Appendix 3-5

Daily and Annual RSP and PM2.5 Calculation Results (Unmitigated Scenario)

Appendix 3-5A Summary Table of Daily Average RSP Level (Unmitigated Scenario)

In calculating the unmitigated level, both the 1st highest value and the 10th highest value of each ASR were calculated by the ISCST software, and the results are presented below.
The predicted RSP level due to this Project (both the 1st highest and the 10th highest values) has already exceeded the relevant air quality criteria at some of the ASRs regardless the background level (i.e. mitigation measures will be required regardless the background level), thus in calculating the total concentration of RSP (i.e. background + Project contribution), the maximum daily average RSP level from the PATH output file (i.e. 122 $\mu g/m^3$) is used (a conservative approach).

ASR	X	Y	Z	Height above ground	1st Highest Daily RSP (With Bkg. Level) *	1st Highest Daily RSP (W/o Bkg.)	1st Highest RSP Concentration, µg/m3				10th Highest Daily RSP (With Bkg. Level) *	10th Highest Daily RSP (W/o Bkg.)	10th Highest RSP Concentration, µg/m3			
					With Bkg. Level	= Max of (A)+(B) or (C1)+(C2)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)	With Bkg. Level	= Max of (Aa)+(Ba) or (C1a)+(C2a)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A01	823101.12	837242.38	4.4	1.5	164	42	39.4	2.2	0.5	1.8	149	27	25.8	1.3	0.2	0.8
A01A	823124.28	837181.3	4.4	1.5	168	46	43.3	2.2	0.7	1.5	151	29	27.4	1.3	0.2	0.7
A02	823092.84	837313.97	4.4	1.5	167	45	42.8	2.5	0.5	2.1	150	28	26.7	1.7	0.3	0.8
A02A	823119.86	837359.05	4.4	1.5	172	50	46.9	2.6	0.6	2.3	154	32	30.2	1.8	0.3	0.9
A03	823260.81	837373.69	4.4	1.5	194	72	68.9	3.5	1.0	2.2	167	45	43.4	1.9	0.3	1.1
A04	823276.81	837456.12	4.3	1.5	196	74	70.1	3.6	1.1	2.8	173	51	48.6	2.5	0.5	1.5
A05	823287.12	837673.88	4.2	1.5	234	112	103.4	8.8	1.8	6.3	192	70	63.7	6.1	0.7	3.7
A05A	823269.63	837644.52	4.2	1.5	221	99	90.6	7.9	1.6	5.6	188	66	60.6	5.3	0.6	3.2
A05B	823308.73	837726.21	4.2	1.5	254	132	123.1	8.9	1.9	8.5	201	79	71.4	7.1	0.8	4.9
A06	823405	837870	4.2	1.5	395	273	256.9	16.3	3.5	13.2	319	197	186.3	10.9	2.1	7.5
A06A	823365.92	837883.55	4.2	1.5	341	219	205.3	13.3	2.6	11.7	276	154	145.0	8.8	1.6	6.3
A07	823788.62	837882.5	3.1	1.5	**570**	**448**	440.3	7.9	4.5	9.1	369	247	242.2	4.9	2.1	1.7
A08	823679.12	837571.69	2.3	1.5	204	82	78.6	3.1	0.4	1.0	163	41	39.3	1.3	0.2	0.1
A09	823717.31	837567	3.5	1.5	188	66	63.3	2.6	0.4	0.8	158	36	34.3	1.2	0.1	0.0
A10	823227.62	837343.88	4.4	1.5	186	64	60.5	3.1	0.9	2.0	163	41	39.0	1.8	0.3	1.1
A10A	823188.8	837327.28	4.4	1.5	174	52	49.6	2.5	0.8	2.1	157	35	33.7	1.7	0.3	1.0
A11	823382.12	837043.19	4.5	1.5	153	31	30.0	1.0	0.5	0.8	136	14	13.0	0.6	0.1	0.1
A12	823509.19	837017.62	6.5	1.5	151	29	27.9	0.7	0.1	0.4	135	13	12.5	0.4	0.0	0.0
A13	823171.38	837105	4.6	1.5	171	49	46.5	2.0	0.7	1.3	148	26	24.8	1.2	0.2	0.5
A14	823175.5	837030.5	4.4	1.5	162	40	38.2	1.7	0.6	1.0	143	21	19.9	0.9	0.1	0.3
A15	823271.81	836947.19	4.1	1.5	152	30	28.8	1.0	0.6	0.6	134	12	11.3	0.5	0.1	0.1
A16	823496	837908.19	4.2	1.5	553	431	407.8	23.5	5.9	16.0	423	301	283.5	17.3	4.2	13.8
A16A	823470.21	837871.64	4.2	1.5	562	440	416.7	22.9	5.6	17.6	444	322	305.4	16.3	3.6	11.9
A17	823500.62	838152.38	5.7	1.5	304	182	172.3	10.1	1.7	7.9	204	82	74.6	7.2	0.9	3.9
A18	823725.62	838015.88	3.5	1.5	294	172	161.8	9.8	2.4	6.6	258	136	129.8	6.3	1.6	4.0
A19	823749.5	837459.62	3.3	1.5	168	46	44.5	1.6	0.2	0.5	141	19	17.8	0.8	0.1	0.0
A20	823745.38	837355.31	4.2	1.5	163	41	40.2	1.2	0.2	0.4	135	13	12.5	0.6	0.0	0.0
A21	823713.88	837274	4.2	1.5	161	39	37.5	1.4	0.1	0.3	131	9	8.9	0.5	0.0	0.0
A22	823645.12	837066.12	3.5	1.5	143	21	19.8	1.2	0.1	0.2	132	10	9.5	0.4	0.0	0.0
A23	823920.62	837886.69	3.6	1.5	280	158	153.6	3.9	1.6	3.3	196	74	72.8	1.3	0.6	0.0
A24	823927.69	837923.62	3.5	1.5	257	135	131.7	3.2	1.2	3.7	185	63	61.5	1.4	0.6	0.2
A25	823756	838085.19	4.9	1.5	226	104	97.0	7.3	1.5	4.7	212	90	85.7	4.1	1.0	2.4
A26	823040.62	838098.62	4.4	1.5	187	65	59.8	4.7	0.7	2.6	148	26	23.3	2.3	0.3	1.4
A27	823465.59	837089.89	4.5	1.5	157	35	34.0	0.9	0.3	0.7	140	18	17.1	0.5	0.1	0.0
A28	823286.57	837864.24	4.3	1.5	270	148	138.0	9.9	1.6	9.9	240	118	111.4	6.5	1.0	3.9
A29	823279.17	837826.61	4.3	1.5	286	164	154.4	9.9	1.5	9.2	223	101	94.4	6.5	0.9	3.8
A30	823293.2	837534.53	4.5	1.5	214	92	88.0	4.3	1.1	3.9	187	65	61.2	3.4	0.6	1.9
A31	823393.53	837959.69	3.9	1.5	409	287	271.8	15.5	3.6	11.9	323	201	190.1	11.0	2.0	7.4
A32	823353.02	837069.09	4.5	1.5	157	35	33.8	1.1	0.7	0.8	138	16	15.0	0.6	0.1	0.1
A33	823439.27	837932.11	3.9	1.5	442	320	301.8	18.4	4.5	15.2	354	232	219.0	13.3	3.0	9.8
A34	823424.53	838140.16	5.2	1.5	281	159	150.0	9.4	1.5	8.8	184	62	54.5	7.1	0.3	3.7
A35	823581.4	838166.28	5	1.5	269	147	138.8	8.0	1.8	5.7	227	105	100.0	5.3	1.2	3.6
A36	823703.1	837968.5	3.5	1.5	434	312	299.2	12.5	4.3	9.1	341	219	209.2	9.3	2.7	6.5
A1Pa	823687.9	837719	3	1.5	284	162	154.5	7.6	1.5	3.7	225	103	99.3	3.4	0.8	0.9
A2Pa	823545.2	837421.1	3	1.5	182	60	58.6	1.8	0.8	1.2	163	41	39.7	0.9	0.2	0.2
A3Pa	823454.7	837785.1	4	1.5	526	404	384.4	19.6	6.9	21.3	**463**	**341**	322.8	17.8	4.0	12.4
A4Pa	823304.9	837427.1	4	1.5	206	84	80.2	3.9	1.2	2.4	178	56	53.7	2.3	0.4	1.2
A5Pa	823482.3	837384.6	6.5	1.5	188	66	64.0	1.7	1.1	1.4	155	33	32.4	0.9	0.2	0.3
V01	823571.7	837355.7	3	1.5	169	47	45.8	1.3	0.4	0.8	150	28	27.7	0.7	0.1	0.0
V02	823780.1	837738.47	2.4	1.5	225	103	98.5	4.7	1.0	6.0	192	70	67.7	1.9	0.4	0.0
V03	823524.7	837232	3	1.5	164	42	40.5	1.1	0.3	0.7	142	20	19.5	0.5	0.1	0.0
V04	823384.5	837124.2	4.8	1.5	160	38	37.1	1.1	0.7	0.9	138	16	15.7	0.7	0.1	0.1
A01	823101.12	837242.38	4.4	4.5	163	41	38.8	2.1	0.5	1.8	149	27	25.5	1.3	0.2	0.8
A01A	823124.28	837181.3	4.4	4.5	167	45	42.8	2.1	0.6	1.5	150	28	27.0	1.2	0.2	0.7
A02	823092.84	837313.97	4.4	4.5	167	45	42.2	2.4	0.5	2.0	150	28	26.2	1.6	0.3	0.8
A02A	823119.86	837359.05	4.4	4.5	171	49	46.3	2.4	0.6	2.2	154	32	29.9	1.7	0.3	0.8
A03	823260.81	837373.69	4.4	4.5	193	71	67.5	3.3	1.0	2.1	167	45	42.6	1.9	0.3	1.0
A04	823276.81	837456.12	4.3	4.5	194	72	68.3	3.4	1.1	2.6	172	50	47.4	2.3	0.5	1.4
A05	823287.12	837673.88	4.2	4.5	227	105	98.2	6.9	1.7	5.0	189	67	62.1	4.8	0.7	3.1
A05A	823269.63	837644.52	4.2	4.5	215	93	86.8	6.4	1.5	4.6	185	63	58.6	4.4	0.6	2.7
A05B	823308.73	837726.21	4.2	4.5	243	121	113.9	6.6	1.7	6.7	196	74	68.3	5.5	0.8	3.8
A06	823405	837870	4.2	4.5	348	226	216.6	9.2	2.9	7.7	284	162	155.2	6.4	1.9	4.5
A06A	823365.92	837883.55	4.2	4.5	315	193	184.2	8.9	2.4	7.7	261	139	133.0	5.6	1.4	4.1
A07	823788.62	837882.5	3.1	4.5	423	301	297.2	3.4	3.4	4.1	319	197	194.9	1.9	1.5	0.7
A08	823679.12	837571.69	2.3	4.5	199	77	74.1	2.4	0.4	0.9	160	38	37.3	1.0	0.2	0.1
A09	823717.31	837567	3.5	4.5	184	62	59.8	2.0	0.4	0.8	156	34	33.5	0.9	0.1	0.0
A10	823227.62	837343.88	4.4	4.5	184	62	59.4	3.0	0.9	1.9	162	40	38.3	1.7	0.3	1.0
A10A	823188.8	837327.28	4.4	4.5	173	51	48.6	2.4	0.7	2.0	157	35	33.2	1.5	0.3	1.0
A11	823382.12	837043.19	4.5	4.5	153	31	29.6	0.9	0.5	0.8	135	13	12.9	0.5	0.1	0.1
A12	823509.19	837017.62	6.5	4.5	150	28	27.6	0.7	0.1	0.4	135	13	12.3	0.4	0.0	0.0
A13	823171.38	837105	4.6	4.5	170	48	46.0	2.0	0.7	1.3	148	26	24.5	1.1	0.2	0.5
A14	823175.5	837030.5	4.4	4.5	161	39	37.8	1.6	0.6	0.9	143	21	19.7	0.8	0.1	0.3
A15	823271.81	836947.19	4.1	4.5	151	29	28.5	0.9	0.6	0.5	134	12	11.2	0.5	0.1	0.1
A16	823496	837908.19	4.2	4.5	402	280	272.2	7.8	3.7	5.7	329	207	202.0	5.2	2.7	4.2
A16A	823470.21	837871.64	4.2	4.5	409	287	278.8	8.1	3.7	6.7	331	209	202.5	6.0	2.6	4.4
A17	823500.62	838152.38	5.7	4.5	290	168	160.7	7.2	1.6	5.1	197	75	70.4	4.9	0.8	2.9
A18	823725.62	838015.88	3.5	4.5	271	149	144.0	4.8	2.1	4.0	237	115	111.3	3.7	1.5	2.6
A19	823749.5	837459.62	3.3	4.5	166	44	42.9	1.4	0.2	0.5	140	18	17.6	0.7	0.1	0.0
A20	823745.38	837355.31	4.2	4.5	162	40	39.2	1.1	0.2	0.4	135	13	12.4	0.5	0.0	0.0
A21	823713.88	837274	4.2	4.5	160	38	36.6	1.2	0.1	0.3	131	9	8.8	0.4	0.0	0.0
A22	823645.12	837066.12	3.5	4.5	143	21	19.6	1.1	0.1	0.2	132	10	9.4	0.3	0.0	0.0
A23	823920.62	837886.69	3.6	4.5	270	148	144.7	2.8	1.5	2.4	193	71	70.0	1.1	0.6	0.0
A24	823927.69	837923.62	3.5	4.5	249	127	124.2	2.4	1.1	2.8	181	59	58.2	1.1	0.6	0.1
A25	823756	838085.19	4.9	4.5	220	98	92.5	5.0	1.4	3.6	205	83	79.9	3.1	1.0	1.8
A26	823040.62	838098.62	4.4	4.5	185	63	58.6	4.2	0.7	2.3	147	25	22.9	2.1	0.3	1.3
A27	823465.59	837089.89	4.5	4.5	157	35	33.6	0.9	0.3	0.7	139	17	16.9	0.5	0.1	0.0
A28	823286.57	837864.24	4.3	4.5	258	136	128.7	7.7	1.4	7.6	232	110	105.4	4.7	1.0	3.0
A29	823279.17	837826.61	4.3	4.5	275	153	145.0	7.8	1.4	7.0	218	96	90.1	5.4	0.9	3.0
A30	823293.2	837534.53	4.5	4.5	211	89	85.4	3.7	1.1	3.6	184	62	59.3	3.0	0.6	1.8
A31	823393.53	837959.69	3.9	4.5	363	241	232.2	9.2	2.8	6.3	276	154	148.8	5.6	1.7	4.3
A32	823353.02	837069.09	4.5	4.5	157	35	33.5	1.1	0.7	0.7	138	16	14.9	0.6	0.1	0.1
A33	823439.27	837932.11	3.9	4.5	376	254	245.1	8.8	3.2	6.4	299	177	171.3	6.0	2.2	4.6
A34	823424.53	838140.16	5.2	4.5	270	148	141.8	6.5	1.4	6.0	179	57	52.4	4.9	0.3	2.7
A35	823581.4	838166.28	5	4.5	256	134	128.4	5.6	1.7	4.0	219	97	92.9	3.9	1.1	2.8
A36	823703.1	837968.5	3.5	4.5	363	241	236.9	4.5	3.3	3.9	275	153	149.6	3.7	1.9	2.6
A1Pa	823687.9	837719	3	4.5	260	138	133.9	3.8	1.2	2.2	208	86	84.4	1.6	0.7	0.5
A2Pa	823545.2	837421.1	3	4.5	181	59	57.1	1.5	0.8	1.1	161	39	38.4	0.9	0.2	0.2
A3Pa	823454.7	837785.1	4	4.5	353	231	223.4	7.8	4.0	8.3	316	194	187.2	6.5	2.5	5.1
A4Pa	823304.9	837427.1	4	4.5	204	82	78.2	3.7	1.2	2.3	176	54	52.3	2.1	0.4	1.1
A5Pa	823482.3	837384.6	6.5	4.5	186	64	62.3	1.5	1.1	1.2	154	32	31.5	0.8	0.2	0.3
V01	823571.7	837355.7	3	4.5	168	46	44.8	1.1	0.3	0.7	150	28	27.0	0.7	0.1	0.0
V02	823780.1	837738.47	2.4	4.5	215	93	90.0	2.5	0.9	4.0	184	62	60.6	1.2	0.4	0.0
V03	823524.7	837232	3	4.5	163	41	39.9	1.0	0.3	0.7	142	20	19.1	0.5	0.1	0.0
V04	823384.5	837124.2	4.8	4.5	160	38	36.6	1.1	0.7	0.9	138	16	15.5	0.6	0.1	0.1
A01	823101.12	837242.38	4.4	7.5	161	39	37.6	1.8	0.5	1.7	148	26	24.8	1.1	0.2	0.7
A01A	823124.28	837181.3	4.4	7.5	166	44	41.8	2.0	0.6	1.4	149	27	26.2	1.1	0.2	0.6
A02	823092.84	837313.97	4.4	7.5	165	43	41.2	2.0	0.5	1.9	149	27	25.5	1.4	0.2	0.7
A02A	823119.86	837359.05	4.4	7.5	169	47	44.9	2.0	0.6	2.0	153	31	29.4	1.5	0.3	0.8
A03	823260.81	837373.69	4.4	7.5	190	68	64.8	2.9	1.0	1.9	165	43	40.9	1.6	0.3	0.9
A04	823276.81	837456.12	4.3	7.5	190	68	64.8	2.9	1.0	2.3	169	47	45.2	1.9	0.5	1.2
A05	823287.12	837673.88	4.2	7.5	215	93	88.7	4.4	1.6	3.4	184	62	58.5	3.2	0.6	2.3
A05A	823269.63	837644.52	4.2	7.5	206	84	79.7	4.4	1.4	3.2	180	58	54.9	3.1	0.6	2.0
A05B	823308.73	837726.21	4.2	7.5	225	103	99.4	3.9	1.5	4.2	187	65	61.9	3.3	0.7	2.6
A06	823405	837870	4.2	7.5	286	164	159.9	3.9	2.1	3.2	252	130	126.5	3.0	1.5	2.1

ASR	X	Y	Z	Height above ground	1st Highest Daily RSP (With Bkg. Level) *	1st Highest Daily RSP (W/o Bkg.)	1st Highest RSP Concentration, µg/m3				10th Highest Daily RSP (With Bkg. Level) *	10th Highest Daily RSP (W/o Bkg.)	10th Highest RSP Concentration, µg/m3			
					With Bkg. Level	= Max of (A)+(B) or (C1)+(C2)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)	With Bkg. Level	= Max of (Aa)+(Ba) or (C1a)+(C2a)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A06A	823365.92	837883.55	4.2	7.5	276	154	149.9	4.5	1.9	3.7	236	114	110.4	3.1	1.2	2.1
A07	823788.62	837882.5	3.1	7.5	313	191	189.6	1.6	2.5	1.8	264	142	141.1	0.8	1.0	0.3
A08	823679.12	837571.69	2.3	7.5	190	68	66.3	1.4	0.3	0.8	156	34	33.6	0.6	0.2	0.1
A09	823717.31	837567	3.5	7.5	177	55	53.8	1.6	0.3	0.7	153	31	30.6	0.5	0.1	0.0
A10	823227.62	837343.88	4.4	7.5	182	60	57.3	2.7	0.9	1.8	161	39	37.0	1.5	0.3	0.9
A10A	823188.8	837327.28	4.4	7.5	171	49	46.7	2.2	0.7	1.8	156	34	32.4	1.4	0.3	0.9
A11	823382.12	837043.19	4.5	7.5	152	30	29.0	0.8	0.5	0.7	135	13	12.6	0.5	0.1	0.1
A12	823509.19	837017.62	6.5	7.5	150	28	27.1	0.6	0.1	0.4	134	12	12.1	0.3	0.0	0.0
A13	823171.38	837105	4.6	7.5	169	47	45.1	1.8	0.7	1.2	147	25	24.0	1.0	0.2	0.4
A14	823175.5	837030.5	4.4	7.5	161	39	37.1	1.5	0.6	0.9	142	20	19.3	0.8	0.1	0.3
A15	823271.81	836947.19	4.1	7.5	151	29	28.0	0.8	0.6	0.5	134	12	11.0	0.5	0.1	0.1
A16	823496	837908.19	4.2	7.5	296	174	172.0	2.2	2.4	1.9	257	135	133.5	1.8	1.7	1.4
A16A	823470.21	837871.64	4.2	7.5	301	179	176.5	2.7	2.5	2.0	267	145	142.6	2.4	1.7	1.6
A17	823500.62	838152.38	5.7	7.5	267	145	141.1	4.1	1.3	2.9	186	64	60.5	3.0	0.6	1.5
A18	823725.62	838015.88	3.5	7.5	243	121	118.0	2.6	1.7	2.4	211	89	87.0	1.9	1.1	1.4
A19	823749.5	837459.62	3.3	7.5	163	41	40.0	1.1	0.2	0.5	140	18	17.2	0.5	0.1	0.0
A20	823745.38	837355.31	4.2	7.5	160	38	37.2	0.9	0.2	0.4	135	13	12.3	0.4	0.0	0.0
A21	823713.88	837274	4.2	7.5	158	36	35.1	1.0	0.1	0.3	131	9	8.7	0.3	0.0	0.0
A22	823645.12	837066.12	3.5	7.5	142	20	19.1	1.0	0.1	0.2	132	10	9.3	0.3	0.0	0.0
A23	823920.62	837886.69	3.6	7.5	253	131	128.9	1.6	1.3	1.4	187	65	64.5	0.7	0.6	0.0
A24	823927.69	837923.62	3.5	7.5	234	112	110.9	1.5	1.0	1.6	177	55	54.2	0.8	0.5	0.0
A25	823756	838085.19	4.9	7.5	209	87	84.6	2.5	1.2	2.4	193	71	68.7	2.1	0.8	1.2
A26	823040.62	838098.62	4.4	7.5	182	60	56.1	3.4	0.6	1.9	146	24	22.3	1.8	0.2	1.1
A27	823465.59	837089.89	4.5	7.5	156	34	32.9	0.8	0.3	0.6	139	17	16.5	0.4	0.1	0.0
A28	823286.57	837864.24	4.3	7.5	239	117	112.1	4.8	1.2	4.6	217	95	91.9	3.1	0.9	1.9
A29	823279.17	837826.61	4.3	7.5	255	133	128.1	4.9	1.2	4.3	206	84	80.8	3.4	0.8	2.0
A30	823293.2	837534.53	4.5	7.5	205	83	80.4	2.8	1.0	3.1	180	58	55.8	2.3	0.6	1.5
A31	823393.53	837959.69	3.9	7.5	303	181	176.6	4.0	2.0	3.0	238	116	113.1	2.7	1.2	2.2
A32	823353.02	837069.09	4.5	7.5	156	34	32.7	1.0	0.7	0.6	137	15	14.5	0.5	0.1	0.1
A33	823439.27	837932.11	3.9	7.5	300	178	174.7	3.3	2.2	2.6	251	129	126.4	2.4	1.5	1.8
A34	823424.53	838140.16	5.2	7.5	253	131	127.3	3.5	1.2	3.2	173	51	48.2	2.8	0.2	1.6
A35	823581.4	838166.28	5	7.5	236	114	110.4	3.1	1.4	2.6	204	82	79.9	2.4	1.0	1.8
A36	823703.1	837968.5	3.5	7.5	285	163	161.2	2.1	2.3	2.0	222	100	98.3	1.6	1.3	1.0
A1Pa	823686.4	837724.4	3	7.5	229	107	104.4	2.3	0.9	1.1	195	73	72.1	0.7	0.5	0.2
A2Pa	823545.2	837421.1	3	7.5	177	55	54.2	1.2	0.7	0.8	159	37	36.2	0.7	0.2	0.2
A3Pa	823453.6	837780.9	4	7.5	267	145	141.4	3.2	2.5	3.1	251	129	125.9	2.7	1.7	2.1
A4Pa	823304.9	837427.1	4	7.5	200	78	74.3	3.2	1.1	2.1	174	52	49.6	1.9	0.4	0.9
A5Pa	823482.3	837384.6	6.5	7.5	182	60	59.1	1.3	1.0	0.9	153	31	29.9	0.7	0.2	0.3
V01	823571.7	837355.7	3	7.5	166	44	42.9	0.9	0.3	0.5	148	26	25.6	0.5	0.1	0.0
V02	823780.1	837738.47	2.4	7.5	200	78	76.3	1.2	0.8	2.1	174	52	51.3	0.6	0.3	0.0
V03	823524.7	837232	3	7.5	162	40	38.7	0.9	0.3	0.6	141	19	18.7	0.5	0.1	0.0
V04	823384.5	837124.2	4.8	7.5	159	37	35.7	1.0	0.7	0.8	138	16	15.1	0.5	0.1	0.1
Max. RSP Level, ug/m^3					**570**	**448**					**463**	**341**				
Relevant AQO Criteria, ug/m^3					100	100					100	100				

Remark: * The above results have included the background level extracted from the PATH Output (year 2015). The maximum daily average RSP level from the PATH output file is used for calculating the total RSP level as the contribution from the Project has already exceeded the relevant air quality criteria (a conservative approach).

Appendix 3-5B Summary Table of Daily Average PM2.5 Level (Unmitigated Scenario)

In calculating the unmitigated level, both the 1st highest value and the 10th highest value of each ASR were calculated by the ISCST software, and the results are presented below.
The calculated PM2.5 level due to this Project (both the 1st highest and the 10th highest values) has already exceeded the relevant air quality criteria at some of the ASRs regardless the background level (i.e. mitigation measures will be required regardless the background level), thus in calculating the total concentration of PM2.5 (i.e. background + Project contribution), the maximum daily average PM2.5 level from the PATH output file (i.e. 91 $\mu g/m^3$) is used (a conservative approach).

ASR	X	Y	Z	Height above ground	1st Highest Daily PM2.5 (With Bkg. Level) * & **	1st Highest Daily PM2.5 (W/o Bkg.) **	1st Highest PM2.5 Concentration, $\mu g/m^3$ **				10th Highest Daily PM2.5 (With Bkg. Level) * & **	10th Highest Daily PM2.5 (W/o Bkg.) **	10th Highest PM2.5 Concentration, $\mu g/m^3$ **			
					With Bkg. Level	= Max of (A)+(B) or (C1)+(C2)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)	With Bkg. Level	= Max of (Aa)+(Ba) or (C1a)+(C2a)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A01	823101.12	837242.38	4.4	1.5	103	12	11.8	0.7	0.2	0.5	99	8	7.7	0.4	0.1	0.2
A01A	823124.28	837181.3	4.4	1.5	105	14	13.0	0.7	0.2	0.5	100	9	8.2	0.4	0.1	0.2
A02	823092.84	837313.97	4.4	1.5	105	14	12.8	0.8	0.2	0.6	100	9	8.0	0.5	0.1	0.2
A02A	823119.86	837359.05	4.4	1.5	106	15	14.1	0.8	0.2	0.7	101	10	9.1	0.5	0.1	0.3
A03	823260.81	837373.69	4.4	1.5	113	22	20.7	1.1	0.3	0.7	105	14	13.0	0.6	0.1	0.3
A04	823276.81	837456.12	4.3	1.5	113	22	21.0	1.1	0.3	0.8	106	15	14.6	0.8	0.2	0.5
A05	823287.12	837673.88	4.2	1.5	125	34	31.0	2.6	0.5	1.9	112	21	19.1	1.8	0.2	1.1
A05A	823269.63	837644.52	4.2	1.5	121	30	27.2	2.4	0.5	1.7	111	20	18.2	1.6	0.2	1.0
A05B	823308.73	837726.21	4.2	1.5	131	40	36.9	2.7	0.6	2.6	115	24	21.4	2.1	0.2	1.5
A06	823405	837870	4.2	1.5	173	82	77.1	4.9	1.1	4.0	150	59	55.9	3.3	0.6	2.3
A06A	823365.92	837883.55	4.2	1.5	157	66	61.6	4.0	0.8	3.5	137	46	43.5	2.6	0.5	1.9
A07	823788.62	837882.5	3.1	1.5	**225**	**134**	132.1	2.4	1.4	2.7	165	74	72.7	1.5	0.6	0.5
A08	823679.12	837571.69	2.3	1.5	116	25	23.6	0.9	0.1	0.3	103	12	11.8	0.4	0.1	0.0
A09	823717.31	837567	3.5	1.5	111	20	19.0	0.8	0.1	0.2	102	11	10.3	0.4	0.0	0.0
A10	823227.62	837343.88	4.4	1.5	110	19	18.2	0.9	0.3	0.6	103	12	11.7	0.5	0.1	0.3
A10A	823188.8	837327.28	4.4	1.5	107	16	14.9	0.8	0.2	0.6	102	11	10.1	0.5	0.1	0.3
A11	823382.12	837043.19	4.5	1.5	100	9	9.0	0.3	0.2	0.2	95	4	3.9	0.2	0.0	0.0
A12	823509.19	837017.62	6.5	1.5	100	9	8.4	0.2	0.0	0.1	95	4	3.8	0.1	0.0	0.0
A13	823171.38	837105	4.6	1.5	106	15	14.0	0.6	0.2	0.4	99	8	7.4	0.4	0.1	0.2
A14	823175.5	837030.5	4.4	1.5	103	12	11.5	0.5	0.2	0.3	97	6	6.0	0.3	0.0	0.1
A15	823271.81	836947.19	4.1	1.5	100	9	8.6	0.3	0.2	0.2	95	4	3.4	0.2	0.0	0.0
A16	823496	837908.19	4.2	1.5	220	129	122.3	7.1	1.8	4.8	181	90	85.1	5.2	1.3	4.1
A16A	823470.21	837871.64	4.2	1.5	223	132	125.0	6.9	1.7	5.3	188	97	91.6	4.9	1.1	3.6
A17	823500.62	838152.38	5.7	1.5	146	55	51.7	3.0	0.5	2.4	116	25	22.4	2.2	0.3	1.2
A18	823725.62	838015.88	3.5	1.5	142	51	48.5	2.9	0.7	2.0	132	41	38.9	1.9	0.5	1.2
A19	823749.5	837459.62	3.3	1.5	105	14	13.4	0.5	0.1	0.2	97	6	5.3	0.2	0.0	0.0
A20	823745.38	837355.31	4.2	1.5	103	12	12.1	0.4	0.1	0.1	95	4	3.8	0.2	0.0	0.0
A21	823713.88	837274	4.2	1.5	103	12	11.3	0.4	0.0	0.1	94	3	2.7	0.2	0.0	0.0
A22	823645.12	837066.12	3.5	1.5	97	6	5.9	0.4	0.0	0.1	94	3	2.9	0.1	0.0	0.0
A23	823920.62	837886.69	3.6	1.5	138	47	46.1	1.2	0.5	1.0	113	22	21.8	0.4	0.2	0.0
A24	823927.69	837923.62	3.5	1.5	131	40	39.5	1.0	0.4	1.1	110	19	18.5	0.4	0.2	0.1
A25	823756	838085.19	4.9	1.5	122	31	29.1	2.2	0.5	1.4	118	27	25.7	1.2	0.3	0.7
A26	823040.62	838098.62	4.4	1.5	110	19	17.9	1.4	0.2	0.8	99	8	7.0	0.7	0.1	0.4
A27	823465.59	837089.89	4.5	1.5	101	10	10.2	0.3	0.1	0.2	96	5	5.1	0.2	0.0	0.0
A28	823286.57	837864.24	4.3	1.5	135	44	41.4	3.0	0.5	3.0	126	35	33.4	2.0	0.3	1.2
A29	823279.17	837826.61	4.3	1.5	140	49	46.3	3.0	0.5	2.8	121	30	28.3	2.0	0.3	1.1
A30	823293.2	837534.53	4.5	1.5	119	28	26.4	1.3	0.3	1.2	110	19	18.4	1.0	0.2	0.6
A31	823393.53	837959.69	3.9	1.5	177	86	81.5	4.7	1.1	3.6	151	60	57.0	3.3	0.6	2.2
A32	823353.02	837069.09	4.5	1.5	101	10	10.1	0.3	0.2	0.2	96	5	4.5	0.2	0.0	0.0
A33	823439.27	837932.11	3.9	1.5	187	96	90.5	5.5	1.4	4.6	161	70	65.7	4.0	0.9	2.9
A34	823424.53	838140.16	5.2	1.5	139	48	45.0	2.8	0.5	2.6	109	18	16.4	2.1	0.1	1.1
A35	823581.4	838166.28	5	1.5	135	44	41.6	2.4	0.5	1.7	123	32	30.0	1.6	0.4	1.1
A36	823703.1	837968.5	3.5	1.5	185	94	89.8	3.8	1.3	2.7	157	66	62.8	2.8	0.8	2.0
A1Pa	823687.9	837719	3	1.5	140	49	46.4	2.3	0.5	1.1	122	31	29.8	1.0	0.2	0.3
A2Pa	823545.2	837421.1	3	1.5	109	18	17.6	0.5	0.2	0.4	103	12	11.9	0.3	0.1	0.1
A3Pa	823454.7	837785.1	4	1.5	212	121	115.3	5.9	2.1	6.4	**193**	**102**	96.8	5.3	1.2	3.7
A4Pa	823304.9	837427.1	4	1.5	116	25	24.1	1.2	0.4	0.7	108	17	16.1	0.7	0.1	0.4
A5Pa	823482.3	837384.6	6.5	1.5	111	20	19.2	0.5	0.3	0.4	101	10	9.7	0.3	0.1	0.1
V01	823571.7	837355.7	3	1.5	105	14	13.7	0.4	0.1	0.2	100	9	8.3	0.2	0.0	0.0
V02	823780.1	837738.47	2.4	1.5	122	31	29.6	1.4	0.3	1.8	112	21	20.3	0.6	0.1	0.0
V03	823524.7	837232	3	1.5	103	12	12.2	0.3	0.1	0.2	97	6	5.9	0.2	0.0	0.0
V04	823384.5	837124.2	4.8	1.5	102	11	11.1	0.3	0.2	0.3	96	5	4.7	0.2	0.0	0.0
A01	823101.12	837242.38	4.4	4.5	103	12	11.6	0.6	0.2	0.5	99	8	7.7	0.4	0.1	0.2
A01A	823124.28	837181.3	4.4	4.5	104	13	12.8	0.6	0.2	0.5	99	8	8.1	0.4	0.1	0.2
A02	823092.84	837313.97	4.4	4.5	104	13	12.7	0.7	0.2	0.6	99	8	7.9	0.5	0.1	0.2
A02A	823119.86	837359.05	4.4	4.5	106	15	13.9	0.7	0.2	0.7	100	9	9.0	0.5	0.1	0.2
A03	823260.81	837373.69	4.4	4.5	112	21	20.3	1.0	0.3	0.6	104	13	12.8	0.6	0.1	0.3
A04	823276.81	837456.12	4.3	4.5	113	22	20.5	1.0	0.3	0.8	106	15	14.2	0.7	0.2	0.4
A05	823287.12	837673.88	4.2	4.5	123	32	29.5	2.1	0.5	1.5	111	20	18.6	1.4	0.2	0.9
A05A	823269.63	837644.52	4.2	4.5	119	28	26.0	1.9	0.5	1.4	110	19	17.6	1.3	0.2	0.8
A05B	823308.73	837726.21	4.2	4.5	127	36	34.2	2.0	0.5	2.0	113	22	20.5	1.7	0.2	1.1
A06	823405	837870	4.2	4.5	159	68	65.0	2.8	0.9	2.3	139	48	46.6	1.9	0.6	1.4
A06A	823365.92	837883.55	4.2	4.5	149	58	55.3	2.7	0.7	2.3	133	42	39.9	1.7	0.4	1.2
A07	823788.62	837882.5	3.1	4.5	181	90	89.2	1.0	1.0	1.2	150	59	58.5	0.6	0.5	0.2
A08	823679.12	837571.69	2.3	4.5	114	23	22.2	0.7	0.1	0.3	102	11	11.2	0.3	0.1	0.0
A09	823717.31	837567	3.5	4.5	110	19	17.9	0.6	0.1	0.2	101	10	10.1	0.3	0.0	0.0
A10	823227.62	837343.88	4.4	4.5	110	19	17.8	0.9	0.3	0.6	103	12	11.5	0.5	0.1	0.3
A10A	823188.8	837327.28	4.4	4.5	106	15	14.6	0.7	0.2	0.6	101	10	10.0	0.5	0.1	0.3
A11	823382.12	837043.19	4.5	4.5	100	9	8.9	0.3	0.2	0.2	95	4	3.9	0.2	0.0	0.0
A12	823509.19	837017.62	6.5	4.5	99	8	8.3	0.2	0.0	0.1	95	4	3.7	0.1	0.0	0.0
A13	823171.38	837105	4.6	4.5	105	14	13.8	0.6	0.2	0.4	99	8	7.4	0.3	0.1	0.2
A14	823175.5	837030.5	4.4	4.5	103	12	11.3	0.5	0.2	0.3	97	6	5.9	0.2	0.0	0.1
A15	823271.81	836947.19	4.1	4.5	100	9	8.6	0.3	0.2	0.2	95	4	3.4	0.2	0.0	0.0
A16	823496	837908.19	4.2	4.5	175	84	81.7	2.3	1.1	1.7	153	62	60.6	1.6	0.8	1.3
A16A	823470.21	837871.64	4.2	4.5	177	86	83.6	2.4	1.1	2.0	154	63	60.8	1.8	0.8	1.3
A17	823500.62	838152.38	5.7	4.5	141	50	48.2	2.2	0.5	1.5	114	23	21.1	1.5	0.2	0.9
A18	823725.62	838015.88	3.5	4.5	136	45	43.2	1.4	0.6	1.2	126	35	33.4	1.1	0.5	0.8
A19	823749.5	837459.62	3.3	4.5	104	13	12.9	0.4	0.1	0.2	96	5	5.3	0.2	0.0	0.0
A20	823745.38	837355.31	4.2	4.5	103	12	11.8	0.3	0.1	0.1	95	4	3.7	0.2	0.0	0.0
A21	823713.88	837274	4.2	4.5	102	11	11.0	0.4	0.0	0.1	94	3	2.6	0.1	0.0	0.0
A22	823645.12	837066.12	3.5	4.5	97	6	5.9	0.3	0.0	0.1	94	3	2.8	0.1	0.0	0.0
A23	823920.62	837886.69	3.6	4.5	135	44	43.4	0.8	0.5	0.7	112	21	21.0	0.3	0.2	0.0
A24	823927.69	837923.62	3.5	4.5	129	38	37.3	0.7	0.3	0.8	109	18	17.5	0.3	0.2	0.0
A25	823756	838085.19	4.9	4.5	120	29	27.8	1.5	0.4	1.1	116	25	24.0	0.9	0.3	0.5
A26	823040.62	838098.62	4.4	4.5	110	19	17.6	1.3	0.2	0.7	99	8	6.9	0.6	0.1	0.4
A27	823465.59	837089.89	4.5	4.5	101	10	10.1	0.3	0.1	0.2	96	5	5.1	0.2	0.0	0.0
A28	823286.57	837864.24	4.3	4.5	132	41	38.6	2.3	0.4	2.3	124	33	31.6	1.4	0.3	0.9
A29	823279.17	837826.61	4.3	4.5	137	46	43.5	2.3	0.4	2.1	120	29	27.0	1.6	0.3	0.9
A30	823293.2	837534.53	4.5	4.5	118	27	25.6	1.1	0.3	1.1	110	19	17.8	0.9	0.2	0.5
A31	823393.53	837959.69	3.9	4.5	163	72	69.7	2.8	0.8	1.9	137	46	44.6	1.7	0.5	1.3
A32	823353.02	837069.09	4.5	4.5	101	10	10.1	0.3	0.2	0.2	96	5	4.5	0.2	0.0	0.0
A33	823439.27	837932.11	3.9	4.5	167	76	73.5	2.6	1.0	1.9	144	53	51.4	1.8	0.7	1.4
A34	823424.53	838140.16	5.2	4.5	135	44	42.5	2.0	0.4	1.8	108	17	15.7	1.5	0.1	0.8
A35	823581.4	838166.28	5	4.5	131	40	38.5	1.7	0.5	1.2	120	29	27.9	1.2	0.3	0.8
A36	823703.1	837968.5	3.5	4.5	163	72	71.1	1.4	1.0	1.2	137	46	44.9	1.1	0.6	0.8
A1Pa	823687.9	837719	3	4.5	132	41	40.2	1.1	0.4	0.7	117	26	25.3	0.5	0.2	0.2
A2Pa	823545.2	837421.1	3	4.5	109	18	17.1	0.5	0.2	0.3	103	12	11.5	0.3	0.1	0.1
A3Pa	823454.7	837785.1	4	4.5	160	69	67.0	2.3	1.2	2.5	149	58	56.2	2.0	0.8	1.5
A4Pa	823304.9	837427.1	4	4.5	116	25	23.5	1.1	0.4	0.7	107	16	15.7	0.6	0.1	0.3
A5Pa	823482.3	837384.6	6.5	4.5	110	19	18.7	0.5	0.3	0.4	101	10	9.5	0.2	0.1	0.1
V01	823571.7	837355.7	3	4.5	105	14	13.4	0.3	0.1	0.2	99	8	8.1	0.2	0.0	0.0
V02	823780.1	837738.47	2.4	4.5	119	28	27.0	0.8	0.3	1.2	110	19	18.2	0.4	0.1	0.0
V03	823524.7	837232	3	4.5	103	12	12.0	0.3	0.1	0.2	97	6	5.7	0.2	0.0	0.0
V04	823384.5	837124.2	4.8	4.5	102	11	11.0	0.3	0.2	0.3	96	5	4.7	0.2	0.0	0.0
A01	823101.12	837242.38	4.4	7.5	103	12	11.3	0.5	0.2	0.5	99	8	7.4	0.3	0.1	0.2
A01A	823124.28	837181.3	4.4	7.5	104	13	12.5	0.6	0.2	0.4	99	8	7.9	0.3	0.1	0.2
A02	823092.84	837313.97	4.4	7.5	104	13	12.4	0.6	0.2	0.6	99	8	7.7	0.4	0.1	0.2
A02A	823119.86	837359.05	4.4	7.5	105	14	13.5	0.6	0.2	0.6	100	9	8.8	0.5	0.1	0.2
A03	823260.81	837373.69	4.4	7.5	111	20	19.4	0.9	0.3	0.6	104	13	12.3	0.5	0.1	0.3
A04	823276.81	837456.12	4.3	7.5	111	20	19.4	0.9	0.3	0.7	105	14	13.6	0.6	0.2	0.4
A05	823287.12	837673.88	4.2	7.5	119	28	26.6	1.3	0.5	1.0	110	19	17.6	1.0	0.2	0.7
A05A	823269.63	837644.52	4.2	7.5	116	25	23.9	1.3	0.4	1.0	108	17	16.5	0.9	0.2	0.6
A05B	823308.73	837726.21	4.2	7.5	122	31	29.8	1.2	0.5	1.3	111	20	18.6	1.0	0.2	0.8

ASR	X	Y	Z	Height above ground	1st Highest Daily PM2.5 (With Bkg. Level) * & **	1st Highest Daily PM2.5 (W/o Bkg.) **	1st Highest PM2.5 Concentration, µg/m³ **				10th Highest Daily PM2.5 (With Bkg. Level) * & **	10th Highest Daily PM2.5 (W/o Bkg.) **	10th Highest PM2.5 Concentration, µg/m³ **			
					With Bkg. Level	= Max of (A)+(B) or (C1)+(C2)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)	With Bkg. Level	= Max of (Aa)+(Ba) or (C1a)+(C2a)	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A06	823405	837870	4.2	7.5	140	49	48.0	1.2	0.6	1.0	130	39	38.0	0.9	0.5	0.6
A06A	823365.92	837883.55	4.2	7.5	137	46	45.0	1.4	0.6	1.1	125	34	33.1	0.9	0.4	0.6
A07	823788.62	837882.5	3.1	7.5	148	57	56.9	0.5	0.8	0.5	134	43	42.3	0.2	0.3	0.1
A08	823679.12	837571.69	2.3	7.5	111	20	19.9	0.4	0.1	0.2	101	10	10.1	0.2	0.1	0.0
A09	823717.31	837567	3.5	7.5	108	17	16.1	0.5	0.1	0.2	100	9	9.2	0.2	0.0	0.0
A10	823227.62	837343.88	4.4	7.5	109	18	17.2	0.8	0.3	0.5	103	12	11.1	0.5	0.1	0.3
A10A	823188.8	837327.28	4.4	7.5	106	15	14.0	0.7	0.2	0.5	101	10	9.7	0.4	0.1	0.3
A11	823382.12	837043.19	4.5	7.5	100	9	8.7	0.2	0.2	0.2	95	4	3.8	0.2	0.0	0.0
A12	823509.19	837017.62	6.5	7.5	99	8	8.1	0.2	0.0	0.1	95	4	3.6	0.1	0.0	0.0
A13	823171.38	837105	4.6	7.5	105	14	13.5	0.5	0.2	0.4	99	8	7.2	0.3	0.1	0.1
A14	823175.5	837030.5	4.4	7.5	103	12	11.1	0.5	0.2	0.3	97	6	5.8	0.2	0.0	0.1
A15	823271.81	836947.19	4.1	7.5	100	9	8.4	0.2	0.2	0.2	94	3	3.3	0.2	0.0	0.0
A16	823496	837908.19	4.2	7.5	143	52	51.6	0.7	0.7	0.6	132	41	40.1	0.5	0.5	0.4
A16A	823470.21	837871.64	4.2	7.5	145	54	53.0	0.8	0.8	0.6	135	44	42.8	0.7	0.5	0.5
A17	823500.62	838152.38	5.7	7.5	135	44	42.3	1.2	0.4	0.9	110	19	18.2	0.9	0.2	0.5
A18	823725.62	838015.88	3.5	7.5	127	36	35.4	0.8	0.5	0.7	118	27	26.1	0.6	0.3	0.4
A19	823749.5	837459.62	3.3	7.5	103	12	12.0	0.3	0.1	0.2	96	5	5.2	0.2	0.0	0.0
A20	823745.38	837355.31	4.2	7.5	102	11	11.2	0.3	0.1	0.1	95	4	3.7	0.1	0.0	0.0
A21	823713.88	837274	4.2	7.5	102	11	10.5	0.3	0.0	0.1	94	3	2.6	0.1	0.0	0.0
A22	823645.12	837066.12	3.5	7.5	97	6	5.7	0.3	0.0	0.1	94	3	2.8	0.1	0.0	0.0
A23	823920.62	837886.69	3.6	7.5	130	39	38.7	0.5	0.4	0.4	111	20	19.4	0.2	0.2	0.0
A24	823927.69	837923.62	3.5	7.5	125	34	33.3	0.5	0.3	0.5	108	17	16.3	0.2	0.2	0.0
A25	823756	838085.19	4.9	7.5	117	26	25.4	0.8	0.4	0.7	112	21	20.6	0.6	0.2	0.4
A26	823040.62	838098.62	4.4	7.5	109	18	16.8	1.0	0.2	0.6	98	7	6.7	0.5	0.1	0.3
A27	823465.59	837089.89	4.5	7.5	101	10	9.9	0.2	0.1	0.2	96	5	5.0	0.1	0.0	0.0
A28	823286.57	837864.24	4.3	7.5	126	35	33.6	1.4	0.4	1.4	120	29	27.6	0.9	0.3	0.6
A29	823279.17	837826.61	4.3	7.5	131	40	38.4	1.5	0.4	1.3	116	25	24.2	1.0	0.2	0.6
A30	823293.2	837534.53	4.5	7.5	116	25	24.1	0.8	0.3	0.9	108	17	16.7	0.7	0.2	0.5
A31	823393.53	837959.69	3.9	7.5	145	54	53.0	1.2	0.6	0.9	126	35	33.9	0.8	0.4	0.7
A32	823353.02	837069.09	4.5	7.5	101	10	9.8	0.3	0.2	0.2	96	5	4.4	0.2	0.0	0.0
A33	823439.27	837932.11	3.9	7.5	144	53	52.4	1.0	0.7	0.8	130	39	37.9	0.7	0.5	0.5
A34	823424.53	838140.16	5.2	7.5	130	39	38.2	1.1	0.4	1.0	106	15	14.5	0.8	0.1	0.5
A35	823581.4	838166.28	5	7.5	125	34	33.1	0.9	0.4	0.8	116	25	24.0	0.7	0.3	0.5
A36	823703.1	837968.5	3.5	7.5	140	49	48.4	0.6	0.7	0.6	121	30	29.5	0.5	0.4	0.3
A1Pa	823686.4	837724.4	3	7.5	123	32	31.3	0.7	0.3	0.3	113	22	21.6	0.2	0.2	0.1
A2Pa	823545.2	837421.1	3	7.5	108	17	16.3	0.4	0.2	0.2	102	11	10.9	0.2	0.1	0.1
A3Pa	823453.6	837780.9	4	7.5	134	43	42.4	1.0	0.8	0.9	130	39	37.8	0.8	0.5	0.6
A4Pa	823304.9	837427.1	4	7.5	114	23	22.3	1.0	0.3	0.6	106	15	14.9	0.6	0.1	0.3
A5Pa	823482.3	837384.6	6.5	7.5	109	18	17.7	0.4	0.3	0.3	100	9	9.0	0.2	0.1	0.1
V01	823571.7	837355.7	3	7.5	104	13	12.9	0.3	0.1	0.2	99	8	7.7	0.2	0.0	0.0
V02	823780.1	837738.47	2.4	7.5	114	23	22.9	0.4	0.2	0.6	107	16	15.4	0.2	0.1	0.0
V03	823524.7	837232	3	7.5	103	12	11.6	0.3	0.1	0.2	97	6	5.6	0.2	0.0	0.0
V04	823384.5	837124.2	4.8	7.5	102	11	10.7	0.3	0.2	0.2	96	5	4.5	0.2	0.0	0.0
Max. PM2.5 Level, ug/m³					**225**	**134**					**193**	**102**				
Relevant AQO Criteria, ug/m³					75	75					75	75				

Remark: * The above results have included the background level extracted from the PATH Output (year 2015). The maximum daily average PM2.5 level from the PATH output file is used for calculating the total PM2.5 level as the contribution from the Project has already exceeded the relevant air quality criteria (a conservative approach).

** The PM2.5 concentrations are calculated based on the predicted RSP concentrations by applying a PM2.5/RSP ratio of 0.3 according to the USEPA AP-42 reference document. Please refer to Appendix 3-10 for the justification of PM2.5/RSP ratio.

Appendix 3-5C Summary Table of Maximum Annual Average RSP Level (Unmitigated Scenario)

In calculating the unmitigated level, the predicted RSP level due to this Project has already exceeded the relevant air quality criteria at some of the ASRs regardless the background level (i.e. mitigation measures will be required regardless the background level), thus in calculating the total concentration of RSP (i.e. background + Project contribution), the maximum annual average RSP level from the PATH output file (i.e. 43 μg/m^3) is used (a conservative approach).

ASR	X	Y	Z	Height above ground	Annual Average RSP (With Bkg. Level) *	Annual Average RSP (W/o Bkg.)	RSP Concentration, μg/m3			
					With Bkg. Level	=A+B+C1+C2	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A01	823101.1	837242.4	4.4	1.5	49	6	5.0	0.3	0.1	0.3
A01A	823124.3	837181.3	4.4	1.5	48	5	4.6	0.2	0.1	0.2
A02	823092.8	837314	4.4	1.5	50	7	5.6	0.4	0.1	0.4
A02A	823119.9	837359.1	4.4	1.5	50	7	6.4	0.4	0.1	0.4
A03	823260.8	837373.7	4.4	1.5	52	9	8.1	0.4	0.1	0.4
A04	823276.8	837456.1	4.3	1.5	55	12	10.5	0.6	0.2	0.6
A05	823287.1	837673.9	4.2	1.5	63	20	16.3	1.6	0.3	1.5
A05A	823269.6	837644.5	4.2	1.5	61	18	14.7	1.4	0.3	1.3
A05B	823308.7	837726.2	4.2	1.5	67	24	19.5	2.0	0.3	1.9
A06	823405	837870	4.2	1.5	106	63	53.0	4.3	1.0	4.3
A06A	823365.9	837883.6	4.2	1.5	86	43	36.1	3.3	0.7	3.2
A07	823788.6	837882.5	3.1	1.5	91	48	46.0	0.6	0.7	0.7
A08	823679.1	837571.7	2.3	1.5	48	5	4.4	0.1	0.1	0.1
A09	823717.3	837567	3.5	1.5	46	3	3.2	0.1	0.0	0.0
A10	823227.6	837343.9	4.4	1.5	51	8	7.2	0.4	0.1	0.4
A10A	823188.8	837327.3	4.4	1.5	51	8	6.7	0.3	0.1	0.4
A11	823382.1	837043.2	4.5	1.5	45	2	2.0	0.1	0.0	0.0
A12	823509.2	837017.6	6.5	1.5	44	1	1.4	0.0	0.0	0.0
A13	823171.4	837105	4.6	1.5	47	4	3.8	0.2	0.1	0.2
A14	823175.5	837030.5	4.4	1.5	46	3	3.1	0.1	0.1	0.1
A15	823271.8	836947.2	4.1	1.5	45	2	1.9	0.1	0.0	0.1
A16	823496	837908.2	4.2	1.5	**189**	**146**	127.0	8.1	2.3	8.3
A16A	823470.2	837871.6	4.2	1.5	157	114	97.7	7.0	1.8	7.0
A17	823500.6	838152.4	5.7	1.5	61	18	14.3	1.5	0.3	1.5
A18	823725.6	838015.9	3.5	1.5	88	45	41.3	1.6	0.7	1.6
A19	823749.5	837459.6	3.3	1.5	45	2	1.6	0.1	0.0	0.0
A20	823745.4	837355.3	4.2	1.5	44	1	1.2	0.0	0.0	0.0
A21	823713.9	837274	4.2	1.5	44	1	1.1	0.0	0.0	0.0
A22	823645.1	837066.1	3.5	1.5	44	1	0.9	0.0	0.0	0.0
A23	823920.6	837886.7	3.6	1.5	55	12	11.4	0.1	0.2	0.1
A24	823927.7	837923.6	3.5	1.5	54	11	10.2	0.1	0.2	0.2
A25	823756	838085.2	4.9	1.5	67	24	21.9	0.9	0.4	0.9
A26	823040.6	838098.6	4.4	1.5	48	5	4.2	0.5	0.1	0.6
A27	823465.6	837089.9	4.5	1.5	45	2	1.8	0.1	0.0	0.0
A28	823286.6	837864.2	4.3	1.5	68	25	20.5	2.0	0.4	1.9
A29	823279.2	837826.6	4.3	1.5	67	24	19.8	2.0	0.3	1.7
A30	823293.2	837534.5	4.5	1.5	59	16	13.7	0.8	0.2	0.8
A31	823393.5	837959.7	3.9	1.5	91	48	39.4	3.6	0.8	3.7
A32	823353	837069.1	4.5	1.5	46	3	2.3	0.1	0.0	0.1
A33	823439.3	837932.1	3.9	1.5	133	90	76.7	5.9	1.4	6.0
A34	823424.5	838140.2	5.2	1.5	52	9	6.3	1.3	0.1	1.4
A35	823581.4	838166.3	5	1.5	69	26	22.8	1.4	0.4	1.5
A36	823703.1	837968.5	3.5	1.5	123	80	73.5	2.8	1.2	2.8
A1Pa	823687.9	837719	3	1.5	61	18	17.3	0.5	0.3	0.3
A2Pa	823545.2	837421.1	3	1.5	48	5	4.7	0.1	0.1	0.1
A3Pa	823454.7	837785.1	4	1.5	156	113	98.7	6.2	1.7	5.9
A4Pa	823304.9	837427.1	4	1.5	54	11	9.8	0.4	0.2	0.5
A5Pa	823482.3	837384.6	6.5	1.5	49	6	5.4	0.2	0.1	0.1
V01	823571.7	837355.7	3	1.5	46	3	3.0	0.1	0.0	0.0
V02	823780.1	837738.5	2.4	1.5	52	9	8.8	0.2	0.1	0.2
V03	823524.7	837232	3	1.5	46	3	2.4	0.1	0.0	0.0
V04	823384.5	837124.2	4.8	1.5	46	3	2.6	0.1	0.0	0.1
A01	823101.1	837242.4	4.4	4.5	49	6	5.0	0.3	0.1	0.3
A01A	823124.3	837181.3	4.4	4.5	48	5	4.6	0.2	0.1	0.2
A02	823092.8	837314	4.4	4.5	49	6	5.6	0.3	0.1	0.3
A02A	823119.9	837359.1	4.4	4.5	50	7	6.3	0.4	0.1	0.4
A03	823260.8	837373.7	4.4	4.5	52	9	7.9	0.4	0.1	0.4
A04	823276.8	837456.1	4.3	4.5	55	12	10.3	0.5	0.2	0.5
A05	823287.1	837673.9	4.2	4.5	62	19	15.8	1.4	0.3	1.3
A05A	823269.6	837644.5	4.2	4.5	60	17	14.2	1.2	0.3	1.1
A05B	823308.7	837726.2	4.2	4.5	65	22	18.7	1.6	0.3	1.5
A06	823405	837870	4.2	4.5	95	52	46.2	2.5	0.9	2.5
A06A	823365.9	837883.6	4.2	4.5	81	38	32.8	2.1	0.6	2.1
A07	823788.6	837882.5	3.1	4.5	77	34	33.2	0.2	0.5	0.3
A08	823679.1	837571.7	2.3	4.5	47	4	4.2	0.1	0.1	0.0
A09	823717.3	837567	3.5	4.5	46	3	3.1	0.1	0.0	0.0
A10	823227.6	837343.9	4.4	4.5	51	8	7.1	0.3	0.1	0.3
A10A	823188.8	837327.3	4.4	4.5	50	7	6.6	0.3	0.1	0.3
A11	823382.1	837043.2	4.5	4.5	45	2	2.0	0.1	0.0	0.0
A12	823509.2	837017.6	6.5	4.5	44	1	1.3	0.0	0.0	0.0
A13	823171.4	837105	4.6	4.5	47	4	3.8	0.2	0.1	0.2
A14	823175.5	837030.5	4.4	4.5	46	3	3.1	0.1	0.1	0.1
A15	823271.8	836947.2	4.1	4.5	45	2	1.9	0.1	0.0	0.1
A16	823496	837908.2	4.2	4.5	132	89	82.0	2.4	1.5	2.6
A16A	823470.2	837871.6	4.2	4.5	122	79	72.2	2.6	1.3	2.6
A17	823500.6	838152.4	5.7	4.5	58	15	13.0	1.1	0.2	1.1
A18	823725.6	838015.9	3.5	4.5	82	39	36.1	1.0	0.6	1.0
A19	823749.5	837459.6	3.3	4.5	45	2	1.6	0.1	0.0	0.0
A20	823745.4	837355.3	4.2	4.5	44	1	1.1	0.0	0.0	0.0
A21	823713.9	837274	4.2	4.5	44	1	1.0	0.0	0.0	0.0
A22	823645.1	837066.1	3.5	4.5	44	1	0.9	0.0	0.0	0.0
A23	823920.6	837886.7	3.6	4.5	54	11	10.9	0.1	0.2	0.1
A24	823927.7	837923.6	3.5	4.5	53	10	9.7	0.1	0.2	0.1
A25	823756	838085.2	4.9	4.5	65	22	20.5	0.7	0.3	0.7
A26	823040.6	838098.6	4.4	4.5	48	5	4.1	0.4	0.1	0.5
A27	823465.6	837089.9	4.5	4.5	45	2	1.8	0.1	0.0	0.0
A28	823286.6	837864.2	4.3	4.5	66	23	19.4	1.5	0.4	1.4
A29	823279.2	837826.6	4.3	4.5	65	22	18.8	1.6	0.3	1.4
A30	823293.2	837534.5	4.5	4.5	58	15	13.4	0.8	0.2	0.8
A31	823393.5	837959.7	3.9	4.5	81	38	33.3	1.9	0.6	2.0
A32	823353	837069.1	4.5	4.5	46	3	2.3	0.1	0.0	0.1

ASR	X	Y	Z	Height above ground	Annual Average RSP (With Bkg. Level) * With Bkg. Level	Annual Average RSP (W/o Bkg.) =A+B+C1+C2	RSP Concentration, µg/m3 (A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A33	823439.3	837932.1	3.9	4.5	106	63	56.5	2.4	1.1	2.6
A34	823424.5	838140.2	5.2	4.5	51	8	6.0	0.9	0.1	1.0
A35	823581.4	838166.3	5	4.5	67	24	21.2	1.1	0.4	1.1
A36	823703.1	837968.5	3.5	4.5	100	57	54.2	1.1	0.9	1.0
A1Pa	823687.9	837719	3	4.5	59	16	14.9	0.3	0.2	0.2
A2Pa	823545.2	837421.1	3	4.5	48	5	4.6	0.1	0.1	0.1
A3Pa	823454.7	837785.1	4	4.5	113	70	64.0	2.5	1.1	2.5
A4Pa	823304.9	837427.1	4	4.5	54	11	9.6	0.4	0.2	0.4
A5Pa	823482.3	837384.6	6.5	4.5	49	6	5.3	0.2	0.1	0.1
V01	823571.7	837355.7	3	4.5	46	3	3.0	0.1	0.0	0.0
V02	823780.1	837738.5	2.4	4.5	51	8	8.1	0.1	0.1	0.1
V03	823524.7	837232	3	4.5	45	2	2.3	0.1	0.0	0.0
V04	823384.5	837124.2	4.8	4.5	46	3	2.5	0.1	0.0	0.1
A01	823101.1	837242.4	4.4	7.5	49	6	4.9	0.2	0.1	0.3
A01A	823124.3	837181.3	4.4	7.5	48	5	4.5	0.2	0.1	0.2
A02	823092.8	837314	4.4	7.5	49	6	5.4	0.3	0.1	0.3
A02A	823119.9	837359.1	4.4	7.5	50	7	6.1	0.4	0.1	0.4
A03	823260.8	837373.7	4.4	7.5	51	8	7.7	0.3	0.1	0.3
A04	823276.8	837456.1	4.3	7.5	54	11	9.9	0.4	0.2	0.5
A05	823287.1	837673.9	4.2	7.5	60	17	14.7	1.0	0.3	0.9
A05A	823269.6	837644.5	4.2	7.5	58	15	13.4	0.9	0.2	0.9
A05B	823308.7	837726.2	4.2	7.5	63	20	17.1	1.1	0.3	1.0
A06	823405	837870	4.2	7.5	82	39	36.4	1.1	0.7	1.1
A06A	823365.9	837883.6	4.2	7.5	73	30	27.5	1.0	0.5	1.1
A07	823788.6	837882.5	3.1	7.5	66	23	22.8	0.1	0.4	0.1
A08	823679.1	837571.7	2.3	7.5	47	4	3.9	0.1	0.1	0.0
A09	823717.3	837567	3.5	7.5	46	3	2.9	0.1	0.0	0.0
A10	823227.6	837343.9	4.4	7.5	51	8	6.9	0.3	0.1	0.3
A10A	823188.8	837327.3	4.4	7.5	50	7	6.4	0.3	0.1	0.3
A11	823382.1	837043.2	4.5	7.5	45	2	1.9	0.1	0.0	0.0
A12	823509.2	837017.6	6.5	7.5	44	1	1.3	0.0	0.0	0.0
A13	823171.4	837105	4.6	7.5	47	4	3.7	0.1	0.1	0.1
A14	823175.5	837030.5	4.4	7.5	46	3	3.0	0.1	0.1	0.1
A15	823271.8	836947.2	4.1	7.5	45	2	1.9	0.1	0.0	0.0
A16	823496	837908.2	4.2	7.5	92	49	46.9	0.6	0.8	0.7
A16A	823470.2	837871.6	4.2	7.5	93	50	47.4	0.8	0.8	0.9
A17	823500.6	838152.4	5.7	7.5	55	12	10.9	0.6	0.2	0.6
A18	823725.6	838015.9	3.5	7.5	73	30	28.4	0.5	0.5	0.5
A19	823749.5	837459.6	3.3	7.5	45	2	1.5	0.0	0.0	0.0
A20	823745.4	837355.3	4.2	7.5	44	1	1.1	0.0	0.0	0.0
A21	823713.9	837274	4.2	7.5	44	1	1.0	0.0	0.0	0.0
A22	823645.1	837066.1	3.5	7.5	44	1	0.9	0.0	0.0	0.0
A23	823920.6	837886.7	3.6	7.5	53	10	10.0	0.1	0.2	0.1
A24	823927.7	837923.6	3.5	7.5	52	9	8.9	0.1	0.1	0.1
A25	823756	838085.2	4.9	7.5	62	19	18.1	0.5	0.3	0.4
A26	823040.6	838098.6	4.4	7.5	48	5	3.9	0.4	0.1	0.5
A27	823465.6	837089.9	4.5	7.5	45	2	1.8	0.0	0.0	0.0
A28	823286.6	837864.2	4.3	7.5	63	20	17.5	1.0	0.3	0.9
A29	823279.2	837826.6	4.3	7.5	62	19	17.2	1.0	0.3	0.9
A30	823293.2	837534.5	4.5	7.5	57	14	12.7	0.6	0.2	0.6
A31	823393.5	837959.7	3.9	7.5	71	28	25.5	0.8	0.5	0.9
A32	823353	837069.1	4.5	7.5	46	3	2.3	0.1	0.0	0.1
A33	823439.3	837932.1	3.9	7.5	83	40	37.1	0.8	0.7	0.9
A34	823424.5	838140.2	5.2	7.5	50	7	5.3	0.5	0.1	0.6
A35	823581.4	838166.3	5	7.5	63	20	18.5	0.7	0.3	0.7
A36	823703.1	837968.5	3.5	7.5	80	37	35.4	0.4	0.6	0.4
A1Pa	823686.4	837724.4	3	7.5	55	12	11.5	0.1	0.2	0.1
A2Pa	823545.2	837421.1	3	7.5	48	5	4.4	0.1	0.1	0.1
A3Pa	823453.6	837780.9	4	7.5	89	46	43.1	1.1	0.7	1.1
A4Pa	823304.9	837427.1	4	7.5	53	10	9.2	0.4	0.2	0.4
A5Pa	823482.3	837384.6	6.5	7.5	48	5	5.1	0.1	0.1	0.1
V01	823571.7	837355.7	3	7.5	46	3	2.9	0.1	0.0	0.0
V02	823780.1	837738.5	2.4	7.5	50	7	7.0	0.1	0.1	0.1
V03	823524.7	837232	3	7.5	45	2	2.3	0.1	0.0	0.0
V04	823384.5	837124.2	4.8	7.5	46	3	2.5	0.1	0.0	0.1
Max. RSP Level, ug/m3					**189**	**146**				
Relevant AQO Criteria, ug/m3					50	50				

Remark: * The above results have included the background level extracted from the PATH Output (year 2015). The maximum annual average RSP level from the PATH output file is used for calculating the total RSP level as the contribution from the Project has already exceeded the relevant air quality criteria (a conservative approach).

Appendix 3-5D Summary Table of Maximum Annual Average PM2.5 Level (Unmitigated Scenario)

In calculating the unmitigated level, the predicted PM2.5 level due to this Project has already exceeded the relevant air quality criteria at some of the ASRs regardless the background level (i.e. mitigation measures will be required regardless the background level), thus in calculating the total concentration of PM2.5 (i.e. background + Project contribution), the maximum annual average PM2.5 level from the PATH output file (i.e. 31 μg/m^3) is used (a conservative approach).

ASR	X	Y	Z	Height above ground	Annual Average PM2.5 (With Bkg. Level) * & **	Annual Average PM2.5 (W/o Bkg.) **	PM2.5 Concentration, μg/m^3 **			
					With Bkg. Level	=A+B+C1+C2	(A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A01	823101.1	837242.4	4.4	1.5	33	2	1.5	0.1	0.0	0.1
A01A	823124.3	837181.3	4.4	1.5	33	2	1.4	0.1	0.0	0.1
A02	823092.8	837314	4.4	1.5	33	2	1.7	0.1	0.0	0.1
A02A	823119.9	837359.1	4.4	1.5	33	2	1.9	0.1	0.0	0.1
A03	823260.8	837373.7	4.4	1.5	34	3	2.4	0.1	0.0	0.1
A04	823276.8	837456.1	4.3	1.5	35	4	3.2	0.2	0.1	0.2
A05	823287.1	837673.9	4.2	1.5	37	6	4.9	0.5	0.1	0.5
A05A	823269.6	837644.5	4.2	1.5	36	5	4.4	0.4	0.1	0.4
A05B	823308.7	837726.2	4.2	1.5	38	7	5.9	0.6	0.1	0.6
A06	823405	837870	4.2	1.5	50	19	15.9	1.3	0.3	1.3
A06A	823365.9	837883.6	4.2	1.5	44	13	10.8	1.0	0.2	1.0
A07	823788.6	837882.5	3.1	1.5	45	14	13.8	0.2	0.2	0.2
A08	823679.1	837571.7	2.3	1.5	32	1	1.3	0.0	0.0	0.0
A09	823717.3	837567	3.5	1.5	32	1	1.0	0.0	0.0	0.0
A10	823227.6	837343.9	4.4	1.5	33	2	2.2	0.1	0.0	0.1
A10A	823188.8	837327.3	4.4	1.5	33	2	2.0	0.1	0.0	0.1
A11	823382.1	837043.2	4.5	1.5	32	1	0.6	0.0	0.0	0.0
A12	823509.2	837017.6	6.5	1.5	31	0	0.4	0.0	0.0	0.0
A13	823171.4	837105	4.6	1.5	32	1	1.1	0.1	0.0	0.1
A14	823175.5	837030.5	4.4	1.5	32	1	0.9	0.0	0.0	0.0
A15	823271.8	836947.2	4.1	1.5	32	1	0.6	0.0	0.0	0.0
A16	823496	837908.2	4.2	1.5	**75**	**44**	38.1	2.4	0.7	2.5
A16A	823470.2	837871.6	4.2	1.5	65	34	29.3	2.1	0.5	2.1
A17	823500.6	838152.4	5.7	1.5	36	5	4.3	0.5	0.1	0.5
A18	823725.6	838015.9	3.5	1.5	45	14	12.4	0.5	0.2	0.5
A19	823749.5	837459.6	3.3	1.5	32	1	0.5	0.0	0.0	0.0
A20	823745.4	837355.3	4.2	1.5	31	0	0.4	0.0	0.0	0.0
A21	823713.9	837274	4.2	1.5	31	0	0.3	0.0	0.0	0.0
A22	823645.1	837066.1	3.5	1.5	31	0	0.3	0.0	0.0	0.0
A23	823920.6	837886.7	3.6	1.5	35	4	3.4	0.0	0.1	0.0
A24	823927.7	837923.6	3.5	1.5	34	3	3.1	0.0	0.1	0.1
A25	823756	838085.2	4.9	1.5	38	7	6.6	0.3	0.1	0.3
A26	823040.6	838098.6	4.4	1.5	33	2	1.3	0.2	0.0	0.2
A27	823465.6	837089.9	4.5	1.5	32	1	0.5	0.0	0.0	0.0
A28	823286.6	837864.2	4.3	1.5	38	7	6.2	0.6	0.1	0.6
A29	823279.2	837826.6	4.3	1.5	38	7	5.9	0.6	0.1	0.5
A30	823293.2	837534.5	4.5	1.5	36	5	4.1	0.2	0.1	0.2
A31	823393.5	837959.7	3.9	1.5	45	14	11.8	1.1	0.2	1.1
A32	823353	837069.1	4.5	1.5	32	1	0.7	0.0	0.0	0.0
A33	823439.3	837932.1	3.9	1.5	58	27	23.0	1.8	0.4	1.8
A34	823424.5	838140.2	5.2	1.5	34	3	1.9	0.4	0.0	0.4
A35	823581.4	838166.3	5	1.5	39	8	6.8	0.4	0.1	0.5
A36	823703.1	837968.5	3.5	1.5	55	24	22.1	0.8	0.4	0.8
A1Pa	823687.9	837719	3	1.5	37	6	5.2	0.2	0.1	0.1
A2Pa	823545.2	837421.1	3	1.5	33	2	1.4	0.0	0.0	0.0
A3Pa	823454.7	837785.1	4	1.5	65	34	29.6	1.9	0.5	1.8
A4Pa	823304.9	837427.1	4	1.5	34	3	2.9	0.1	0.1	0.2
A5Pa	823482.3	837384.6	6.5	1.5	33	2	1.6	0.1	0.0	0.0
V01	823571.7	837355.7	3	1.5	32	1	0.9	0.0	0.0	0.0
V02	823780.1	837738.5	2.4	1.5	34	3	2.6	0.1	0.0	0.1
V03	823524.7	837232	3	1.5	32	1	0.7	0.0	0.0	0.0
V04	823384.5	837124.2	4.8	1.5	32	1	0.8	0.0	0.0	0.0
A01	823101.1	837242.4	4.4	4.5	33	2	1.5	0.1	0.0	0.1
A01A	823124.3	837181.3	4.4	4.5	33	2	1.4	0.1	0.0	0.1
A02	823092.8	837314	4.4	4.5	33	2	1.7	0.1	0.0	0.1
A02A	823119.9	837359.1	4.4	4.5	33	2	1.9	0.1	0.0	0.1
A03	823260.8	837373.7	4.4	4.5	34	3	2.4	0.1	0.0	0.1
A04	823276.8	837456.1	4.3	4.5	34	3	3.1	0.2	0.1	0.2
A05	823287.1	837673.9	4.2	4.5	37	6	4.7	0.4	0.1	0.4
A05A	823269.6	837644.5	4.2	4.5	36	5	4.3	0.4	0.1	0.3
A05B	823308.7	837726.2	4.2	4.5	38	7	5.6	0.5	0.1	0.5
A06	823405	837870	4.2	4.5	47	16	13.9	0.8	0.3	0.8
A06A	823365.9	837883.6	4.2	4.5	42	11	9.8	0.6	0.2	0.6
A07	823788.6	837882.5	3.1	4.5	41	10	10.0	0.1	0.2	0.1
A08	823679.1	837571.7	2.3	4.5	32	1	1.3	0.0	0.0	0.0
A09	823717.3	837567	3.5	4.5	32	1	0.9	0.0	0.0	0.0
A10	823227.6	837343.9	4.4	4.5	33	2	2.1	0.1	0.0	0.1
A10A	823188.8	837327.3	4.4	4.5	33	2	2.0	0.1	0.0	0.1
A11	823382.1	837043.2	4.5	4.5	32	1	0.6	0.0	0.0	0.0
A12	823509.2	837017.6	6.5	4.5	31	0	0.4	0.0	0.0	0.0
A13	823171.4	837105	4.6	4.5	32	1	1.1	0.1	0.0	0.1
A14	823175.5	837030.5	4.4	4.5	32	1	0.9	0.0	0.0	0.0
A15	823271.8	836947.2	4.1	4.5	32	1	0.6	0.0	0.0	0.0
A16	823496	837908.2	4.2	4.5	58	27	24.6	0.7	0.5	0.8
A16A	823470.2	837871.6	4.2	4.5	55	24	21.7	0.8	0.4	0.8
A17	823500.6	838152.4	5.7	4.5	36	5	3.9	0.3	0.1	0.3
A18	823725.6	838015.9	3.5	4.5	43	12	10.8	0.3	0.2	0.3
A19	823749.5	837459.6	3.3	4.5	32	1	0.5	0.0	0.0	0.0
A20	823745.4	837355.3	4.2	4.5	31	0	0.3	0.0	0.0	0.0
A21	823713.9	837274	4.2	4.5	31	0	0.3	0.0	0.0	0.0
A22	823645.1	837066.1	3.5	4.5	31	0	0.3	0.0	0.0	0.0
A23	823920.6	837886.7	3.6	4.5	34	3	3.3	0.0	0.1	0.0
A24	823927.7	837923.6	3.5	4.5	34	3	2.9	0.0	0.1	0.0
A25	823756	838085.2	4.9	4.5	38	7	6.2	0.2	0.1	0.2
A26	823040.6	838098.6	4.4	4.5	33	2	1.2	0.1	0.0	0.2
A27	823465.6	837089.9	4.5	4.5	32	1	0.5	0.0	0.0	0.0
A28	823286.6	837864.2	4.3	4.5	38	7	5.8	0.5	0.1	0.4
A29	823279.2	837826.6	4.3	4.5	38	7	5.6	0.5	0.1	0.4
A30	823293.2	837534.5	4.5	4.5	36	5	4.0	0.2	0.1	0.2
A31	823393.5	837959.7	3.9	4.5	42	11	10.0	0.6	0.2	0.6

ASR	X	Y	Z	Height above ground	Annual Average PM2.5 (With Bkg. Level) * & ** With Bkg. Level	Annual Average PM2.5 (W/o Bkg.) ** =A+B+C1+C2	PM2.5 Concentration, µg/m^3 ** (A) Workdays (day-time)	(B) Workdays (Night-time)	(C1) Holidays (Day-time)	(C2) Holidays (Night-time)
A32	823353	837069.1	4.5	4.5	32	1	0.7	0.0	0.0	0.0
A33	823439.3	837932.1	3.9	4.5	50	19	17.0	0.7	0.3	0.8
A34	823424.5	838140.2	5.2	4.5	33	2	1.8	0.3	0.0	0.3
A35	823581.4	838166.3	5	4.5	38	7	6.4	0.3	0.1	0.3
A36	823703.1	837968.5	3.5	4.5	48	17	16.3	0.3	0.3	0.3
A1Pa	823687.9	837719	3	4.5	36	5	4.5	0.1	0.1	0.1
A2Pa	823545.2	837421.1	3	4.5	32	1	1.4	0.0	0.0	0.0
A3Pa	823454.7	837785.1	4	4.5	52	21	19.2	0.8	0.3	0.8
A4Pa	823304.9	837427.1	4	4.5	34	3	2.9	0.1	0.1	0.1
A5Pa	823482.3	837384.6	6.5	4.5	33	2	1.6	0.1	0.0	0.0
V01	823571.7	837355.7	3	4.5	32	1	0.9	0.0	0.0	0.0
V02	823780.1	837738.5	2.4	4.5	34	3	2.4	0.0	0.0	0.0
V03	823524.7	837232	3	4.5	32	1	0.7	0.0	0.0	0.0
V04	823384.5	837124.2	4.8	4.5	32	1	0.8	0.0	0.0	0.0
A01	823101.1	837242.4	4.4	7.5	33	2	1.5	0.1	0.0	0.1
A01A	823124.3	837181.3	4.4	7.5	33	2	1.4	0.1	0.0	0.1
A02	823092.8	837314	4.4	7.5	33	2	1.6	0.1	0.0	0.1
A02A	823119.9	837359.1	4.4	7.5	33	2	1.8	0.1	0.0	0.1
A03	823260.8	837373.7	4.4	7.5	34	3	2.3	0.1	0.0	0.1
A04	823276.8	837456.1	4.3	7.5	34	3	3.0	0.1	0.1	0.2
A05	823287.1	837673.9	4.2	7.5	36	5	4.4	0.3	0.1	0.3
A05A	823269.6	837644.5	4.2	7.5	36	5	4.0	0.3	0.1	0.3
A05B	823308.7	837726.2	4.2	7.5	37	6	5.1	0.3	0.1	0.3
A06	823405	837870	4.2	7.5	43	12	10.9	0.3	0.2	0.3
A06A	823365.9	837883.6	4.2	7.5	40	9	8.3	0.3	0.2	0.3
A07	823788.6	837882.5	3.1	7.5	38	7	6.8	0.0	0.1	0.0
A08	823679.1	837571.7	2.3	7.5	32	1	1.2	0.0	0.0	0.0
A09	823717.3	837567	3.5	7.5	32	1	0.9	0.0	0.0	0.0
A10	823227.6	837343.9	4.4	7.5	33	2	2.1	0.1	0.0	0.1
A10A	823188.8	837327.3	4.4	7.5	33	2	1.9	0.1	0.0	0.1
A11	823382.1	837043.2	4.5	7.5	32	1	0.6	0.0	0.0	0.0
A12	823509.2	837017.6	6.5	7.5	31	0	0.4	0.0	0.0	0.0
A13	823171.4	837105	4.6	7.5	32	1	1.1	0.0	0.0	0.0
A14	823175.5	837030.5	4.4	7.5	32	1	0.9	0.0	0.0	0.0
A15	823271.8	836947.2	4.1	7.5	32	1	0.6	0.0	0.0	0.0
A16	823496	837908.2	4.2	7.5	46	15	14.1	0.2	0.2	0.2
A16A	823470.2	837871.6	4.2	7.5	46	15	14.2	0.2	0.2	0.3
A17	823500.6	838152.4	5.7	7.5	35	4	3.3	0.2	0.1	0.2
A18	823725.6	838015.9	3.5	7.5	40	9	8.5	0.2	0.2	0.2
A19	823749.5	837459.6	3.3	7.5	31	0	0.5	0.0	0.0	0.0
A20	823745.4	837355.3	4.2	7.5	31	0	0.3	0.0	0.0	0.0
A21	823713.9	837274	4.2	7.5	31	0	0.3	0.0	0.0	0.0
A22	823645.1	837066.1	3.5	7.5	31	0	0.3	0.0	0.0	0.0
A23	823920.6	837886.7	3.6	7.5	34	3	3.0	0.0	0.1	0.0
A24	823927.7	837923.6	3.5	7.5	34	3	2.7	0.0	0.0	0.0
A25	823756	838085.2	4.9	7.5	37	6	5.4	0.2	0.1	0.1
A26	823040.6	838098.6	4.4	7.5	32	1	1.2	0.1	0.0	0.2
A27	823465.6	837089.9	4.5	7.5	32	1	0.5	0.0	0.0	0.0
A28	823286.6	837864.2	4.3	7.5	37	6	5.3	0.3	0.1	0.3
A29	823279.2	837826.6	4.3	7.5	37	6	5.2	0.3	0.1	0.3
A30	823293.2	837534.5	4.5	7.5	35	4	3.8	0.2	0.1	0.2
A31	823393.5	837959.7	3.9	7.5	39	8	7.7	0.2	0.2	0.3
A32	823353	837069.1	4.5	7.5	32	1	0.7	0.0	0.0	0.0
A33	823439.3	837932.1	3.9	7.5	43	12	11.1	0.2	0.2	0.3
A34	823424.5	838140.2	5.2	7.5	33	2	1.6	0.2	0.0	0.2
A35	823581.4	838166.3	5	7.5	37	6	5.6	0.2	0.1	0.2
A36	823703.1	837968.5	3.5	7.5	42	11	10.6	0.1	0.2	0.1
A1Pa	823686.4	837724.4	3	7.5	35	4	3.5	0.0	0.1	0.0
A2Pa	823545.2	837421.1	3	7.5	32	1	1.3	0.0	0.0	0.0
A3Pa	823453.6	837780.9	4	7.5	45	14	12.9	0.3	0.2	0.3
A4Pa	823304.9	837427.1	4	7.5	34	3	2.8	0.1	0.1	0.1
A5Pa	823482.3	837384.6	6.5	7.5	33	2	1.5	0.0	0.0	0.0
V01	823571.7	837355.7	3	7.5	32	1	0.9	0.0	0.0	0.0
V02	823780.1	837738.5	2.4	7.5	33	2	2.1	0.0	0.0	0.0
V03	823524.7	837232	3	7.5	32	1	0.7	0.0	0.0	0.0
V04	823384.5	837124.2	4.8	7.5	32	1	0.8	0.0	0.0	0.0
Max. PM2.5 Level, ug/m3					**75**	**44**				
Relevant AQO Criteria, ug/m3					35	35				

Remark: * The above results have included the background level extracted from the PATH Output (year 2015). The maximum annual average PM2.5 level from the PATH output file is used for calculating the total PM2.5 level as the contribution from the Project has already exceeded the relevant air quality criteria (a conservative approach).

** The PM2.5 concentrations are calculated based on the predicted RSP concentrations by applying a PM2.5/RSP ratio of 0.3 according to the USEPA AP-42 reference document. Please refer to Appendix 3-10 for the justification of PM2.5/RSP ratio.