25.48	84.75	36.10	63.61	25.67	122.16	27.83
P19_02	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	5	106.76	25.42	84.74	36.09	63.60	25.66	122.16	27.82
P19_03	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	10	106.21	25.29	84.72	36.08	63.59	25.65	122.16	27.81
P19_04	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	15	105.30	25.12	84.70	36.06	63.58	25.64	122.16	27.80
P19_05	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	20	104.08	24.92	84.68	36.05	63.56	25.63	122.16	27.80
P19_06	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	25	103.19	24.71	84.66	36.04	63.54	25.62	122.16	27.80
P19_07	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	30	102.75	24.51	84.63	36.03	63.52	25.61	122.16	27.79
P19_08	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	50	101.30	23.73	84.52	35.97	63.43	25.57	122.15	27.79
P19_09	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	80	100.54	22.93	84.35	35.91	63.29	25.51	122.15	27.77
P19_10	20,44	Block 9, SHR Site	Planned	Residential	815596.3	831067.8	120	100.32	22.48	84.27	35.87	63.21	25.48	122.15	27.76
P20_01	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	1.5	106.39	25.38	84.75	36.10	63.61	25.67	122.16	27.84
P20_02	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	5	106.17	25.34	84.74	36.09	63.60	25.66	122.16	27.82
P20_03	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	10	105.80	25.24	84.72	36.08	63.59	25.65	122.16	27.81
P20_04	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	15	105.29	25.09	84.70	36.07	63.58	25.64	122.16	27.80
P20_05	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	20	104.45	24.92	84.69	36.06	63.56	25.63	122.16	27.80
P20_06	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	25	103.63	24.73	84.67	36.04	63.54	25.62	122.16	27.80
P20_07	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	30	103.16	24.53	84.64	36.03	63.52	25.61	122.16	27.80
P20_08	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	50	101.54	23.77	84.53	35.98	63.43	25.57	122.15	27.79
P20_09	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	80	100.54	22.95	84.36	35.91	63.29	25.51	122.15	27.77
P20_10	20,44	Block 8, SHR Site	Planned	Residential	815635.9	831124.4	120	100.32	22.49	84.27	35.87	63.21	25.48	122.15	27.76
P21_01	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	1.5	108.43	25.47	84.75	36.11	63.61	25.68	122.16	27.85
P21_02	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	5	108.23	25.42	84.75	36.10	63.60	25.67	122.16	27.83
P21_03	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	10	107.77	25.32	84.73	36.09	63.60	25.66	122.16	27.82
P21_04	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	15	107.34	25.18	84.72	36.08	63.58	25.65	122.16	27.81
P21_05	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	20	106.89	25.02	84.70	36.07	63.57	25.64	122.16	27.80
P21_06	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	25	106.03	24.83	84.68	36.06	63.55	25.63	122.16	27.80
P21_07	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	30	105.27	24.63	84.65	36.04	63.53	25.62	122.16	27.80
P21_08	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	50	101.72	23.85	84.54	35.98	63.44	25.58	122.16	27.79
P21_09	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	80	101.04	23.00	84.36	35.91	63.29	25.51	122.15	27.78
P21_10	20,44	Block 7, SHR Site	Planned	Residential	815716.7	831187.8	120	100.34	22.51	84.27	35.88	63.21	25.48	122.15	27.76
P22_01	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	1.5	110.73	25.91	84.80	36.14	63.65	25.70	122.16	27.85
P22_02	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	5	110.51	25.85	84.80	36.13	63.65	25.70	122.16	27.83
P22_03	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	10	109.14	25.73	84.78	36.12	63.64	25.68	122.16	27.82
P22_04	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	15	108.70	25.55	84.76	36.10	63.62	25.67	122.16	27.81
P22_05	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	20	107.98	25.34	84.73	36.09	63.60	25.66	122.16	27.81
P22_06	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	25	106.86	25.11	84.71	36.08	63.58	25.65	122.16	27.80
P22_07	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	30	105.61	24.87	84.68	36.06	63.56	25.64	122.16	27.80
P22_08	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	50	102.77	23.96	84.55	35.99	63.45	25.59	122.16	27.79
P22_09	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	80	101.29	23.02	84.36	35.92	63.29	25.52	122.16	27.78
P22_10	20,44	Block 6, SHR Site	Planned	Residential	815777.3	831153.9	120	100.32	22.50	84.27	35.88	63.21	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
P23_01	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	1.5	111.07	26.13	84.81	36.15	63.66	25.71	122.17	27.85
P23_02	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	5	111.00	26.07	84.81	36.14	63.66	25.71	122.16	27.83
P23_03	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	10	110.09	25.93	84.79	36.13	63.64	25.69	122.16	27.82
P23_04	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	15	108.93	25.73	84.76	36.11	63.63	25.68	122.16	27.81
P23_05	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	20	107.65	25.49	84.74	36.10	63.61	25.67	122.16	27.81
P23_06	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	25	106.92	25.23	84.72	36.08	63.58	25.66	122.16	27.80
P23_07	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	30	105.27	24.97	84.69	36.07	63.56	25.64	122.16	27.80
P23_08	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	50	102.77	24.00	84.55	36.00	63.45	25.59	122.16	27.80
P23_09	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	80	101.29	23.02	84.36	35.92	63.29	25.52	122.16	27.78
P23_10	20,44	Block 6, SHR Site	Planned	Residential	815783.1	831120.4	120	100.32	22.50	84.27	35.88	63.21	25.48	122.15	27.77
P24_01	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	1.5	111.29	26.24	84.82	36.15	63.67	25.71	122.16	27.84
P24_02	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	5	111.21	26.18	84.81	36.14	63.66	25.71	122.16	27.83
P24_03	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	10	110.78	26.03	84.79	36.13	63.65	25.69	122.16	27.82
P24_04	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	15	108.26	25.82	84.76	36.11	63.63	25.68	122.16	27.81
P24_05	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	20	107.59	25.57	84.74	36.10	63.61	25.67	122.16	27.80
P24_06	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	25	107.02	25.29	84.71	36.08	63.58	25.65	122.16	27.80
P24_07	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	30	106.09	25.01	84.68	36.06	63.56	25.64	122.16	27.80
P24_08	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	50	102.15	23.99	84.54	35.99	63.45	25.59	122.16	27.79
P24_09	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	80	101.29	22.99	84.36	35.92	63.29	25.52	122.16	27.78
P24_10	20,44	Block 5, SHR Site	Planned	Residential	815743.6	831063.7	120	100.32	22.49	84.27	35.88	63.21	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	110.84	26.50	84.83	36.15	63.68	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	113.78	27.70	84.93	36.22	63.77	25.78	122.17	27.84
P27_01	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	1.5	116.35	28.74	85.01	36.27	63.84	25.83	122.17	27.85
P27_02	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	5	115.98	28.55	85.00	36.26	63.82	25.81	122.17	27.83
P27_03	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	10	115.08	28.12	84.96	36.23	63.80	25.79	122.16	27.82
P27_04	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	15	112.82	27.53	84.92	36.20	63.77	25.76	122.16	27.81
P27_05	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	20	110.15	26.90	84.88	36.16	63.74	25.73	122.16	27.81
P27_06	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	25	107.53	26.29	84.84	36.13	63.71	25.70	122.16	27.81
P27_07	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	30	105.27	25.73	84.80	36.10	63.67	25.68	122.16	27.81
P27_08	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	50	102.77	24.15	84.61	36.01	63.51	25.60	122.16	27.80
P27_09	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	80	100.59	22.97	84.36	35.92	63.29	25.52	122.16	27.78
P27_10	20,44	Block 4, SHR Site	Planned	Residential	815802.5	830878.8	120	100.31	22.44	84.27	35.88	63.21	25.48	122.15	27.77
P28_01	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	1.5	113.28	28.00	84.95	36.24	63.78	25.79	122.17	27.85
P28_02	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	5	113.14	27.83	84.94	36.22	63.77	25.78	122.17	27.83
P28_03	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	10	112.15	27.52	84.90	36.20	63.75	25.76	122.16	27.82
P28_04	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	15	110.06	27.10	84.87	36.18	63.72	25.74	122.16	27.81
P28_05	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	20	108.19	26.62	84.83	36.15	63.69	25.72	122.16	27.81
P28_06	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	25	107.05	26.12	84.79	36.12	63.65	25.70	122.16	27.81
P28_07	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	30	105.62	25.65	84.74	36.10	63.62	25.67	122.16	27.80
P28_08	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	50	102.90	24.16	84.57	36.01	63.47	25.60	122.16	27.80
P28_09	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	80	100.80	22.98	84.36	35.92	63.29	25.52	122.16	27.78
P28_10	20,44	Block 4, SHR Site	Planned	Residential	815809.7	830930.4	120	100.32	22.45	84.27	35.88	63.20	25.48	122.15	27.77
P29_01	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	1.5	116.88	28.68	85.02	36.29	63.83	25.84	122.17	27.85
P29_02	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	5	116.23	28.55	85.00	36.27	63.82	25.83	122.17	27.84
P29_03	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	10	114.44	28.20	84.96	36.25	63.80	25.80	122.17	27.83
P29_04	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	15	113.61	27.71	84.92	36.22	63.77	25.78	122.17	27.82
P29_05	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	20	111.65	27.14	84.88	36.19	63.73	25.75	122.17	27.81
P29_06	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	25	108.85	26.55	84.83	36.16	63.69	25.73	122.17	27.81
P29_07	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	30	107.33	25.98	84.78	36.13	63.65	25.70	122.16	27.81
P29_08	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	50	103.60	24.26	84.58	36.02	63.49	25.62	122.16	27.80
P29_09	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	80	102.28	22.98	84.36	35.93	63.29	25.53	122.16	27.78
P29_10	20,44	Block 3, SHR Site	Planned	Residential	815901.0	830927.3	120	101.27	22.44	84.27	35.88	63.21	25.49	122.16	27.77
P30_01	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	1.5	124.67	31.74	85.24	36.43	64.04	25.97	122.17	27.85
P30_02	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	5	124.28	31.37	85.22	36.41	64.02	25.95	122.17	27.84
P30_03	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	10	120.36	30.37	85.17	36.35	63.98	25.90	122.17	27.83
P30_04	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	15	116.26	29.13	85.11	36.29	63.93	25.84	122.17	27.82
P30_05	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	20	112.15	27.95	85.05	36.23	63.88	25.79	122.17	27.82
P30_06	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	25	109.10	26.96	85.00	36.18	63.85	25.75	122.17	27.81
P30_07	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	30	107.33	26.17	84.96	36.14	63.82	25.71	122.17	27.81
P30_08	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	50	103.52	24.26	84.72	36.03	63.62	25.62	122.16	27.80
P30_09	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	80	102.22	22.95	84.38	35.94	63.31	25.54	122.16	27.78
P30_10	20,44	Block 2, SHR Site	Planned	Residential	815896.4	830805.4	120	101.27	22.42	84.27	35.89	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 2029 (µg/m3) (With Development, Without Noise Mitigation Measures)							
					x	y		NO ₂		RSP		FSP		SO ₂	
					Easting	Northing		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		4 th highest	4 th highest
P31_01	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	1.5	132.14	35.86	85.53	36.66	64.30	26.18	122.18	27.86
P31_02	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	5	129.75	34.92	85.48	36.60	64.25	26.13	122.18	27.85
P31_03	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	10	124.71	32.71	85.36	36.49	64.14	26.03	122.17	27.83
P31_04	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	15	117.49	30.55	85.24	36.39	64.03	25.93	122.17	27.83
P31_05	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	20	114.66	28.85	85.14	36.31	63.94	25.86	122.17	27.82
P31_06	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	25	112.44	27.55	85.05	36.25	63.88	25.81	122.17	27.82
P31_07	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	30	110.29	26.56	84.98	36.20	63.82	25.77	122.17	27.82
P31_08	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	50	106.13	24.30	84.70	36.09	63.61	25.68	122.17	27.81
P31_09	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	80	102.75	22.91	84.43	35.98	63.37	25.58	122.16	27.79
P31_10	20,44	Block 1, SHR Site	Planned	Residential	815993.3	830770.4	120	101.62	22.40	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	122.44	31.22	85.21	36.42	64.01	25.96	122.18	27.86
P32_02	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	5	120.86	30.86	85.18	36.40	63.98	25.94	122.18	27.85
P32_03	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	10	117.70	29.99	85.12	36.36	63.93	25.90	122.17	27.83
P32_04	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	15	115.63	28.98	85.06	36.31	63.88	25.86	122.17	27.82
P32_05	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	20	113.16	28.02	85.00	36.26	63.84	25.82	122.17	27.82
P32_06	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	25	111.90	27.14	84.96	36.22	63.81	25.79	122.17	27.82
P32_07	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	30	110.87	26.38	84.92	36.18	63.79	25.75	122.17	27.82
P32_08	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	50	106.97	24.32	84.67	36.07	63.57	25.66	122.17	27.81
P32_09	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	80	102.75	22.95	84.37	35.95	63.31	25.55	122.16	27.79
P32_10	20,44	Block 1, SHR Site	Planned	Residential	816002.4	830889.0	120	101.70	22.43	84.28	35.89	63.22	25.49	122.16	27.77
P33_01	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	1.5	131.34	37.21	83.26	36.77	62.49	26.27	144.94	29.34
P33_02	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	5	127.75	35.11	83.17	36.67	62.40	26.18	144.94	29.17
P33_03	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	10	121.40	31.93	83.06	36.52	62.34	26.04	144.93	29.19
P33_04	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	15	118.35	29.77	82.94	36.42	62.30	25.96	144.93	29.54
P33_05	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	20	114.76	28.12	82.85	36.34	62.24	25.89	144.93	30.15
P33_06	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	25	107.24	26.81	82.79	36.28	62.19	25.84	144.93	30.50
P33_07	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	30	104.24	25.80	82.73	36.23	62.16	25.81	144.93	30.51
P33_08	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	50	100.14	23.48	82.55	36.13	62.01	25.75	144.92	30.26
P33_09	21,44	Block 1, SHR Site	Planned	Residential	816020.0	830789.5	80	97.57	21.99	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	96.64	21.46	81.74	35.82	61.30	25.45	144.91	26.38