

Appendix 3.7

**Results of the Pollutant
Concentrations for Discrete
ASRs**

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Cumulative Hourly NO ₂ Concentration (µg/ m ³)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SH-1	7.5	0	282.5	78.6	27.8%	0.00	0.00%	203.9	72.2%
SH-5	19.5	0	257.6	19.8	7.7%	0.00	0.00%	237.8	92.3%
SH-10	34.5	0	245.3	2.3	0.9%	0.00	0.00%	243.0	99.1%
OC-1	12	0	255.2	11.7	4.6%	0.00	0.00%	243.5	95.4%
FR-1	28	0	256.7	18.9	7.4%	0.00	0.00%	237.8	92.6%
FR-5	40	0	246.3	3.3	1.3%	0.00	0.00%	243.0	98.7%
FR-10	55	0	244.4	1.4	0.6%	0.00	0.00%	243.0	99.4%
FR-20	85	0	243.6	0.1	0.0%	0.00	0.00%	243.5	100.0%
FR-30	115	0	243.5	0.0	0.0%	0.00	0.00%	243.5	100.0%
THV-1	2	0	262.4	58.5	22.3%	0.00	0.00%	203.9	77.7%
PAV-1	25	0	258.2	20.3	7.9%	0.01	0.00%	237.8	92.1%
PAV-5	37	0	247.6	4.6	1.8%	0.00	0.00%	243.0	98.2%
PAV-10	52	0	245.4	2.4	1.0%	0.00	0.00%	243.0	99.0%
PAV-20	82	0	243.9	0.4	0.1%	0.00	0.00%	243.5	99.9%
PAV-30	112	0	243.6	0.1	0.0%	0.00	0.00%	243.5	100.0%
PAV-40	142	0	243.8	0.3	0.1%	0.00	0.00%	243.5	99.9%
OLP-1	12	1	301.9	98.0	32.4%	0.05	0.01%	203.9	67.5%
CG-1	5.5	0	294.7	90.8	30.8%	0.05	0.02%	203.9	69.2%
CG-5	17.5	0	266.9	62.9	23.6%	0.04	0.01%	203.9	76.4%
CG-10	32.5	0	248.4	10.5	4.2%	0.01	0.00%	237.8	95.8%
CG-20	62.5	0	244.7	1.2	0.5%	0.00	0.00%	243.5	99.5%
LKPC-1	1.5	0	280.6	76.7	27.3%	0.05	0.02%	203.9	72.7%
LKPC-5	13.5	0	266.2	62.3	23.4%	0.05	0.02%	203.9	76.6%
IRC-1	1.5	1	301.6	97.7	32.4%	0.06	0.02%	203.9	67.6%
YCS-1	1.5	0	288.1	84.1	29.2%	0.08	0.03%	203.9	70.8%
YCS-5	13.5	0	274.2	70.3	25.6%	0.06	0.02%	203.9	74.4%
WG-1	1.5	1	304.9	100.9	33.1%	0.11	0.04%	203.9	66.9%
WG-5	13.5	0	274.0	70.1	25.6%	0.04	0.01%	203.9	74.4%
WG-10	28.5	0	258.6	15.1	5.8%	0.00	0.00%	243.5	94.2%
WG-20	58.5	0	252.4	8.9	3.5%	0.00	0.00%	243.5	96.5%
YMT-1	5	0	257.4	19.6	7.6%	0.00	0.00%	237.8	92.4%
HKCC-1	17	0	277.3	73.4	26.5%	0.04	0.01%	203.9	73.5%
HKCC-5	29	0	252.7	14.9	5.9%	0.00	0.00%	237.8	94.1%
HKCC-10	44	0	246.2	3.2	1.3%	0.00	0.00%	243.0	98.7%
PS-1	1.5	0	279.5	75.6	27.0%	0.05	0.02%	203.9	72.9%
PS-5	13.5	0	271.3	67.3	24.8%	0.05	0.02%	203.9	75.2%
PG-1	5	1	309.1	104.0	33.6%	1.20	0.39%	203.9	66.0%
PG-5	17	1	305.0	100.0	32.8%	1.11	0.36%	203.9	66.8%
PG-10	32	0	277.4	72.6	26.2%	0.89	0.32%	203.9	73.5%
PG-20	62	0	251.7	13.8	5.5%	0.08	0.03%	237.8	94.5%
CAS-1	7.5	1	308.3	77.8	25.2%	0.00	0.00%	230.5	74.8%
CAS-5	19.5	0	284.5	54.0	19.0%	0.00	0.00%	230.5	81.0%
HT-1	1.5	1	313.6	82.9	26.4%	0.26	0.08%	230.5	73.5%
HT-5	13.5	1	309.9	79.2	25.6%	0.18	0.06%	230.5	74.4%
HT-10	28.5	0	278.6	48.0	17.2%	0.05	0.02%	230.5	82.7%
SRT-1	39.7	0	273.1	0.5	0.2%	0.07	0.02%	272.5	99.8%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Cumulative Hourly NO ₂ Concentration (µg/ m ³)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution	The Project Contribution		Background Contribution		
SRT-5	51.7	0	272.9	0.4	0.2%	0.01	0.00%	272.5	99.8%
SRT-10	66.7	0	272.8	0.3	0.1%	0.00	0.00%	272.5	99.9%
SRT-20	96.7	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
SRT-30	126.7	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
SRT-40	156.7	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
SRT-50	186.7	0	272.8	0.3	0.1%	0.00	0.00%	272.5	99.9%
SRT-60	216.7	0	273.2	0.6	0.2%	0.03	0.01%	272.5	99.8%
YTB-1	7.5	0	277.7	5.2	1.9%	0.00	0.00%	272.5	98.1%
YTB-5	19.5	0	274.7	2.2	0.8%	0.00	0.00%	272.5	99.2%
YTB-10	34.5	0	274.1	1.6	0.6%	0.00	0.00%	272.5	99.4%
CLS-1	62.3	0	273.1	0.6	0.2%	0.00	0.00%	272.5	99.8%
CLS-5	74.3	0	272.9	0.4	0.2%	0.00	0.00%	272.5	99.8%
CLS-10	89.3	0	272.7	0.2	0.1%	0.00	0.00%	272.5	99.9%
CLS-20	119.3	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
CLS-30	149.3	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
CLS-40	179.3	0	272.9	0.4	0.1%	0.00	0.00%	272.5	99.9%
CLS-50	209.3	0	273.4	0.9	0.3%	0.00	0.00%	272.5	99.7%
ASC-1	10	0	275.1	2.6	0.9%	0.00	0.00%	272.5	99.1%
ASC-5	22	0	274.3	1.8	0.7%	0.00	0.00%	272.5	99.3%
ASC-10	37	0	273.7	1.2	0.4%	0.00	0.00%	272.5	99.6%
ASC-20	67	0	273.2	0.7	0.3%	0.00	0.00%	272.5	99.7%
ICC-1	35	0	275.7	3.2	1.2%	0.00	0.00%	272.5	98.8%
ICC-5	47	0	274.1	1.6	0.6%	0.00	0.00%	272.5	99.4%
ICC-10	62	0	273.2	0.7	0.3%	0.00	0.00%	272.5	99.7%
ICC-20	92	0	272.9	0.4	0.2%	0.00	0.00%	272.5	99.8%
ICC-30	122	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
ICC-40	152	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
ICC-50	182	0	272.9	0.4	0.2%	0.00	0.00%	272.5	99.8%
ICC-60	212	0	273.7	1.2	0.4%	0.00	0.00%	272.5	99.6%
ICC-70	242	0	274.7	2.2	0.8%	0.00	0.00%	272.5	99.2%
ICC-80	272	0	273.4	0.9	0.3%	0.00	0.00%	272.5	99.7%
ICC-90	302	0	272.9	0.4	0.1%	0.00	0.00%	272.5	99.9%
ICC-100	332	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
ICC-110	362	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
GB-1	5.5	0	294.1	63.6	21.6%	0.00	0.00%	230.5	78.4%
GB-5	17.5	0	275.5	3.0	1.1%	0.00	0.00%	272.5	98.9%
GB-10	32.5	0	274.5	2.0	0.7%	0.00	0.00%	272.5	99.3%
ASD-1	10	0	288.1	57.6	20.0%	0.00	0.00%	230.5	80.0%
ASD-5	22	0	274.7	2.2	0.8%	0.00	0.00%	272.5	99.2%
ASD-10	37	0	274.2	1.7	0.6%	0.00	0.00%	272.5	99.4%
ASD-20	67	0	273.4	0.9	0.3%	0.00	0.00%	272.5	99.7%
ASD-30	97	0	273.1	0.6	0.2%	0.00	0.00%	272.5	99.8%
VT-1	43	0	275.1	2.6	0.9%	0.00	0.00%	272.5	99.1%
VT-5	55	0	274.5	2.0	0.7%	0.00	0.00%	272.5	99.3%
VT-10	70	0	273.9	1.4	0.5%	0.00	0.00%	272.5	99.5%
VT-20	100	0	273.2	0.7	0.3%	0.00	0.00%	272.5	99.7%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Cumulative Hourly NO ₂ Concentration (µg/ m ³)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution	The Project Contribution		Background Contribution		
VT-30	130	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
VT-40	160	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
VT-50	190	0	272.5	0.0	0.0%	0.00	0.00%	272.5	100.0%
WK1-1	4	0	275.7	3.2	1.1%	0.00	0.00%	272.5	98.9%
WK1-5	16	0	275.2	2.7	1.0%	0.00	0.00%	272.5	99.0%
WK1-10	31	0	274.3	1.8	0.7%	0.00	0.00%	272.5	99.3%
WK2-1	4	0	274.9	2.4	0.9%	0.00	0.00%	272.5	99.1%
WK2-5	16	0	274.7	2.2	0.8%	0.00	0.00%	272.5	99.2%
WK3-1	4	0	273.5	1.0	0.4%	0.00	0.00%	272.5	99.6%
WK3-5	16	0	273.4	0.9	0.3%	0.00	0.00%	272.5	99.7%
WK3-10	31	0	273.3	0.8	0.3%	0.00	0.00%	272.5	99.7%
WK3-20	61	0	273.0	0.5	0.2%	0.00	0.00%	272.5	99.8%
WK4-1	4	0	274.5	2.0	0.7%	0.00	0.00%	272.5	99.3%
WK4-5	16	0	274.3	1.8	0.7%	0.00	0.00%	272.5	99.3%
WK4-10	31	0	274.0	1.5	0.5%	0.00	0.00%	272.5	99.5%
FSDO-1	20.2	0	277.1	4.6	1.7%	0.00	0.00%	272.5	98.3%
FSDO-5	32.2	0	276.2	3.7	1.3%	0.00	0.00%	272.5	98.7%
LCMS-1	6.2	1	313.3	82.8	26.4%	0.00	0.00%	230.5	73.6%
LCMS-5	18.2	0	277.3	4.8	1.7%	0.00	0.00%	272.5	98.3%
CRGPS-1	5.5	1	305.6	75.1	24.6%	0.00	0.00%	230.5	75.4%
CRGPS-5	17.5	0	280.1	49.6	17.7%	0.00	0.00%	230.5	82.3%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Daily Average NO ₂ Concentration (µg/ m ³)							
		No.of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SH-1	7.5	0	118.2	19.1	16.2%	0.00	0.00%	107.8	91.2%
SH-5	19.5	0	114.8	13.3	11.6%	0.00	0.00%	107.8	93.9%
SH-10	34.5	0	113.4	5.9	5.2%	0.00	0.00%	107.8	95.1%
OC-1	12	0	113.0	24.9	22.0%	0.00	0.00%	107.8	95.4%
FR-1	28	0	140.8	13.3	9.5%	0.00	0.00%	107.8	76.5%
FR-5	40	0	133.9	8.3	6.2%	0.00	0.00%	107.8	80.5%
FR-10	55	0	128.7	4.8	3.8%	0.00	0.00%	107.8	83.8%
FR-20	85	0	137.7	2.2	1.6%	0.00	0.00%	107.8	78.3%
FR-30	115	0	132.1	1.6	1.2%	0.00	0.00%	107.8	81.6%
THV-1	2	0	127.4	27.5	21.6%	0.00	0.00%	107.8	84.6%
PAV-1	25	0	121.7	18.6	15.3%	0.00	0.00%	107.8	88.6%
PAV-5	37	0	118.8	12.1	10.2%	0.00	0.00%	107.8	90.7%
PAV-10	52	0	125.2	7.4	5.9%	0.00	0.00%	107.8	86.1%
PAV-20	82	0	123.3	3.7	3.0%	0.00	0.00%	107.8	87.4%
PAV-30	112	0	121.5	2.6	2.2%	0.00	0.00%	107.8	88.7%
PAV-40	142	0	118.8	1.3	1.1%	0.00	0.00%	107.8	90.8%
OLP-1	12	0	115.8	25.9	22.4%	0.01	0.01%	107.8	93.1%
CG-1	5.5	0	115.5	20.6	17.9%	0.01	0.01%	107.8	93.3%
CG-5	17.5	0	116.6	17.6	15.1%	0.01	0.01%	107.8	92.4%
CG-10	32.5	0	140.3	13.2	9.4%	0.01	0.00%	107.8	76.8%
CG-20	62.5	0	137.3	7.6	5.6%	0.00	0.00%	107.8	78.5%
LKPC-1	1.5	0	132.1	18.0	13.7%	0.01	0.01%	107.8	81.6%
LKPC-5	13.5	0	136.4	16.5	12.1%	0.01	0.01%	107.8	79.0%
IRC-1	1.5	0	132.2	26.1	19.8%	0.01	0.01%	107.8	81.6%
YCS-1	1.5	0	133.5	16.7	12.5%	0.01	0.01%	107.8	80.7%
YCS-5	13.5	0	131.4	15.1	11.5%	0.01	0.01%	107.8	82.0%
WG-1	1.5	0	128.1	31.3	24.4%	0.02	0.01%	107.8	84.1%
WG-5	13.5	0	122.8	21.7	17.7%	0.01	0.01%	107.8	87.8%
WG-10	28.5	0	134.0	15.2	11.3%	0.01	0.01%	107.8	80.5%
WG-20	58.5	0	130.6	9.2	7.0%	0.01	0.00%	107.8	82.5%
YMT-1	5	0	126.6	30.5	24.1%	0.06	0.05%	107.8	85.1%
HKCC-1	17	0	129.7	14.5	11.2%	0.03	0.02%	107.8	83.1%
HKCC-5	29	0	126.7	11.0	8.7%	0.02	0.02%	107.8	85.1%
HKCC-10	44	0	140.8	8.8	6.3%	0.02	0.02%	107.8	76.6%
PS-1	1.5	0	130.5	26.6	20.4%	0.04	0.03%	107.8	82.6%
PS-5	13.5	0	140.8	24.6	17.5%	0.04	0.03%	107.8	76.6%
PG-1	5	0	130.8	16.6	12.7%	0.03	0.03%	107.8	82.4%
PG-5	17	0	122.9	15.2	12.3%	0.03	0.03%	107.8	87.7%
PG-10	32	0	119.6	11.8	9.9%	0.03	0.03%	107.8	90.1%
PG-20	62	0	116.5	8.7	7.5%	0.03	0.02%	107.8	92.5%
CAS-1	7.5	0	145.2	26.3	18.1%	0.02	0.01%	111.5	76.8%
CAS-5	19.5	0	138.5	19.6	14.1%	0.01	0.01%	111.5	80.5%
HT-1	1.5	0	148.8	29.9	20.1%	0.04	0.03%	111.5	74.9%
HT-5	13.5	0	142.9	24.0	16.8%	0.03	0.02%	111.5	78.0%
HT-10	28.5	0	135.1	16.1	12.0%	0.02	0.01%	111.5	82.5%
SRT-1	39.7	0	133.1	14.3	10.7%	0.09	0.07%	111.5	83.7%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Daily Average NO ₂ Concentration (µg/ m ³)							
		No.of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SRT-5	51.7	0	130.5	11.6	8.9%	0.02	0.01%	111.5	85.4%
SRT-10	66.7	0	128.4	9.5	7.4%	0.01	0.00%	111.5	86.8%
SRT-20	96.7	0	126.0	7.1	5.6%	0.00	0.00%	111.5	88.4%
SRT-30	126.7	0	123.4	4.5	3.6%	0.00	0.00%	111.5	90.3%
SRT-40	156.7	0	122.6	3.7	3.0%	0.00	0.00%	111.5	90.9%
SRT-50	186.7	0	123.2	4.3	3.5%	0.01	0.00%	111.5	90.5%
SRT-60	216.7	0	126.5	7.6	6.0%	0.03	0.02%	111.5	88.1%
YTB-1	7.5	0	146.0	27.1	18.6%	0.05	0.04%	111.5	76.3%
YTB-5	19.5	0	141.8	22.9	16.1%	0.05	0.04%	111.5	78.6%
YTB-10	34.5	0	136.7	17.8	13.0%	0.05	0.04%	111.5	81.5%
CLS-1	62.3	0	129.1	10.2	7.9%	0.09	0.07%	111.5	86.3%
CLS-5	74.3	0	127.6	8.7	6.8%	0.03	0.03%	111.5	87.3%
CLS-10	89.3	0	126.2	7.3	5.8%	0.01	0.01%	111.5	88.3%
CLS-20	119.3	0	123.9	5.0	4.0%	0.00	0.00%	111.5	89.9%
CLS-30	149.3	0	123.0	4.1	3.3%	0.00	0.00%	111.5	90.6%
CLS-40	179.3	0	123.4	4.5	3.6%	0.04	0.03%	111.5	90.3%
CLS-50	209.3	0	126.3	7.8	6.2%	0.42	0.34%	111.5	88.2%
ASC-1	10	0	143.8	25.0	17.3%	0.07	0.05%	111.5	77.5%
ASC-5	22	0	139.0	20.1	14.5%	0.06	0.05%	111.5	80.2%
ASC-10	37	0	134.8	15.9	11.8%	0.06	0.04%	111.5	82.7%
ASC-20	67	0	129.7	10.8	8.3%	0.05	0.04%	111.5	86.0%
ICC-1	35	0	136.2	17.8	13.1%	0.57	0.42%	111.5	81.8%
ICC-5	47	0	132.5	14.0	10.5%	0.38	0.29%	111.5	84.1%
ICC-10	62	0	129.6	10.9	8.4%	0.21	0.16%	111.5	86.0%
ICC-20	92	0	126.5	7.6	6.0%	0.04	0.03%	111.5	88.1%
ICC-30	122	0	123.8	4.8	3.9%	0.01	0.01%	111.5	90.0%
ICC-40	152	0	123.1	4.2	3.4%	0.02	0.02%	111.5	90.5%
ICC-50	182	0	123.7	4.8	3.9%	0.13	0.10%	111.5	90.1%
ICC-60	212	0	127.1	8.5	6.7%	0.40	0.32%	111.5	87.7%
ICC-70	242	0	130.0	11.6	8.9%	0.55	0.42%	111.5	85.7%
ICC-80	272	0	125.7	7.2	5.7%	0.40	0.32%	111.5	88.6%
ICC-90	302	0	122.2	3.4	2.8%	0.12	0.10%	111.5	91.2%
ICC-100	332	0	120.9	1.9	1.6%	0.02	0.02%	111.5	92.2%
ICC-110	362	0	120.5	1.5	1.3%	0.00	0.00%	111.5	92.5%
GB-1	5.5	0	148.3	29.4	19.8%	0.03	0.02%	111.5	75.2%
GB-5	17.5	0	141.4	22.5	15.9%	0.03	0.02%	111.5	78.8%
GB-10	32.5	0	136.2	17.3	12.7%	0.03	0.02%	111.5	81.8%
ASD-1	10	0	145.2	26.3	18.1%	0.03	0.02%	111.5	76.8%
ASD-5	22	0	139.6	20.7	14.8%	0.03	0.02%	111.5	79.8%
ASD-10	37	0	134.9	16.0	11.8%	0.03	0.02%	111.5	82.6%
ASD-20	67	0	129.2	10.3	8.0%	0.03	0.02%	111.5	86.3%
ASD-30	97	0	126.3	7.4	5.8%	0.02	0.02%	111.5	88.3%
VT-1	43	0	132.7	13.8	10.4%	0.02	0.01%	111.5	84.0%
VT-5	55	0	130.8	11.9	9.1%	0.02	0.01%	111.5	85.2%
VT-10	70	0	129.0	10.1	7.8%	0.02	0.01%	111.5	86.4%
VT-20	100	0	126.3	7.3	5.8%	0.02	0.01%	111.5	88.3%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Daily Average NO ₂ Concentration (µg/ m ³)							
		No.of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
VT-30	130	0	123.2	4.3	3.5%	0.01	0.01%	111.5	90.4%
VT-40	160	0	123.0	4.1	3.3%	0.01	0.01%	111.5	90.6%
VT-50	190	0	124.1	5.2	4.2%	0.02	0.01%	111.5	89.8%
WK1-1	4	0	147.8	29.4	19.9%	0.53	0.36%	111.5	75.4%
WK1-5	16	0	144.8	26.4	18.2%	0.50	0.34%	111.5	77.0%
WK1-10	31	0	139.6	21.1	15.1%	0.42	0.30%	111.5	79.8%
WK2-1	4	0	143.8	24.9	17.3%	0.02	0.01%	111.5	77.5%
WK2-5	16	0	139.7	20.7	14.8%	0.02	0.01%	111.5	79.8%
WK3-1	4	0	141.0	22.3	15.8%	0.24	0.17%	111.5	79.0%
WK3-5	16	0	138.9	20.2	14.5%	0.23	0.16%	111.5	80.3%
WK3-10	31	0	135.6	16.8	12.4%	0.20	0.15%	111.5	82.2%
WK3-20	61	0	130.3	11.5	8.8%	0.13	0.10%	111.5	85.5%
WK4-1	4	0	141.5	22.5	15.9%	0.02	0.01%	111.5	78.8%
WK4-5	16	0	138.1	19.2	13.9%	0.02	0.01%	111.5	80.7%
WK4-10	31	0	134.1	15.2	11.3%	0.02	0.01%	111.5	83.1%
FSDO-1	20.2	0	137.2	18.3	13.3%	0.01	0.01%	111.5	81.2%
FSDO-5	32.2	0	134.2	15.2	11.4%	0.01	0.01%	111.5	83.1%
LCMS-1	6.2	0	148.2	29.3	19.8%	0.01	0.01%	111.5	75.2%
LCMS-5	18.2	0	137.9	19.0	13.8%	0.01	0.01%	111.5	80.8%
CRGPS-1	5.5	0	148.2	29.3	19.8%	0.01	0.01%	111.5	75.2%
CRGPS-5	17.5	0	138.3	19.4	14.0%	0.01	0.01%	111.5	80.6%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Annual Average NO ₂ Concentration (µg/ m ³)							
		No.of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SH-1	7.5	0	65.7	23.8	36.2%	0.01	0.02%	41.9	63.7%
SH-5	19.5	0	59.7	17.8	29.9%	0.01	0.02%	41.9	70.1%
SH-10	34.5	0	53.2	11.4	21.4%	0.01	0.02%	41.9	78.6%
OC-1	12	0	68.4	26.6	38.8%	0.01	0.01%	41.9	61.1%
FR-1	28	0	56.9	15.0	26.4%	0.01	0.02%	41.9	73.6%
FR-5	40	0	52.0	10.1	19.5%	0.01	0.02%	41.9	80.5%
FR-10	55	0	48.6	6.8	13.9%	0.01	0.02%	41.9	86.1%
FR-20	85	0	46.0	4.1	9.0%	0.01	0.01%	41.9	91.0%
FR-30	115	0	45.1	3.2	7.1%	0.00	0.01%	41.9	92.9%
THV-1	2	0	75.4	33.6	44.5%	0.01	0.02%	41.9	55.5%
PAV-1	25	0	56.4	14.5	25.8%	0.02	0.03%	41.9	74.2%
PAV-5	37	0	52.3	10.4	20.0%	0.02	0.03%	41.9	80.0%
PAV-10	52	0	49.2	7.3	14.9%	0.01	0.02%	41.9	85.1%
PAV-20	82	0	46.5	4.6	10.0%	0.01	0.02%	41.9	90.0%
PAV-30	112	0	45.4	3.6	7.8%	0.01	0.01%	41.9	92.2%
PAV-40	142	0	44.3	2.5	5.6%	0.00	0.01%	41.9	94.4%
OLP-1	12	0	60.2	18.3	30.4%	0.03	0.05%	41.9	69.6%
CG-1	5.5	0	59.4	17.5	29.5%	0.03	0.05%	41.9	70.5%
CG-5	17.5	0	57.5	15.6	27.1%	0.03	0.04%	41.9	72.8%
CG-10	32.5	0	54.2	12.3	22.7%	0.02	0.04%	41.9	77.3%
CG-20	62.5	0	49.1	7.2	14.7%	0.01	0.03%	41.9	85.3%
LKPC-1	1.5	0	59.8	17.9	30.0%	0.03	0.05%	41.9	70.0%
LKPC-5	13.5	0	58.3	16.5	28.2%	0.03	0.04%	41.9	71.7%
IRC-1	1.5	0	63.2	21.3	33.7%	0.04	0.06%	41.9	66.3%
YCS-1	1.5	0	61.5	19.6	31.9%	0.03	0.05%	41.9	68.1%
YCS-5	13.5	0	59.5	17.7	29.7%	0.03	0.04%	41.9	70.3%
WG-1	1.5	0	70.4	28.5	40.5%	0.04	0.06%	41.9	59.5%
WG-5	13.5	0	63.4	21.5	33.9%	0.03	0.05%	41.9	66.0%
WG-10	28.5	0	57.8	16.0	27.6%	0.03	0.05%	41.9	72.4%
WG-20	58.5	0	50.6	8.7	17.3%	0.02	0.03%	41.9	82.7%
YMT-1	5	0	73.3	31.4	42.8%	0.08	0.11%	41.9	57.1%
HKCC-1	17	0	64.4	22.5	35.0%	0.02	0.04%	41.9	65.0%
HKCC-5	29	0	57.6	15.7	27.3%	0.02	0.04%	41.9	72.7%
HKCC-10	44	0	52.6	10.7	20.4%	0.02	0.03%	41.9	79.6%
PS-1	1.5	0	61.7	19.8	32.1%	0.03	0.05%	41.9	67.8%
PS-5	13.5	0	60.3	18.4	30.5%	0.03	0.05%	41.9	69.4%
PG-1	5	0	64.3	22.4	34.8%	0.03	0.05%	41.9	65.1%
PG-5	17	0	61.0	19.2	31.4%	0.03	0.05%	41.9	68.6%
PG-10	32	0	56.7	14.9	26.2%	0.03	0.05%	41.9	73.8%
PG-20	62	0	50.2	8.4	16.7%	0.02	0.04%	41.9	83.3%
CAS-1	7.5	0	66.3	27.0	40.7%	0.08	0.13%	39.2	59.1%
CAS-5	19.5	0	61.3	22.0	35.9%	0.07	0.12%	39.2	64.0%
HT-1	1.5	0	67.1	27.7	41.3%	0.16	0.24%	39.2	58.5%
HT-5	13.5	0	64.0	24.6	38.5%	0.13	0.21%	39.2	61.3%
HT-10	28.5	0	57.8	18.5	32.1%	0.07	0.13%	39.2	67.8%
SRT-1	39.7	0	55.0	15.7	28.6%	0.03	0.06%	39.2	71.3%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Annual Average NO ₂ Concentration (µg/ m ³)							
		No.of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SRT-5	51.7	0	51.8	12.6	24.3%	0.01	0.02%	39.2	75.7%
SRT-10	66.7	0	48.9	9.7	19.8%	0.00	0.01%	39.2	80.2%
SRT-20	96.7	0	45.4	6.2	13.6%	0.00	0.00%	39.2	86.4%
SRT-30	126.7	0	42.9	3.7	8.5%	0.00	0.00%	39.2	91.5%
SRT-40	156.7	0	42.6	3.3	7.9%	0.00	0.00%	39.2	92.1%
SRT-50	186.7	0	43.5	4.3	9.9%	0.00	0.00%	39.2	90.1%
SRT-60	216.7	0	46.5	7.3	15.7%	0.01	0.02%	39.2	84.3%
YTB-1	7.5	0	69.9	30.7	43.9%	0.02	0.03%	39.2	56.1%
YTB-5	19.5	0	62.7	23.5	37.4%	0.02	0.03%	39.2	62.5%
YTB-10	34.5	0	56.0	16.7	29.9%	0.02	0.03%	39.2	70.1%
CLS-1	62.3	0	50.1	10.9	21.8%	0.01	0.02%	39.2	78.2%
CLS-5	74.3	0	48.4	9.1	18.9%	0.00	0.01%	39.2	81.1%
CLS-10	89.3	0	46.7	7.4	16.0%	0.00	0.00%	39.2	84.0%
CLS-20	119.3	0	43.7	4.5	10.2%	0.00	0.00%	39.2	89.8%
CLS-30	149.3	0	42.9	3.7	8.7%	0.00	0.00%	39.2	91.3%
CLS-40	179.3	0	43.6	4.4	10.0%	0.00	0.00%	39.2	90.0%
CLS-50	209.3	0	46.1	6.9	15.0%	0.02	0.03%	39.2	85.0%
ASC-1	10	0	69.6	30.4	43.7%	0.02	0.03%	39.2	56.3%
ASC-5	22	0	61.6	22.3	36.3%	0.02	0.03%	39.2	63.7%
ASC-10	37	0	54.8	15.6	28.4%	0.01	0.03%	39.2	71.5%
ASC-20	67	0	47.6	8.4	17.6%	0.01	0.02%	39.2	82.4%
ICC-1	35	0	55.7	16.4	29.5%	0.05	0.09%	39.2	70.4%
ICC-5	47	0	53.2	14.0	26.2%	0.03	0.06%	39.2	73.7%
ICC-10	62	0	50.6	11.4	22.5%	0.02	0.04%	39.2	77.4%
ICC-20	92	0	47.1	7.8	16.7%	0.00	0.01%	39.2	83.3%
ICC-30	122	0	44.0	4.8	10.8%	0.00	0.00%	39.2	89.2%
ICC-40	152	0	43.3	4.1	9.5%	0.00	0.00%	39.2	90.5%
ICC-50	182	0	44.1	4.8	11.0%	0.00	0.01%	39.2	89.0%
ICC-60	212	0	46.4	7.2	15.4%	0.02	0.04%	39.2	84.5%
ICC-70	242	0	48.1	8.9	18.4%	0.03	0.07%	39.2	81.5%
ICC-80	272	0	46.9	7.6	16.3%	0.02	0.05%	39.2	83.6%
ICC-90	302	0	44.8	5.6	12.4%	0.01	0.03%	39.2	87.5%
ICC-100	332	0	43.5	4.2	9.7%	0.01	0.03%	39.2	90.2%
ICC-110	362	0	42.9	3.7	8.6%	0.01	0.02%	39.2	91.4%
GB-1	5.5	0	69.8	30.6	43.8%	0.01	0.01%	39.2	56.1%
GB-5	17.5	0	63.1	23.9	37.8%	0.01	0.01%	39.2	62.2%
GB-10	32.5	0	56.1	16.8	30.0%	0.01	0.01%	39.2	69.9%
ASD-1	10	0	68.6	29.4	42.8%	0.01	0.01%	39.2	57.2%
ASD-5	22	0	60.0	20.8	34.6%	0.01	0.01%	39.2	65.4%
ASD-10	37	0	54.1	14.9	27.5%	0.01	0.01%	39.2	72.5%
ASD-20	67	0	47.4	8.2	17.3%	0.00	0.01%	39.2	82.7%
ASD-30	97	0	44.7	5.5	12.3%	0.00	0.01%	39.2	87.7%
VT-1	43	0	51.8	12.6	24.3%	0.00	0.01%	39.2	75.7%
VT-5	55	0	49.1	9.9	20.2%	0.00	0.01%	39.2	79.8%
VT-10	70	0	46.9	7.7	16.4%	0.00	0.01%	39.2	83.6%
VT-20	100	0	44.6	5.4	12.1%	0.00	0.01%	39.2	87.9%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Annual Average NO ₂ Concentration (µg/ m ³)							
		No.of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
VT-30	130	0	42.0	2.8	6.7%	0.00	0.00%	39.2	93.3%
VT-40	160	0	41.9	2.6	6.3%	0.00	0.00%	39.2	93.7%
VT-50	190	0	43.1	3.8	8.9%	0.00	0.01%	39.2	91.1%
WK1-1	4	0	61.8	22.6	36.5%	0.05	0.08%	39.2	63.4%
WK1-5	16	0	59.0	19.8	33.5%	0.05	0.08%	39.2	66.5%
WK1-10	31	0	55.9	16.7	29.8%	0.04	0.07%	39.2	70.1%
WK2-1	4	0	69.5	30.3	43.5%	0.01	0.01%	39.2	56.4%
WK2-5	16	0	63.7	24.5	38.4%	0.01	0.01%	39.2	61.6%
WK3-1	4	0	59.8	20.5	34.4%	0.02	0.04%	39.2	65.6%
WK3-5	16	0	57.9	18.6	32.2%	0.02	0.03%	39.2	67.8%
WK3-10	31	0	55.4	16.2	29.2%	0.02	0.03%	39.2	70.8%
WK3-20	61	0	50.7	11.5	22.6%	0.01	0.02%	39.2	77.4%
WK4-1	4	0	66.5	27.3	41.0%	0.01	0.01%	39.2	59.0%
WK4-5	16	0	62.7	23.5	37.5%	0.01	0.01%	39.2	62.5%
WK4-10	31	0	56.8	17.6	30.9%	0.01	0.01%	39.2	69.1%
FSDO-1	20.2	0	59.0	19.7	33.5%	0.00	0.01%	39.2	66.5%
FSDO-5	32.2	0	54.9	15.7	28.6%	0.00	0.01%	39.2	71.4%
LCMS-1	6.2	0	64.5	25.3	39.2%	0.00	0.01%	39.2	60.8%
LCMS-5	18.2	0	58.8	19.6	33.3%	0.00	0.01%	39.2	66.7%
CRGPS-1	5.5	0	64.6	25.4	39.3%	0.00	0.01%	39.2	60.7%
CRGPS-5	17.5	0	58.9	19.7	33.5%	0.00	0.01%	39.2	66.5%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Daily Average RSP Concentration ($\mu\text{g}/\text{m}^3$)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SH-1	7.5	0	116.6	2.7	2.3%	0.0	0.00%	113.9	97.7%
SH-5	19.5	0	114.9	1.0	0.8%	0.0	0.00%	113.9	99.2%
SH-10	34.5	0	114.1	0.2	0.2%	0.0	0.00%	113.9	99.8%
OC-1	12	0	114.5	0.6	0.5%	0.0	0.00%	113.9	99.5%
FR-1	28	0	114.8	0.9	0.8%	0.0	0.00%	113.9	99.2%
FR-5	40	0	114.3	0.4	0.3%	0.0	0.00%	113.9	99.7%
FR-10	55	0	114.0	0.1	0.1%	0.0	0.00%	113.9	99.9%
FR-20	85	0	113.9	0.0	0.0%	0.0	0.00%	113.9	100.0%
FR-30	115	0	113.9	0.0	0.0%	0.0	0.00%	113.9	100.0%
THV-1	2	0	115.6	1.7	1.4%	0.0	0.00%	113.9	98.6%
PAV-1	25	0	114.8	0.9	0.8%	0.0	0.00%	113.9	99.2%
PAV-5	37	0	114.3	0.4	0.3%	0.0	0.00%	113.9	99.7%
PAV-10	52	0	114.0	0.1	0.1%	0.0	0.00%	113.9	99.9%
PAV-20	82	0	114.0	0.1	0.0%	0.0	0.00%	113.9	100.0%
PAV-30	112	0	113.9	0.0	0.0%	0.0	0.00%	113.9	100.0%
PAV-40	142	0	113.9	0.0	0.0%	0.0	0.00%	113.9	100.0%
OLP-1	12	0	116.1	2.2	1.9%	0.0	0.00%	113.9	98.1%
CG-1	5.5	0	115.7	1.8	1.6%	0.0	0.00%	113.9	98.4%
CG-5	17.5	0	115.2	1.3	1.1%	0.0	0.00%	113.9	98.9%
CG-10	32.5	0	114.5	0.6	0.6%	0.0	0.00%	113.9	99.4%
CG-20	62.5	0	114.1	0.2	0.1%	0.0	0.00%	113.9	99.9%
LKPC-1	1.5	0	115.5	1.6	1.4%	0.0	0.00%	113.9	98.6%
LKPC-5	13.5	0	115.2	1.3	1.1%	0.0	0.00%	113.9	98.9%
IRC-1	1.5	0	116.1	2.2	1.9%	0.0	0.00%	113.9	98.1%
YCS-1	1.5	0	115.4	1.5	1.3%	0.0	0.00%	113.9	98.7%
YCS-5	13.5	0	115.1	1.2	1.1%	0.0	0.00%	113.9	98.9%
WG-1	1.5	0	116.9	3.0	2.6%	0.0	0.00%	113.9	97.4%
WG-5	13.5	0	115.4	1.5	1.3%	0.0	0.00%	113.9	98.7%
WG-10	28.5	0	114.5	0.6	0.6%	0.0	0.00%	113.9	99.4%
WG-20	58.5	0	114.1	0.2	0.2%	0.0	0.00%	113.9	99.8%
YMT-1	5	0	115.4	1.5	1.3%	0.0	0.00%	113.9	98.7%
HKCC-1	17	0	115.1	1.2	1.1%	0.0	0.00%	113.9	98.9%
HKCC-5	29	0	114.7	0.8	0.7%	0.0	0.00%	113.9	99.3%
HKCC-10	44	0	114.4	0.5	0.4%	0.0	0.00%	113.9	99.6%
PS-1	1.5	0	115.6	1.7	1.5%	0.0	0.01%	113.9	98.5%
PS-5	13.5	0	115.3	1.4	1.2%	0.0	0.01%	113.9	98.8%
PG-1	5	0	115.9	2.0	1.7%	0.0	0.01%	113.9	98.3%
PG-5	17	0	115.2	1.3	1.2%	0.0	0.01%	113.9	98.8%
PG-10	32	0	114.8	0.9	0.7%	0.0	0.01%	113.9	99.3%
PG-20	62	0	114.4	0.5	0.4%	0.0	0.00%	113.9	99.6%
CAS-1	7.5	0	116.3	1.8	1.6%	0.0	0.00%	114.5	98.4%
CAS-5	19.5	0	115.5	1.0	0.9%	0.0	0.00%	114.5	99.1%
HT-1	1.5	0	116.5	2.0	1.7%	0.0	0.01%	114.5	98.3%
HT-5	13.5	0	115.8	1.3	1.1%	0.0	0.01%	114.5	98.9%
HT-10	28.5	0	115.3	0.7	0.6%	0.0	0.01%	114.5	99.4%
SRT-1	39.7	0	115.0	0.5	0.4%	0.0	0.00%	114.5	99.6%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Daily Average RSP Concentration ($\mu\text{g}/\text{m}^3$)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SRT-5	51.7	0	114.8	0.3	0.3%	0.0	0.00%	114.5	99.7%
SRT-10	66.7	0	114.7	0.2	0.2%	0.0	0.00%	114.5	99.8%
SRT-20	96.7	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
SRT-30	126.7	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
SRT-40	156.7	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
SRT-50	186.7	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
SRT-60	216.7	0	114.7	0.2	0.2%	0.0	0.00%	114.5	99.8%
YTB-1	7.5	0	116.4	1.9	1.7%	0.0	0.00%	114.5	98.4%
YTB-5	19.5	0	115.6	1.1	0.9%	0.0	0.00%	114.5	99.1%
YTB-10	34.5	0	115.2	0.7	0.6%	0.0	0.00%	114.5	99.4%
CLS-1	62.3	0	114.7	0.2	0.1%	0.0	0.00%	114.5	99.9%
CLS-5	74.3	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
CLS-10	89.3	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
CLS-20	119.3	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
CLS-30	149.3	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
CLS-40	179.3	0	114.6	0.1	0.0%	0.0	0.00%	114.5	100.0%
CLS-50	209.3	0	114.7	0.2	0.2%	0.0	0.00%	114.5	99.8%
ASC-1	10	0	115.9	1.3	1.2%	0.0	0.00%	114.5	98.8%
ASC-5	22	0	115.4	0.9	0.8%	0.0	0.00%	114.5	99.2%
ASC-10	37	0	115.1	0.6	0.5%	0.0	0.00%	114.5	99.5%
ASC-20	67	0	114.8	0.3	0.2%	0.0	0.00%	114.5	99.8%
ICC-1	35	0	115.2	0.7	0.6%	0.0	0.00%	114.5	99.4%
ICC-5	47	0	114.9	0.4	0.4%	0.0	0.00%	114.5	99.6%
ICC-10	62	0	114.7	0.2	0.2%	0.0	0.00%	114.5	99.8%
ICC-20	92	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
ICC-30	122	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
ICC-40	152	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
ICC-50	182	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
ICC-60	212	0	114.7	0.2	0.2%	0.0	0.00%	114.5	99.8%
ICC-70	242	0	114.9	0.3	0.3%	0.0	0.00%	114.5	99.7%
ICC-80	272	0	114.7	0.2	0.2%	0.0	0.00%	114.5	99.8%
ICC-90	302	0	114.6	0.1	0.1%	0.0	0.00%	114.5	99.9%
ICC-100	332	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
ICC-110	362	0	114.5	0.0	0.0%	0.0	0.00%	114.5	100.0%
GB-1	5.5	0	118.1	3.6	3.1%	0.0	0.00%	114.5	96.9%
GB-5	17.5	0	116.9	2.4	2.1%	0.0	0.00%	114.5	97.9%
GB-10	32.5	0	116.5	2.0	1.7%	0.0	0.00%	114.5	98.3%
ASD-1	10	0	117.3	2.8	2.4%	0.0	0.00%	114.5	97.6%
ASD-5	22	0	116.7	2.2	1.9%	0.0	0.00%	114.5	98.1%
ASD-10	37	0	116.3	1.8	1.5%	0.0	0.00%	114.5	98.5%
ASD-20	67	0	115.8	1.3	1.1%	0.0	0.00%	114.5	98.9%
ASD-30	97	0	115.5	1.0	0.9%	0.0	0.00%	114.5	99.1%
VT-1	43	0	119.6	5.1	4.3%	0.0	0.00%	114.5	95.7%
VT-5	55	0	118.9	4.4	3.7%	0.0	0.00%	114.5	96.3%
VT-10	70	0	118.1	3.6	3.0%	0.0	0.00%	114.5	97.0%
VT-20	100	0	117.1	2.6	2.2%	0.0	0.00%	114.5	97.8%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Maximum of Daily Average RSP Concentration ($\mu\text{g}/\text{m}^3$)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
VT-30	130	0	115.0	0.5	0.4%	0.0	0.00%	114.5	99.6%
VT-40	160	0	114.9	0.4	0.3%	0.0	0.00%	114.5	99.7%
VT-50	190	0	114.9	0.4	0.3%	0.0	0.00%	114.5	99.7%
WK1-1	4	0	115.8	1.3	1.1%	0.0	0.00%	114.5	98.9%
WK1-5	16	0	115.6	1.1	0.9%	0.0	0.00%	114.5	99.1%
WK1-10	31	0	115.2	0.7	0.6%	0.0	0.00%	114.5	99.4%
WK2-1	4	0	118.2	3.6	3.1%	0.0	0.00%	114.5	96.9%
WK2-5	16	0	117.7	3.2	2.7%	0.0	0.00%	114.5	97.3%
WK3-1	4	0	115.4	0.8	0.7%	0.0	0.00%	114.5	99.3%
WK3-5	16	0	115.2	0.7	0.6%	0.0	0.00%	114.5	99.4%
WK3-10	31	0	115.1	0.5	0.5%	0.0	0.00%	114.5	99.5%
WK3-20	61	0	114.8	0.2	0.2%	0.0	0.00%	114.5	99.8%
WK4-1	4	0	117.2	2.7	2.3%	0.0	0.00%	114.5	97.7%
WK4-5	16	0	116.9	2.4	2.1%	0.0	0.00%	114.5	97.9%
WK4-10	31	0	116.6	2.0	1.8%	0.0	0.00%	114.5	98.2%
FSDO-1	20.2	0	124.5	9.9	8.0%	0.0	0.00%	114.5	92.0%
FSDO-5	32.2	0	123.1	8.6	7.0%	0.0	0.00%	114.5	93.0%
LCMS-1	6.2	0	127.0	12.4	9.8%	0.0	0.00%	114.5	90.2%
LCMS-5	18.2	0	125.6	11.1	8.8%	0.0	0.00%	114.5	91.2%
CRGPS-1	5.5	0	128.2	13.7	10.7%	0.0	0.00%	114.5	89.3%
CRGPS-5	17.5	0	126.8	12.3	9.7%	0.0	0.00%	114.5	90.3%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Annual Average RSP Concentration ($\mu\text{g}/\text{m}^3$)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SH-1	7.5	0	44.7	2.4	5.4%	0.0	0.00%	42.3	94.6%
SH-5	19.5	0	43.8	1.5	3.5%	0.0	0.00%	42.3	96.5%
SH-10	34.5	0	43.3	1.0	2.2%	0.0	0.00%	42.3	97.8%
OC-1	12	0	44.9	2.6	5.7%	0.0	0.00%	42.3	94.3%
FR-1	28	0	43.6	1.2	2.9%	0.0	0.00%	42.3	97.1%
FR-5	40	0	43.2	0.9	2.1%	0.0	0.00%	42.3	97.9%
FR-10	55	0	43.0	0.7	1.7%	0.0	0.00%	42.3	98.3%
FR-20	85	0	42.9	0.5	1.3%	0.0	0.00%	42.3	98.7%
FR-30	115	0	42.8	0.5	1.1%	0.0	0.00%	42.3	98.9%
THV-1	2	0	45.6	3.3	7.2%	0.0	0.00%	42.3	92.8%
PAV-1	25	0	43.6	1.3	2.9%	0.0	0.00%	42.3	97.1%
PAV-5	37	0	43.3	1.0	2.3%	0.0	0.00%	42.3	97.7%
PAV-10	52	0	43.1	0.8	1.8%	0.0	0.00%	42.3	98.2%
PAV-20	82	0	42.9	0.6	1.4%	0.0	0.00%	42.3	98.6%
PAV-30	112	0	42.8	0.5	1.2%	0.0	0.00%	42.3	98.8%
PAV-40	142	0	42.6	0.3	0.7%	0.0	0.00%	42.3	99.3%
OLP-1	12	0	44.1	1.8	4.1%	0.0	0.00%	42.3	95.9%
CG-1	5.5	0	44.1	1.7	4.0%	0.0	0.00%	42.3	96.0%
CG-5	17.5	0	43.8	1.5	3.4%	0.0	0.00%	42.3	96.6%
CG-10	32.5	0	43.5	1.2	2.7%	0.0	0.00%	42.3	97.3%
CG-20	62.5	0	43.1	0.8	1.9%	0.0	0.00%	42.3	98.1%
LKPC-1	1.5	0	44.1	1.8	4.0%	0.0	0.00%	42.3	96.0%
LKPC-5	13.5	0	43.9	1.6	3.7%	0.0	0.00%	42.3	96.3%
IRC-1	1.5	0	44.4	2.1	4.8%	0.0	0.00%	42.3	95.2%
YCS-1	1.5	0	44.3	2.0	4.5%	0.0	0.00%	42.3	95.5%
YCS-5	13.5	0	44.1	1.8	4.0%	0.0	0.00%	42.3	96.0%
WG-1	1.5	0	45.5	3.2	7.1%	0.0	0.00%	42.3	92.9%
WG-5	13.5	0	44.3	2.0	4.6%	0.0	0.00%	42.3	95.4%
WG-10	28.5	0	43.8	1.5	3.4%	0.0	0.00%	42.3	96.6%
WG-20	58.5	0	43.3	1.0	2.2%	0.0	0.00%	42.3	97.8%
YMT-1	5	0	45.2	2.8	6.3%	0.0	0.00%	42.3	93.7%
HKCC-1	17	0	44.7	2.4	5.3%	0.0	0.00%	42.3	94.7%
HKCC-5	29	0	43.8	1.5	3.5%	0.0	0.00%	42.3	96.5%
HKCC-10	44	0	43.4	1.1	2.6%	0.0	0.00%	42.3	97.4%
PS-1	1.5	0	44.3	2.0	4.5%	0.0	0.00%	42.3	95.5%
PS-5	13.5	0	44.1	1.8	4.1%	0.0	0.00%	42.3	95.9%
PG-1	5	0	44.7	2.4	5.4%	0.0	0.00%	42.3	94.6%
PG-5	17	0	44.2	1.9	4.4%	0.0	0.00%	42.3	95.6%
PG-10	32	0	43.8	1.5	3.4%	0.0	0.00%	42.3	96.5%
PG-20	62	0	43.4	1.0	2.4%	0.0	0.00%	42.3	97.6%
CAS-1	7.5	0	45.0	2.3	5.1%	0.0	0.01%	42.7	94.9%
CAS-5	19.5	0	44.5	1.8	4.1%	0.0	0.01%	42.7	95.9%
HT-1	1.5	0	45.0	2.3	5.2%	0.0	0.01%	42.7	94.8%
HT-5	13.5	0	44.7	2.0	4.5%	0.0	0.01%	42.7	95.5%
HT-10	28.5	0	44.2	1.6	3.5%	0.0	0.01%	42.7	96.5%
SRT-1	39.7	0	44.1	1.4	3.3%	0.0	0.00%	42.7	96.7%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Annual Average RSP Concentration ($\mu\text{g}/\text{m}^3$)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
SRT-5	51.7	0	43.9	1.2	2.8%	0.0	0.00%	42.7	97.2%
SRT-10	66.7	0	43.7	1.1	2.4%	0.0	0.00%	42.7	97.6%
SRT-20	96.7	0	43.5	0.8	1.9%	0.0	0.00%	42.7	98.1%
SRT-30	126.7	0	43.1	0.4	1.0%	0.0	0.00%	42.7	99.0%
SRT-40	156.7	0	43.0	0.4	0.9%	0.0	0.00%	42.7	99.1%
SRT-50	186.7	0	43.0	0.3	0.8%	0.0	0.00%	42.7	99.2%
SRT-60	216.7	0	43.2	0.5	1.1%	0.0	0.00%	42.7	98.9%
YTB-1	7.5	0	45.1	2.5	5.5%	0.0	0.00%	42.7	94.5%
YTB-5	19.5	0	44.5	1.8	4.1%	0.0	0.00%	42.7	95.9%
YTB-10	34.5	0	44.2	1.5	3.4%	0.0	0.00%	42.7	96.6%
CLS-1	62.3	0	43.9	1.3	2.9%	0.0	0.00%	42.7	97.1%
CLS-5	74.3	0	43.8	1.1	2.6%	0.0	0.00%	42.7	97.4%
CLS-10	89.3	0	43.7	1.0	2.3%	0.0	0.00%	42.7	97.7%
CLS-20	119.3	0	43.2	0.5	1.3%	0.0	0.00%	42.7	98.7%
CLS-30	149.3	0	43.1	0.4	1.0%	0.0	0.00%	42.7	99.0%
CLS-40	179.3	0	43.0	0.4	0.8%	0.0	0.00%	42.7	99.2%
CLS-50	209.3	0	43.1	0.4	1.0%	0.0	0.00%	42.7	99.0%
ASC-1	10	0	45.1	2.4	5.3%	0.0	0.00%	42.7	94.7%
ASC-5	22	0	44.5	1.8	4.1%	0.0	0.00%	42.7	95.9%
ASC-10	37	0	44.2	1.5	3.4%	0.0	0.00%	42.7	96.6%
ASC-20	67	0	43.8	1.2	2.7%	0.0	0.00%	42.7	97.3%
ICC-1	35	0	44.6	1.9	4.3%	0.0	0.00%	42.7	95.7%
ICC-5	47	0	44.4	1.7	3.8%	0.0	0.00%	42.7	96.2%
ICC-10	62	0	44.1	1.5	3.3%	0.0	0.00%	42.7	96.7%
ICC-20	92	0	43.8	1.2	2.6%	0.0	0.00%	42.7	97.4%
ICC-30	122	0	43.3	0.6	1.4%	0.0	0.00%	42.7	98.6%
ICC-40	152	0	43.1	0.5	1.1%	0.0	0.00%	42.7	98.9%
ICC-50	182	0	43.1	0.4	0.9%	0.0	0.00%	42.7	99.1%
ICC-60	212	0	43.1	0.5	1.1%	0.0	0.00%	42.7	98.9%
ICC-70	242	0	43.2	0.5	1.2%	0.0	0.00%	42.7	98.8%
ICC-80	272	0	43.1	0.4	0.9%	0.0	0.00%	42.7	99.1%
ICC-90	302	0	42.9	0.3	0.6%	0.0	0.00%	42.7	99.4%
ICC-100	332	0	42.9	0.2	0.4%	0.0	0.00%	42.7	99.6%
ICC-110	362	0	42.8	0.2	0.4%	0.0	0.00%	42.7	99.6%
GB-1	5.5	0	45.4	2.8	6.1%	0.0	0.00%	42.7	93.9%
GB-5	17.5	0	44.8	2.1	4.7%	0.0	0.00%	42.7	95.3%
GB-10	32.5	0	44.5	1.8	4.0%	0.0	0.00%	42.7	96.0%
ASD-1	10	0	45.3	2.6	5.8%	0.0	0.00%	42.7	94.2%
ASD-5	22	0	44.7	2.1	4.6%	0.0	0.00%	42.7	95.4%
ASD-10	37	0	44.5	1.8	4.1%	0.0	0.00%	42.7	95.9%
ASD-20	67	0	44.2	1.6	3.5%	0.0	0.00%	42.7	96.5%
ASD-30	97	0	44.0	1.3	3.1%	0.0	0.00%	42.7	96.9%
VT-1	43	0	44.7	2.0	4.5%	0.0	0.00%	42.7	95.5%
VT-5	55	0	44.6	1.9	4.3%	0.0	0.00%	42.7	95.7%
VT-10	70	0	44.5	1.8	4.0%	0.0	0.00%	42.7	96.0%
VT-20	100	0	44.2	1.5	3.4%	0.0	0.00%	42.7	96.6%

Appendix 3.7 - Results of the Pollutant Concentration for Discrete ASRs for Year 2016

ASR	Height Above Ground (m)	Annual Average RSP Concentration ($\mu\text{g}/\text{m}^3$)							
		No. of Exceedance	Overall Contribution	Other Sources Contribution		The Project Contribution		Background Contribution	
VT-30	130	0	43.4	0.7	1.6%	0.0	0.00%	42.7	98.4%
VT-40	160	0	43.2	0.6	1.3%	0.0	0.00%	42.7	98.7%
VT-50	190	0	43.1	0.4	1.0%	0.0	0.00%	42.7	99.0%
WK1-1	4	0	45.8	3.2	6.9%	0.0	0.00%	42.7	93.1%
WK1-5	16	0	45.5	2.8	6.2%	0.0	0.00%	42.7	93.8%
WK1-10	31	0	45.1	2.4	5.3%	0.0	0.00%	42.7	94.7%
WK2-1	4	0	45.8	3.1	6.8%	0.0	0.00%	42.7	93.2%
WK2-5	16	0	45.2	2.6	5.7%	0.0	0.00%	42.7	94.3%
WK3-1	4	0	45.9	3.2	7.0%	0.0	0.00%	42.7	93.0%
WK3-5	16	0	45.6	2.9	6.4%	0.0	0.00%	42.7	93.6%
WK3-10	31	0	45.2	2.5	5.5%	0.0	0.00%	42.7	94.5%
WK3-20	61	0	44.5	1.8	4.2%	0.0	0.00%	42.7	95.8%
WK4-1	4	0	45.6	2.9	6.4%	0.0	0.00%	42.7	93.6%
WK4-5	16	0	45.2	2.5	5.6%	0.0	0.00%	42.7	94.4%
WK4-10	31	0	44.9	2.2	4.8%	0.0	0.00%	42.7	95.1%
FSDO-1	20.2	0	45.4	2.7	6.0%	0.0	0.00%	42.7	94.0%
FSDO-5	32.2	0	45.2	2.5	5.6%	0.0	0.00%	42.7	94.4%
LCMS-1	6.2	0	45.7	3.0	6.6%	0.0	0.00%	42.7	93.4%
LCMS-5	18.2	0	45.3	2.6	5.8%	0.0	0.00%	42.7	94.2%
CRGPS-1	5.5	0	45.8	3.1	6.8%	0.0	0.00%	42.7	93.2%
CRGPS-5	17.5	0	45.4	2.7	6.0%	0.0	0.00%	42.7	94.0%