

## ***Appendix 4.6***

---

### ***Detailed Assessment Results for Operation Phase***

Appendix 4.6 Detailed Assessment Results for Operation Phase

ASR_ID Height	Predicted Concentration from Vehicular Emission with Background ( $\mu\text{g}/\text{m}^3$ )					Predicted Cumulative Concentration ( $\mu\text{g}/\text{m}^3$ )				
	NO <sub>2</sub>			RSP		NO <sub>2</sub>			RSP	
	1-hr Max	24-hr Max	Annual	24-hr Max	Annual	1-hr Max	24-hr Max	Annual	24-hr Max	Annual
	300	150	80	180	55	300	150	80	180	55
A1_1.5	116	75	67	52	50	126	81	70	57	52
A1_5	114	71	65	51	50	120	78	68	56	51
A1_10	108	68	63	50	49	112	75	66	56	51
A1_15	102	67	62	50	49	110	75	65	56	51
A1_20	95	66	62	50	49	111	75	65	56	51
A1_30	84	65	62	50	49	115	75	64	57	51
A1_40	78	64	61	50	49	122	76	64	57	51
A1_50	76	64	61	49	49	133	79	64	59	51
A1_60	75	63	61	49	49	147	82	64	60	51
A2_1.5	96	71	65	51	50	121	81	68	58	51
A2_5	95	70	65	51	50	119	81	67	58	51
A2_10	90	68	64	50	49	116	79	66	57	51
A2_15	86	67	63	50	49	114	78	66	57	51
A2_20	84	66	62	50	49	113	77	65	57	51
A2_30	82	65	62	50	49	116	77	65	58	51
A2_40	81	64	61	50	49	122	78	65	58	51
A2_50	79	63	61	49	49	131	80	65	59	51
A2_60	78	63	61	49	49	143	83	65	61	51
A3_1.5	94	68	64	50	49	122	79	67	58	51
A3_5	94	67	64	50	49	122	79	67	58	51
A3_10	94	67	63	50	49	122	79	66	58	51
A3_15	94	66	63	50	49	122	78	66	58	51
A3_20	93	66	62	50	49	122	78	65	58	51
A3_30	92	65	62	50	49	124	78	65	58	51
A3_40	91	65	61	50	49	130	79	65	58	51
A3_50	88	64	61	50	49	139	81	65	60	51
A3_60	85	63	61	49	49	150	83	65	61	51
A3_70	80	63	61	49	49	164	87	65	63	51
A3_75	78	63	61	49	49	172	89	65	64	51
A4_1.5	93	67	64	50	49	116	78	66	57	51
A4_5	93	67	64	50	49	115	77	66	57	51
A4_10	93	66	63	50	49	111	77	66	57	51
A4_15	92	66	63	50	49	111	77	66	57	51
A4_20	91	66	62	50	49	112	77	65	57	51
A4_30	90	65	62	50	49	114	77	65	57	51
A4_40	87	65	61	50	49	120	78	65	58	51
A4_50	85	64	61	50	49	128	80	65	59	51
A4_60	81	63	61	49	49	138	82	65	60	51
A4_70	77	63	61	49	49	150	85	65	62	51
A4_75	75	62	61	49	49	156	86	65	63	51
A5_1.5	151	79	68	52	50	180	92	71	60	52
A5_5	136	73	65	51	50	166	86	68	59	51
A5_10	117	69	64	51	49	147	82	67	59	51
A5_15	105	67	63	50	49	137	81	66	58	51
A5_20	95	66	62	50	49	131	80	65	58	51
A5_30	83	65	62	50	49	127	79	65	59	51
A5_40	81	64	61	50	49	131	80	65	59	51
A6_1.5	113	75	65	52	50	136	76	67	56	51
A6_5	109	72	64	51	49	130	76	66	56	51
A6_10	106	70	63	51	49	119	75	66	56	51
A6_15	103	68	62	50	49	110	75	65	56	51
A6_20	98	67	62	50	49	111	75	65	56	51
A6_30	88	65	62	50	49	116	75	64	56	51
A6_40	79	64	61	50	49	123	76	64	57	51
A6_50	76	64	61	49	49	135	79	64	59	51
A7_1.5	99	70	64	51	49	126	79	67	57	51
A7_5	98	69	64	51	49	124	78	66	57	51
A7_10	96	68	63	50	49	118	78	66	57	51
A7_15	93	67	62	50	49	110	77	65	57	51
A7_20	90	66	62	50	49	108	77	65	57	51
A7_30	85	65	61	50	49	109	77	64	57	51
A7_40	81	64	61	50	49	116	77	64	58	51
A7_50	79	63	61	49	49	127	79	65	59	51

Appendix 4.6 Detailed Assessment Results for Operation Phase

ASR_ID Height	Predicted Concentration from Vehicular Emission with Background ( $\mu\text{g}/\text{m}^3$ )					Predicted Cumulative Concentration ( $\mu\text{g}/\text{m}^3$ )				
	NO <sub>2</sub>			RSP		NO <sub>2</sub>			RSP	
	1-hr Max	24-hr Max	Annual	24-hr Max	Annual	1-hr Max	24-hr Max	Annual	24-hr Max	Annual
	300	150	80	180	55	300	150	80	180	55
A8_1.5	93	69	64	51	49	124	78	66	57	51
A8_5	92	69	63	50	49	122	78	66	57	51
A8_10	91	68	63	50	49	117	77	65	56	51
A8_15	90	67	62	50	49	110	76	65	56	51
A8_20	88	66	62	50	49	106	76	65	56	51
A8_30	84	65	61	50	49	108	76	64	57	51
A8_40	80	64	61	50	49	115	77	64	57	51
A8_50	77	63	61	49	49	128	79	64	59	51
A9_1.5	99	68	63	50	49	117	76	66	56	51
A9_5	99	68	63	50	49	116	76	66	56	51
A9_10	98	67	62	50	49	112	75	65	56	51
A9_15	97	66	62	50	49	107	75	65	56	51
A9_20	95	65	62	50	49	103	74	64	56	50
A9_30	91	64	61	50	49	103	74	64	56	50
A9_40	86	63	61	49	49	108	74	64	56	50
A9_50	81	63	61	49	49	119	76	64	57	51
A9_60	77	62	61	49	49	137	79	64	59	51
A10_1.5	97	69	63	51	49	114	74	66	55	51
A10_5	97	68	63	50	49	113	73	65	55	51
A10_10	96	66	62	50	49	109	73	65	54	50
A10_15	95	65	62	50	49	106	72	64	54	50
A10_20	94	65	61	50	49	104	71	64	54	50
A10_30	90	64	61	49	49	102	71	63	54	50
A10_40	85	63	61	49	49	102	71	63	55	50
A10_50	81	62	61	49	49	105	72	63	55	50
A11_1.5	95	68	63	50	49	110	73	65	54	51
A11_5	95	67	63	50	49	109	72	65	54	51
A11_10	94	66	62	50	49	106	71	64	54	50
A11_15	93	65	62	50	49	102	70	64	54	50
A11_20	92	65	61	50	49	97	70	64	54	50
A11_30	88	64	61	49	49	97	70	63	54	50
A11_40	84	63	61	49	49	97	72	63	55	50
A12_1.5	95	68	63	50	49	110	72	65	53	51
A12_5	95	67	63	50	49	109	71	65	53	51
A12_10	94	66	62	50	49	107	70	65	53	51
A12_15	93	65	61	50	49	103	69	64	53	50
A12_20	92	64	61	50	49	99	68	64	53	50
A12_30	89	63	61	49	49	98	71	63	55	50
A12_40	85	63	61	49	49	111	75	64	57	50
A13_1.5	169	88	72	55	51	191	100	75	62	53
A13_5	146	76	66	52	50	168	88	69	59	52
A13_10	117	69	63	51	49	140	82	66	58	51
A13_15	102	68	63	50	49	127	80	66	58	51
A13_20	92	67	62	50	49	121	79	65	58	51
A13_30	82	65	62	50	49	117	79	65	58	51
A13_40	78	64	61	50	49	121	80	65	59	51
A14_1.5	166	87	70	54	51	175	95	73	61	52
A14_5	144	75	65	52	50	157	86	68	59	51
A14_10	118	69	63	50	49	133	81	66	58	51
A14_15	104	67	62	50	49	121	79	65	57	51
A14_20	94	66	62	50	49	114	78	65	57	51
A14_30	83	65	61	50	49	108	78	65	58	51
A14_40	79	64	61	49	49	110	79	65	59	51
A14_50	76	63	61	49	49	118	82	65	60	51
A15_1.5	187	88	72	55	51	187	98	74	61	53
A15_5	158	76	66	52	50	158	86	68	59	51
A15_10	126	68	63	50	49	126	80	66	57	51
A15_15	110	66	62	50	49	112	78	65	57	51
A15_20	99	65	62	50	49	104	77	65	57	51
A15_30	87	64	61	50	49	98	77	64	57	51
A15_40	82	63	61	49	49	102	78	64	58	51

Appendix 4.6 Detailed Assessment Results for Operation Phase

ASR_ID Height	Predicted Concentration from Vehicular Emission with Background ( $\mu\text{g}/\text{m}^3$ )					Predicted Cumulative Concentration ( $\mu\text{g}/\text{m}^3$ )				
	NO <sub>2</sub>			RSP		NO <sub>2</sub>			RSP	
	1-hr Max	24-hr Max	Annual	24-hr Max	Annual	1-hr Max	24-hr Max	Annual	24-hr Max	Annual
	300	150	80	180	55	300	150	80	180	55
A16_1.5	162	85	69	54	51	162	91	71	59	52
A16_5	147	75	65	52	50	147	83	67	57	51
A16_10	127	68	63	50	49	127	78	65	56	51
A16_15	114	66	62	50	49	114	75	65	56	51
A16_20	104	65	62	50	49	104	74	64	56	50
A16_30	90	64	61	49	49	96	74	64	56	50
A16_40	86	63	61	49	49	95	75	64	57	51
A17_1.5	192	87	70	54	51	192	91	73	58	52
A17_5	164	75	65	52	50	164	80	67	56	51
A17_10	132	67	63	50	49	133	73	65	54	51
A17_15	116	66	62	50	49	117	71	64	54	50
A17_20	105	65	61	50	49	106	70	64	54	50
A17_30	91	64	61	49	49	101	70	63	54	50
A17_40	81	63	61	49	49	106	71	63	55	50
A18_1.5	193	84	72	54	51	194	87	74	56	53
A18_5	164	73	65	51	50	165	75	67	54	51
A18_10	132	67	62	50	49	132	69	65	53	51
A18_15	115	65	62	50	49	116	69	64	53	50
A18_20	104	64	61	50	49	106	69	64	54	50
A18_30	89	63	61	49	49	112	72	64	55	50
A18_40	84	63	61	49	49	132	79	64	59	51
A19_1.5	112	73	66	51	50	114	74	67	53	51
A19_5	109	73	65	51	50	114	74	67	53	51
A19_10	100	71	65	51	50	114	72	67	53	51
A19_15	96	70	64	51	50	115	71	66	53	50
A19_20	96	69	64	51	49	115	70	65	53	50
A19_30	117	71	63	51	49	119	71	64	53	50
A19_40	130	73	62	51	49	130	73	64	54	50
A19_50	118	71	61	51	49	136	72	63	55	50
A19_55	108	69	61	51	49	142	73	63	55	50
A20_1.5	113	71	63	51	49	123	72	65	53	50
A20_5	113	70	63	51	49	122	72	65	53	50
A20_10	111	70	63	51	49	120	71	64	53	50
A20_15	110	69	62	50	49	118	70	64	53	50
A20_20	107	68	62	50	49	115	70	64	53	50
A20_30	103	66	61	50	49	106	70	63	53	50
A20_40	98	65	61	50	49	110	70	63	54	50
A20_50	93	64	61	49	49	119	72	63	55	50
A20_55	90	63	61	49	49	125	73	63	56	50