

Emission Rates for 1-hour & 24-hr Average (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)					
Location	Emission Factors	Unmitigated Emission Rates	Mitigated Emission Rates	Parameters	Remarks
Road Improvement Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)	Heavy Construction Area Source (g/m ³ /s)	2.076E-04	2.595E-05	TSP emission factor (Mg/hectare/month of activity)	2.69 from AP-42, S13.2.3, 1/95 ed, derivation of the factor assumes that construction activity occurs 30 days per month ⁽¹⁾
				Percentage area actively operating (%)	100.0 conservative approach
				% of dust suppression	87.5 Refer to Appendix 4.6
		9.817E-05	1.227E-05	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/month of activity)	1.27E+00
		1.487E-05	1.858E-06	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/month of activity)	1.93E-01
	Wind erosion (g/m ³ /s) (For night-time, Sunday and public holidays only)	2.695E-06	2.695E-06	TSP emission factor (Mg/hectare/yr)	0.85 AP-42, 5th ed., Table 11.9.4
				Percentage area actively operating (%)	100.0 conservative approach
			% of dust suppression	0	
	1.275E-06	1.275E-06	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/yr of activity)	4.02E-01	
	1.930E-07	1.930E-07	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/yr of activity)	6.09E-02	

Emission Rates for Annual Average (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)					
Location	Emission Factors	Unmitigated Emission Rates	Mitigated Emission Rates	Parameters	Remarks
Road Improvement Works Area (New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)	Heavy Construction Area Source (g/m ³ /s)	3.113E-05	3.892E-06	TSP emission factor (Mg/hectare/month of activity)	2.69 from AP-42, S13.2.3, 1/95 ed, derivation of the factor assumes that construction activity occurs 30 days per month ⁽¹⁾
				Percentage area actively operating (%)	15.0 Assume Maximum of 15% Active Area on annual average
				% of dust suppression	87.5 Refer to Appendix 4.6
		1.473E-05	1.841E-06	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/month of activity)	1.27E+00
		2.230E-06	2.787E-07	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/month of activity)	1.93E-01
	Wind erosion (g/m ³ /s) (For night-time, Sunday and public holidays only)	4.043E-07	4.043E-07	TSP emission factor (Mg/hectare/yr)	0.85 AP-42, 5th ed., Table 11.9.4
				Percentage area actively operating (%)	15.0 Assume Maximum of 15% Active Area on annual average
			% of dust suppression	0	
	1.912E-07	1.912E-07	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/yr of activity)	4.02E-01	
	2.896E-08	2.896E-08	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/yr of activity)	6.09E-02	

Note: (1) According to USEPA Compilation of Air Pollution Emission Factors (AP-42), 5th Edition, the derivation of the factor 2.69 Mg/hectare/month of activity assumes that construction activity occurs 30 days per month, it is used to derive a daily emission estimate of 0.0897 Mg/hectare/day (i.e. 2.69/30) for the use in the modelling assessment.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)

Scenario: Unmitigated

Project Type [1]	Source ID	Source Type	Centroid Coordinates		Dimension		Height (m)	Angle / Width (deg / m)	1-hour/24-hour Assessment [2]						Annual Assessment [2]			
			x1 (m)	y1 (m)	x2 (m)	y2 (m)			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
									TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The RIW Project																		
Clear Water Bay Road/On Sau Road RIW (1)	WC07_A3-01	Area	841574.8	821611.3	82.0	20.7	0.0	-87.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-02	Area	841394.6	821675.1	19.2	72.1	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-03	Area	841464.9	821689.3	31.4	70.8	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-04	Area	841560.3	821697.4	117.3	31.0	0.0	1.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-05	Area	841682.0	821716.2	27.6	126.2	0.0	-76.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-06	Area	841351.9	821701.4	11.0	164.0	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-07	Area	841359.0	821714.7	11.0	154.0	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-08	Area	841359.2	821691.7	11.0	120.0	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-09	Area	841440.4	821709.3	19.6	19.0	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-10	Area	841436.9	821722.8	8.2	11.4	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-11	Area	841460.7	821707.2	5.1	19.1	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-12	Area	841453.2	821710.6	5.2	6.4	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-13	Area	841450.9	821714.6	3.8	3.8	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-14	Area	841367.4	821728.5	11.0	130.7	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
	WC07_A3-15	Area	841363.0	821738.2	10.0	57.5	0.0	-75.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08
WC07_A3-16	Area	841573.0	821667.0	40.9	30.0	0.0	1.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A3-17	Area	841546.1	821675.0	13.7	12.3	0.0	0.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A3-18	Area	841533.9	821679.1	12.3	5.6	0.0	0.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-01	Area	840762.0	821548.8	288.0	33.1	0.0	-3.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-02	Area	840976.4	821509.9	157.5	30.6	0.0	-22.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-03	Area	841064.8	821455.0	47.4	60.4	0.0	-22.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-04	Area	841049.2	821416.5	28.3	22.7	0.0	-22.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-05	Area	841060.4	821390.7	19.0	11.3	0.0	-77.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-06	Area	841070.1	821372.4	17.9	9.8	0.0	-48.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-07	Area	841086.4	821357.7	24.0	10.3	0.0	-36.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-08	Area	841098.3	821457.5	12.7	18.0	0.0	-22.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-09	Area	841120.0	821444.3	34.4	12.7	0.0	-36.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-10	Area	841146.3	821411.6	47.0	19.8	0.0	-57.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-11	Area	841162.3	821370.5	37.3	12.7	0.0	-81.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-12	Area	841111.7	821424.4	30.3	8.1	0.0	1.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-13	Area	840570.1	821547.4	106.0	27.6	0.0	11.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-14	Area	841033.3	821463.6	17.5	12.7	0.0	-22.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
WC07_A4-15	Area	841089.7	821417.8	18.3	8.1	0.0	40.0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	1.47E-05	2.23E-06	1.91E-07	2.90E-08	
Concurrent Projects																		
Rock Cavern [3]	WC08-18-01	Area	842074.6	821215.9	64.8	52.5	0	47	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-05	1.86E-06	1.27E-06	1.93E-07
The ARQ Project [2]																		
	SP01-1	Area	841972.2	821076.6	90.4	173.2	0.0	-47	8.37E-06	3.96E-06	5.96E-07	2.70E-06	1.27E-06	1.90E-07	7.72E-06	5.82E-07	1.30E-07	1.90E-08
	WC01_PL5A-1	Area	841711.1	819980.9	22.2	27.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-2	Area	841696	819949.2	17.7	38.1	0.0	-9	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-3	Area	841674.2	819918.6	17.4	30.2	0.0	-56	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-4	Area	841649.1	819881.1	20.3	54.2	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-5	Area	841659	819872.7	4.8	35.0	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-6	Area	841662.4	819865.4	7.5	10.4	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-1	Area	841851.6	819802.8	9.8	87.8	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-2	Area	841794.6	819717.4	49.0	12.5	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-3	Area	841804.2	819691.2	6.8	11.4	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-4	Area	841894.3	819842.3	42.2	12.5	0.0	-79	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-5	Area	841834.8	819780.7	17.5	39.4	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-6	Area	841796.7	819776.1	40.5	34.1	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-7	Area	841783.2	819709	45.7	14.8	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-8	Area	841770.3	819705.9	42.9	11.6	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-1	Area	842321.1	819702.8	17.5	30.5	0.0	-8	2.01E-05	9.51E								

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Scenario: Unmitigated

Project Type [1]	Source ID	Source Type	Centroid Coordinates		Dimension			Angle / Width (deg / m)	1-hour/24-hour Assessment [2]						Annual Assessment [2]			
			x1	y1	x2	y2	Height		Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)	(m)		TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The ARO Project [2]	WC03_PHI-3	Area	842068.9	820468.6	20.4	229.0	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-4	Area	842040.6	820443.6	33.8	97.4	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-5	Area	841998.2	820501.3	30.7	40.7	0.0	30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-6	Area	842043.1	820364.6	37.9	60.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-7	Area	842154.6	820485	79.4	128.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-8	Area	842237.7	820516.6	28.9	41.7	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-9	Area	842220.7	820567.6	72.0	77.0	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-10	Area	842255.4	820489.2	26.9	294.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-11	Area	842404.9	820529.1	24.8	93.6	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-12	Area	842446.6	820444.9	19.6	89.2	0.0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-13	Area	842470.2	820367.2	21.5	70.2	0.0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-14	Area	842522	820303.1	18.1	91.0	0.0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-15	Area	842572.2	820222.6	15.4	95.8	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-16	Area	842607.7	820136	14.8	91.4	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-17	Area	842639.4	820078.5	15.4	35.9	0.0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-18	Area	842669.7	820060	14.0	30.3	0.0	71	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-19	Area	842715.1	820053.6	14.7	58.0	0.0	89	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-20	Area	842775.6	820063.2	13.9	61.3	0.0	-72	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-21	Area	842828	820090.1	13.7	53.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-22	Area	842857.1	820121.2	13.1	27.8	0.0	-32	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-23	Area	842873.4	820164.5	13.8	62.3	0.0	-15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-24	Area	842892.3	820207.9	15.5	27.2	0.0	-46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-25	Area	842922.8	820224.6	20.6	30.9	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-26	Area	842954.3	820218.7	20.4	25.3	0.0	63	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-27	Area	842980.1	820202.7	20.4	33.6	0.0	55	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-28	Area	842978.7	820181.8	6.2	15.8	0.0	5	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-29	Area	842957	820123.3	15.3	134.9	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-30	Area	843008.8	820192.6	16.3	33.8	0.0	-51	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-31	Area	843039.4	820213.4	17.1	36.9	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-32	Area	843072.3	820224.8	16.2	29.9	0.0	-78	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-33	Area	842348.2	820479.4	100.7	118.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-34	Area	842266	820458.6	34.9	36.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-35	Area	842388.7	820418.3	45.5	91.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-36	Area	842415.2	820392.9	27.7	61.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-37	Area	842484.1	820288.6	72.9	49.1	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-38	Area	842529.3	820259.7	29.7	28.2	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-39	Area	842445.2	820013.2	31.5	45.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-40	Area	842584.3	820123.2	110.2	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-41	Area	842620.6	820068.9	17.8	20.4	0.0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-42	Area	842589.7	820528.7	99.2	309.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-43	Area	842687.5	820486.9	107.5	216.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-44	Area	842874	820109.9	26.3	55.9	0.0	-30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-45	Area	842915.5	820170.9	31.0	87.2	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-46	Area	842567.6	820360.2	46.0	119.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-47	Area	842508.2	820381.1	71.2	25.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-48	Area	842779	820415.4	122.9	195.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-49	Area	842931.7	820289	112.9	72.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-50	Area	843003.8	820248	51.8	80.1	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-51	Area	843054.4	820251.9	26.8	36.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-52	Area	842555.6	820111.8	80.3	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-53	Area	842527.8	820096.4	60.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-54	Area	842502.5	820076.7	40.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-55	Area	842482.6	820033.8	73.4	38.6	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-56	Area	842458.5	820578	120.1	123.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-57	Area	842508.5	820352.7	38.6	19.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PHI-58	Area	842593.8	820309.2	25.7	95.7												

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)

Scenario: Unmitigated

Project Type [1]	Source ID	Source Type	Centroid Coordinates		Dimension		Height (m)	Angle / Width (deg / m)	1-hour/24-hour Assessment [2]						Annual Assessment [2]			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The ARQ Project ^[2]	WC03_PH1-66	Area	842482.7	820486.9	61.9	31.5	0.0	59	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-67	Area	842645.4	820165.3	69.8	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-68	Area	842674.2	820098.3	89.2	32.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-69	Area	842632.1	820368.8	44.2	33.9	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-70	Area	842606.3	820241.1	86.7	59.1	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-71	Area	842738.1	820294.4	57.3	50.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-72	Area	842679.9	820195.1	45.6	40.2	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-73	Area	842099.1	820373.1	33.8	85.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-74	Area	841974.6	820550.8	24.8	64.7	0.0	18	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC05-1	Area	842257.9	820377.1	79.9	116.3	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014) . Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[3] For the Concurrent Rock Cavern Development Project, latest information of the Rock Cavern's worst-case assessment year in construction phase (i.e. Year 2018) were incorporated from a separate undertaking EIA for Development of Anderson Road Quarry Site – Rock Cavern Development under EIA Study Brief No. ESB-269/2014. Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)

Scenario: Tier 1 - Mitigated

Project Type [1]	Source ID	Source Type	Centroid Coordinates		Dimension			Angle / Width (deg / m)	1-hour/24-hour Assessment [2]						Annual Assessment [2]			
			x1	y1	x2	y2	Height		Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)	(m)		TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The RIW Project																		
Clear Water Bay Road/On Sau Road RIW ⁽¹⁾	WC07_A3-01	Area	841574.8	821611.3	82.0	20.7	0.0	-87	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-02	Area	841394.6	821675.1	19.2	72.1	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-03	Area	841464.9	821689.3	31.4	70.8	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-04	Area	841560.3	821697.4	117.3	31.0	0.0	1	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-05	Area	841682.0	821716.2	27.6	126.2	0.0	-76	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-06	Area	841351.9	821701.4	11.0	164.0	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-07	Area	841359.0	821714.7	11.0	154.0	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-08	Area	841359.2	821691.7	11.0	120.0	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-09	Area	841440.4	821709.3	19.6	19.0	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-10	Area	841436.9	821722.8	8.2	11.4	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-11	Area	841460.7	821707.2	5.1	19.1	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-12	Area	841453.2	821710.6	5.2	6.4	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-13	Area	841450.9	821714.6	3.8	3.8	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-14	Area	841367.4	821728.5	11.0	130.7	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-15	Area	841363.0	821738.2	10.0	57.5	0.0	-75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-16	Area	841573.0	821667.0	40.9	30.0	0.0	1	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-17	Area	841546.1	821675.0	13.7	12.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A3-18	Area	841533.9	821679.1	12.3	5.6	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
New Clear Water Bay Road/Shun Lee Tsuen Road RIW ⁽¹⁾	WC07_A4-01	Area	840762.0	821548.8	288.0	33.1	0.0	-3	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-02	Area	840976.4	821509.9	157.5	30.6	0.0	-22	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-03	Area	841064.8	821455.0	47.4	60.4	0.0	-22	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-04	Area	841049.2	821416.5	28.3	22.7	0.0	-22	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-05	Area	841060.4	821390.7	19.0	11.3	0.0	-77	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-06	Area	841070.1	821372.4	17.9	9.8	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-07	Area	841086.4	821357.7	24.0	10.3	0.0	-36	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-08	Area	841098.3	821457.5	12.7	18.0	0.0	-22	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-09	Area	841120.0	821444.3	34.4	12.7	0.0	-36	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-10	Area	841146.3	821411.6	47.0	19.8	0.0	-57	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-11	Area	841162.3	821370.5	37.3	12.7	0.0	-81	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-12	Area	841111.7	821424.4	30.3	8.1	0.0	1	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-13	Area	840570.1	821547.4	106.0	27.6	0.0	11	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-14	Area	841033.3	821463.6	17.5	12.7	0.0	-22	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
	WC07_A4-15	Area	841089.7	821417.8	18.3	8.1	0.0	40	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.84E-06	2.79E-07	1.91E-07	2.90E-08
Concurrent Projects																		
Rock Cavern ⁽³⁾	WC08-18-01	Area	842074.6	821215.9	64.8	52.5	0	47	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-05	1.86E-06	1.27E-06	1.93E-07
The ARQ Project ⁽²⁾	SP01-1	Area	841972.2	821076.6	90.4	173.2	0.0	-47	8.37E-06	3.96E-06	5.96E-07	2.70E-06	1.27E-06	1.90E-07	7.72E-06	5.82E-07	1.30E-07	1.90E-08
	WC01_PL5A-1	Area	841711.1	819980.9	22.2	27.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
Pedestrian Connectivity ⁽²⁾	WC01_PL5A-2	Area	841696	819949.2	17.7	38.1	0.0	-9	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-3	Area	841674.2	819918.6	17.4	30.2	0.0	-56	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-4	Area	841649.1	819881.1	20.3	54.2	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-5	Area	841659	819872.7	4.8	35.0	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5A-6	Area	841662.4	819865.4	7.5	10.4	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-1	Area	841851.6	819802.8	9.8	87.8	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-2	Area	841794.6	819717.4	49.0	12.5	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-3	Area	841804.2	819691.2	6.8	11.4	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-4	Area	841894.3	819842.3	42.2	12.5	0.0	-79	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-5	Area	841834.8	819780.7	17.5	39.4	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-6	Area	841796.7	819776.1	40.5	34.1	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-7	Area	841783.2	819709	45.7	14.8	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC01_PL5B-8	Area	841770.3	819705.9	42.9	11.6	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-1	Area	842321.1	819702.8	17.5	30.5	0.0	-8	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30	

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)

Scenario: Tier 1 - Mitigated

Project Type [1]	Source ID	Source Type	Centroid Coordinates		Dimension			Height	Angle / Width	1-hour/24-hour Assessment [2]						Annual Assessment [2]			
			x1	y1	x2	y2	Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)				
			(m)	(m)	(m)	(m)	TSP			RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP	
The ARQ Project [2]	WC03_PH1-1	Area	841866.5	820804.7	57.0	107.2	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-2	Area	841935	820675	28.5	193.7	0.0	19	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-3	Area	842068.9	820468.6	20.4	229.0	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-4	Area	842040.6	820443.6	33.8	97.4	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-5	Area	841998.2	820501.3	30.7	40.7	0.0	30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-6	Area	842043.1	820364.6	37.9	60.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-7	Area	842154.6	820485	79.4	128.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-8	Area	842237.7	820516.6	28.9	41.7	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-9	Area	842220.7	820567.6	72.0	77.0	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-10	Area	842255.4	820489.2	26.9	294.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-11	Area	842404.9	820529.1	24.8	93.6	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-12	Area	842446.6	820444.9	19.6	89.2	0.0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-13	Area	842470.2	820367.2	21.5	70.2	0.0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-14	Area	842522	820303.1	18.1	91.0	0.0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-15	Area	842572.2	820222.6	15.4	95.8	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-16	Area	842607.7	820136	14.8	91.4	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-17	Area	842639.4	820078.5	15.4	35.9	0.0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-18	Area	842669.7	820060	14.0	30.3	0.0	71	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-19	Area	842715.1	820053.6	14.7	58.0	0.0	89	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-20	Area	842775.6	820063.2	13.9	61.3	0.0	-72	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-21	Area	842828	820090.1	13.7	53.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-22	Area	842857.1	820121.2	13.1	27.8	0.0	-32	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-23	Area	842873.4	820164.5	13.8	62.3	0.0	-15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-24	Area	842892.3	820207.9	15.5	27.2	0.0	-46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-25	Area	842922.8	820224.6	20.6	30.9	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-26	Area	842954.3	820218.7	20.4	25.3	0.0	63	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-27	Area	842980.1	820202.7	20.4	33.6	0.0	55	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-28	Area	842978.7	820181.8	6.2	15.8	0.0	5	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-29	Area	842957	820123.3	15.3	134.9	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-30	Area	843008.8	820192.6	16.3	33.8	0.0	-51	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-31	Area	843039.4	820213.4	17.1	36.9	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-32	Area	843072.3	820224.8	16.2	29.9	0.0	-78	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-33	Area	842348.2	820479.4	100.7	118.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-34	Area	842266	820458.6	34.9	36.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-35	Area	842388.7	820418.3	45.5	91.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-36	Area	842415.2	820392.9	27.7	61.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-37	Area	842484.1	820288.6	72.9	49.1	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-38	Area	842529.3	820259.7	29.7	28.2	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-39	Area	842445.2	820013.2	31.5	45.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-40	Area	842584.3	820123.2	110.2	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-41	Area	842620.6	820068.9	17.8	20.4	0.0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-42	Area	842589.7	820528.7	99.2	309.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-43	Area	842687.5	820486.9	107.5	216.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-44	Area	842874	820109.9	26.3	55.9	0.0	-30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-45	Area	842915.5	820170.9	31.0	87.2	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-46	Area	842567.6	820360.2	46.0	119.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-47	Area	842508.2	820381.1	71.2	25.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-48	Area	842779	820415.4	122.9	195.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-49	Area	842931.7	820289	112.9	72.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-50	Area	843003.8	820248	51.8	80.1	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-51	Area	843054.4	820251.9	26.8	36.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-52	Area	842555.6	820111.8	80.3	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-53	Area	842527.8	820096.4	60.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-54	Area	842502.5	820076.7	40.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-55	Area	842482.6	820033.8	73.4	38.6	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
	WC03_PH1-56	Area	842458.5	820578	120.1	123.9	0.0												

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at New Clear Water Bay Road/Shun Lee Tsuen Road & Clear Water Bay Road/On Sau Road)

Scenario: Tier 1 - Mitigated

Project Type [1]	Source ID	Source Type	Centroid Coordinates		Dimension		Height (m)	Angle / Width (deg / m)	1-hour/24-hour Assessment [2]						Annual Assessment [2]			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m ² /s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m ² /s)			Weekday's Day-time Emission Rates (g/m ² /s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m ² /s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The ARO Project [3]	WC03_PH1-62	Area	842748.8	820088.3	26.9	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-63	Area	842958.7	820178.7	25.1	23.1	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-64	Area	842958.6	820147.4	9.0	60.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-65	Area	842557.9	820214.5	74.9	11.4	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-66	Area	842482.7	820486.9	61.9	31.5	0.0	59	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-67	Area	842645.4	820165.3	69.8	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-68	Area	842674.2	820098.3	89.2	32.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-69	Area	842632.1	820368.8	44.2	33.9	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-70	Area	842606.3	820241.1	86.7	59.1	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-71	Area	842738.1	820294.4	57.3	50.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-72	Area	842679.9	820195.1	45.6	40.2	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-73	Area	842099.1	820373.1	33.8	85.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-74	Area	841974.6	820550.8	24.8	64.7	0.0	18	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC05-1	Area	842257.9	820377.1	79.9	116.3	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014). Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[3] For the Concurrent Rock Cavern Development Project, latest information of the Rock Cavern's worst-case assessment year in construction phase (i.e. Year 2018) were incorporated from a separate undertaking EIA for Development of Anderson Road Quarry Site – Rock Cavern Development under EIA Study Brief No. ESB-269/2014. Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

Emission Rates for 1-hour & 24-hr Average (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Location	Emission Factors	Unmitigated Emission Rates	Mitigated Emission Rates	Parameters	Remarks
Road Improvement Works Area (Lin Tak Road/ Sau Mau Ping Road)	Heavy Construction Area Source (g/m ² /s)	2.076E-04	2.595E-05	TSP emission factor (Mg/hectare/month of activity)	2.69 from AP-42, S13.2.3, 1/95 ed. derivation of the factor assumes that construction activity occurs 30 days per month ⁽¹⁾
				Percentage area actively operating (%)	100.0 conservative approach
				% of dust suppression	87.5 Refer to Appendix 4.6
		9.817E-05	1.227E-05	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/month of activity)	1.27E+00
		1.487E-05	1.858E-06	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/month of activity)	1.93E-01
	Wind erosion (g/m ² /s) (For night-time, Sunday and public holidays only)	2.695E-06	2.695E-06	TSP emission factor (Mg/hectare/yr)	0.85 AP-42, 5th ed., Table 11.9.4
				Percentage area actively operating (%)	100.0 conservative approach
			% of dust suppression	0	
	1.275E-06	1.275E-06	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/month of activity)	4.02E-01	
	1.930E-07	1.930E-07	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/month of activity)	6.09E-02	

Emission Rates for Annual Average (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Location	Emission Factors	Unmitigated Emission Rates	Mitigated Emission Rates	Parameters	Remarks
Road Improvement Works Area (Lin Tak Road/ Sau Mau Ping Road)	Heavy Construction Area Source (g/m ² /s)	2.076E-05	2.595E-06	TSP emission factor (Mg/hectare/month of activity)	2.69 from AP-42, S13.2.3, 1/95 ed. derivation of the factor assumes that construction activity occurs 30 days per month ⁽¹⁾
				Percentage area actively operating (%)	10.0 Assume Maximum of 10% Active Area on annual average
				% of dust suppression	87.5 Refer to Appendix 4.6
		9.817E-06	1.227E-06	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/month of activity)	1.27E+00
		1.487E-06	1.858E-07	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/month of activity)	1.93E-01
	Wind erosion (g/m ² /s) (For night-time, Sunday and public holidays only)	2.695E-07	2.695E-07	TSP emission factor (Mg/hectare/yr)	0.85 AP-42, 5th ed., Table 11.9.4
				Percentage area actively operating (%)	10.0 Assume Maximum of 10% Active Area on annual average
			% of dust suppression	0	
	1.275E-07	1.275E-07	RSP emission factor (TSP emission factor x 47%, k conversion factor of 0.35 / 0.74 = 0.47, Mg/hectare/month of activity)	4.02E-01	
	1.930E-08	1.930E-08	FSP emission factor (TSP emission factor x 7%, k conversion factor of 0.053 / 0.74 = 0.07, Mg/hectare/month of activity)	6.09E-02	

Note: (1) According to USEPA Compilation of Air Pollution Emission Factors (AP-42), 5th Edition, the derivation of the factor 2.69 Mg/hectare/month of activity assumes that construction activity occurs 30 days per month, it is used to derive a daily emission estimate of 0.0897 Mg/hectare/day (i.e. 2.69/30) for the use in the modelling assessment.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Unmitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The RIW Project	WC06_A2-01	Area	842670.1	819446.0	52.6	8.2	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-02	Area	842704.3	819471.7	33.1	9.0	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-03	Area	842730.3	819492.2	33.1	11.2	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-04	Area	842755.0	819514.4	33.1	13.6	0.0	45	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-05	Area	842732.8	819567.6	22.8	13.6	0.0	82	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-06	Area	842725.8	819589	27.8	13.6	0.0	-47	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-07	Area	842705.4	819607.8	27.8	13.6	0.0	-40	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-08	Area	842682.3	819622.7	27.8	13.6	0.0	-23	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-09	Area	842647.2	819629.7	47.6	16	0.0	-6	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-10	Area	842596.7	819622	55.3	16	0.0	20	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-11	Area	842551.6	819606.7	39.6	12.5	0.0	15	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-12	Area	842548.1	819621.2	38.7	17.1	0.0	16	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-13	Area	842585.3	819640.3	43.6	14.5	0.0	21	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-14	Area	842621.8	819651.8	32.9	15.7	0.0	8	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-15	Area	842655.6	819652.2	35.9	17.1	0.0	-7	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-16	Area	842684.4	819644.7	24.7	8.7	0.0	-21	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-17	Area	842708.7	819631.2	30.7	8.7	0.0	-34	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-18	Area	842719.6	819636.0	23.4	8.0	0.0	-53	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-19	Area	842738.2	819607.9	43.6	13.1	0.0	-48	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-20	Area	842767.0	819575.0	43.6	13.1	0.0	-48	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-21	Area	842789.0	819546.9	27.6	18.2	0.0	-48	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-22	Area	842845.8	819453.6	27.8	11.9	0.0	-89	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-23	Area	842841.2	819480.6	27.8	11.9	0.0	-68	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-24	Area	842830.9	819501.3	18.2	9.8	0.0	-58	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-25	Area	842815.9	819518.7	27.8	9.0	0.0	-43	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-26	Area	842787.8	819543.2	46.7	8.9	0.0	-40	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-27	Area	842752.9	819574.2	46.7	8.0	0.0	-45	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-28	Area	842723.4	819603.2	35.9	8.0	0.0	-45	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-29	Area	842695.8	819625.5	35.9	8.0	0.0	-32	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-30	Area	842670.2	819637.4	21.8	8.0	0.0	-13	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-31	Area	842648.8	819641.2	21.8	8.0	0.0	-7	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-32	Area	842627.0	819641.6	21.8	8.0	0.0	5	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-33	Area	842605.9	819637.3	21.8	8.0	0.0	14	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-34	Area	842581.3	819628.8	30.4	7.1	0.0	21	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-35	Area	842528.5	819231.3	20.3	15.3	0.0	-9	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-36	Area	842587.9	819138.8	100.7	15.3	0.0	-66	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-37	Area	842901.2	819440.1	58.6	15.3	0.0	0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-38	Area	842673.6	819300.2	137.0	17.6	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-39	Area	842748.4	819349.2	43.7	15.3	0.0	25	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-40	Area	842788.3	819368.5	43.7	15.3	0.0	29	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-41	Area	842817.3	819389.2	26.4	15.3	0.0	45	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-42	Area	842838.5	819428.9	26.4	15.3	0.0	75	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-43	Area	842830.7	819407.6	16.0	15.3	0.0	59	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-44	Area	842835.7	819455.5	24.4	7.6	0.0	-86	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-45	Area	842829.6	819479.9	24.4	7.6	0.0	-68	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-46	Area	842809.5	819511.6	49.1	7.6	0.0	-52	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-47	Area	842786.7	819530.6	9.9	5.9	0.0	-3	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-48	Area	842627.0	819417.0	50.4	9.2	0.0	33	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-49	Area	842675.6	819460.4	26.4	8.2	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-50	Area	842655.7	819442.9	26.4	4.3	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-51	Area	842698.5	819479.4	33.1	10.3	0.0	37	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E			

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Unmitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
Lin Tak Road/Sau Mau Ping Road RIW [1]	WC06_A2-62	Area	842722.6	819572.8	11.4	6.8	0.0	82	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-63	Area	842829.7	819546.0	43.7	24.4	0.0	-43	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-64	Area	842873.3	819502.0	35.5	24.0	0.0	-71	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-65	Area	842880.3	819466.3	35.0	17.7	0.0	-81	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-66	Area	842876.9	819416.7	33.6	25.5	0.0	76	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-67	Area	842856.8	819385.5	33.6	14.5	0.0	55	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-68	Area	842835.6	819358.7	33.6	15.4	0.0	45	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-69	Area	842807.9	819333.6	35.3	25.9	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-70	Area	842752.4	819302.6	91.5	37.2	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-71	Area	842676.7	819249.2	91.5	58.3	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-72	Area	842848.3	819519.2	17.9	9.3	0.0	-63	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-73	Area	842841.1	819508.5	24.2	14.1	0.0	-56	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-74	Area	842856.2	819485.3	27.8	19.5	0.0	-68	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-75	Area	842862.0	819455.1	27.8	20.3	0.0	89	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-76	Area	842856.3	819425.7	27.8	19.5	0.0	75	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-77	Area	842845.7	819399.8	27.8	16.7	0.0	65	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-78	Area	842827.7	819375.7	27.8	18.6	0.0	46	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-79	Area	842799.1	819354.8	38.4	18.4	0.0	30	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-80	Area	842758.6	819334.9	50.9	17.3	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-81	Area	842704.3	819304.9	72.9	11.5	0.0	32	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-82	Area	842666.6	819276.6	31.2	7.1	0.0	35	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-83	Area	842855.0	819506.4	11.2	7.7	0.0	-71	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-84	Area	842503.8	819614.3	54.2	17.1	0.0	0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-85	Area	842504.1	819602.0	55.1	7.3	0.0	0	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-86	Area	842774.5	819534.4	22.4	14.3	0.0	47	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-87	Area	842571.5	819209.4	34.1	7.3	0.0	-62	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-88	Area	842559.3	819204.1	42.3	19.0	0.0	-62	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-89	Area	842552.5	819231.9	27.8	15.4	0.0	7	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-90	Area	842573.5	819237.3	14.8	13.3	0.0	21	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
	WC06_A2-91	Area	842599.9	819249.2	43.7	12.5	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08
WC06_A2-92	Area	842612.6	819246.6	25.9	3.2	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-93	Area	842590.6	819235.9	23.1	3.2	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-94	Area	842609.6	819226.1	50.3	30.7	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-95	Area	842580.6	819219.3	8.7	4.2	0.0	28	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-96	Area	842580.4	819224.2	5.0	4.8	0.0	28	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-97	Area	842574.7	819216.2	4.7	4.2	0.0	28	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-98	Area	842574.3	819221.1	8.6	4.8	0.0	28	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-99	Area	842583.7	819207.4	19.9	12.2	0.0	-62	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-100	Area	842574.4	819227.0	14.2	5.7	0.0	28	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
WC06_A2-101	Area	842620.1	819181.7	69.3	58.3	0.0	26	2.08E-04	9.82E-05	1.49E-05	2.70E-06	1.27E-06	1.93E-07	9.82E-06	1.49E-06	1.27E-07	1.93E-08	
Concurrent Projects																		
The ARO Project [2]																		
SP01-1																		
Area																		
841972.2																		
821076.6																		
90.4																		
173.2																		
0.0																		
-47																		
8.37E-06																		
3.96E-06																		
5.96E-07																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
7.72E-06																		
5.82E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5A-1																		
Area																		
841711.1																		
819980.9																		
22.2																		
27.8																		
0.0																		
-33																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5A-2																		
Area																		
841696																		
819949.2																		
17.7																		
38.1																		
0.0																		
-9																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5A-3																		
Area																		
841674.2																		
819918.6																		
17.4																		
30.2																		
0.0																		
-56																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5A-4																		
Area																		
841649.1																		
819881.1																		
20.3																		
54.2																		
0.0																		
-25																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5A-5																		
Area																		
841659																		
819872.7																		
4.8																		
35.0																		
0.0																		
-25																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5A-6																		
Area																		
841662.4																		
819865.4																		
7.5																		
10.4																		
0.0																		
-25																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5B-1																		
Area																		
841851.6																		
819802.8																		
9.8																		
87.8																		
0.0																		
-67																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		
9.51E-07																		
1.44E-07																		
1.30E-07																		
1.90E-08																		
WC01_PL5B-2																		
Area																		
841794.6																		
819717.4																		
49.0																		
12.5																		
0.0																		
-70																		
2.01E-05																		
9.51E-06																		
1.44E-06																		
2.70E-06																		
1.27E-06																		
1.90E-07																		

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Unmitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
Pedestrian Connectivity [A]	WC02_PL7-7	Area	842537.2	819663.8	41.4	30.3	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-8	Area	842327.9	819760.7	7.6	13.7	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-9	Area	842307.5	819684.7	14.3	9.8	0.0	37	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-1	Area	841866.5	820804.7	57.0	107.2	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-2	Area	841935	820675	28.5	193.7	0.0	19	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-3	Area	842068.9	820468.6	20.4	229.0	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-4	Area	842040.6	820443.6	33.8	97.4	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-5	Area	841998.2	820501.3	30.7	40.7	0.0	30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-6	Area	842043.1	820364.6	37.9	60.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-7	Area	842154.6	820485	79.4	128.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-8	Area	842237.7	820516.6	28.9	41.7	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-9	Area	842220.7	820567.6	72.0	77.0	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-10	Area	842255.4	820489.2	26.9	294.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-11	Area	842404.9	820529.1	24.8	93.6	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-12	Area	842446.6	820444.9	19.6	89.2	0.0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-13	Area	842470.2	820367.2	21.5	70.2	0.0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-14	Area	842522	820303.1	18.1	91.0	0.0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-15	Area	842572.2	820222.6	15.4	95.8	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-16	Area	842607.7	820136	14.8	91.4	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-17	Area	842639.4	820078.5	15.4	35.9	0.0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-18	Area	842669.7	820060	14.0	30.3	0.0	71	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-19	Area	842715.1	820053.6	14.7	58.0	0.0	89	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-20	Area	842775.6	820063.2	13.9	61.3	0.0	-72	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-21	Area	842828	820090.1	13.7	53.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
WC03_PH1-22	Area	842857.1	820121.2	13.1	27.8	0.0	-32	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-23	Area	842873.4	820164.5	13.8	62.3	0.0	-15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-24	Area	842892.3	820207.9	15.5	27.2	0.0	-46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-25	Area	842922.8	820224.6	20.6	30.9	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-26	Area	842954.3	820218.7	20.4	25.3	0.0	63	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-27	Area	842980.1	820202.7	20.4	33.6	0.0	55	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-28	Area	842978.7	820181.8	6.2	15.8	0.0	5	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-29	Area	842957	820123.3	15.3	134.9	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-30	Area	843008.8	820192.6	16.3	33.8	0.0	-51	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-31	Area	843039.4	820213.4	17.1	36.9	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-32	Area	843072.3	820224.8	16.2	29.9	0.0	-78	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-33	Area	842348.2	820479.4	100.7	118.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-34	Area	842266	820458.6	34.9	36.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-35	Area	842388.7	820418.3	45.5	91.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-36	Area	842415.2	820392.9	27.7	61.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-37	Area	842484.1	820288.6	72.9	49.1	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-38	Area	842529.3	820259.7	29.7	28.2	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-39	Area	842445.2	820013.2	31.5	45.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-40	Area	842584.3	820123.2	110.2	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-41	Area	842620.6	820068.9	17.8	20.4	0.0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-42	Area	842589.7	820528.7	99.2	309.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-43	Area	842687.5	820486.9	107.5	216.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-44	Area	842874	820109.9	26.3	55.9	0.0	-30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-45	Area	842915.5	820170.9	31.0	87.2	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-46	Area	842567.6	820360.2	46.0	119.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-47	Area	842508.2	820381.1	71.2	25.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-48	Area	84277.9	820415.4	122.9	195.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1					

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Unmitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height (m)	Angle / Width (deg / m)	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The ARQ Project [2]	WC03_PH1-60	Area	842862.6	820233.5	57.7	95.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-61	Area	842808.4	820144.8	64.4	112.4	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-62	Area	842748.8	820088.3	26.9	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-63	Area	842958.7	820178.7	25.1	23.1	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-64	Area	842958.6	820147.4	9.0	60.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-65	Area	842557.9	820214.5	74.9	11.4	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-66	Area	842482.7	820486.9	61.9	31.5	0.0	59	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-67	Area	842645.4	820165.3	69.8	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-68	Area	842674.2	820098.3	89.2	32.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-69	Area	842632.1	820368.8	44.2	33.9	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-70	Area	842606.3	820241.1	86.7	59.1	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-71	Area	842738.1	820294.4	57.3	50.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-72	Area	842679.9	820195.1	45.6	40.2	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-73	Area	842099.1	820373.1	33.8	85.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-74	Area	841974.6	820550.8	24.8	64.7	0.0	18	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC05-1	Area	842257.9	820377.1	79.9	116.3	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014) . Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Tier 1 - Mitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The RW Project																		
	WC06_A2-01	Area	842670.1	819446.0	52.6	8.2	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-02	Area	842704.3	819471.7	33.1	9.0	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-03	Area	842730.3	819492.2	33.1	11.2	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-04	Area	842755.0	819514.4	33.1	13.6	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-05	Area	842732.8	819567.6	22.8	13.6	0.0	82	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-06	Area	842725.8	819589	27.8	13.6	0.0	-47	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-07	Area	842705.4	819607.8	27.8	13.6	0.0	-40	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-08	Area	842682.3	819622.7	27.8	13.6	0.0	-23	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-09	Area	842647.2	819629.7	47.6	16	0.0	-6	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-10	Area	842596.7	819622	55.3	16	0.0	20	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-11	Area	842551.6	819606.7	39.6	12.5	0.0	15	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-12	Area	842548.1	819621.2	38.7	17.1	0.0	16	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-13	Area	842585.3	819640.3	43.6	14.5	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-14	Area	842621.8	819651.8	32.9	15.7	0.0	8	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-15	Area	842655.6	819652.2	35.9	17.1	0.0	-7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-16	Area	842684.4	819644.7	24.7	8.7	0.0	-21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-17	Area	842708.7	819631.2	30.7	8.7	0.0	-34	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-18	Area	842719.6	819636.0	23.4	8.0	0.0	-53	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-19	Area	842738.2	819607.9	43.6	13.1	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-20	Area	842767.0	819575.0	43.6	13.1	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-21	Area	842789.0	819546.9	27.6	18.2	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-22	Area	842845.8	819453.6	27.8	11.9	0.0	-89	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-23	Area	842841.2	819480.6	27.8	11.9	0.0	-68	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-24	Area	842830.9	819501.3	18.2	9.8	0.0	-58	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-25	Area	842815.9	819518.7	27.8	9.0	0.0	-43	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-26	Area	842787.8	819543.2	46.7	8.9	0.0	-40	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-27	Area	842752.9	819574.2	46.7	8.0	0.0	-45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-28	Area	842723.4	819603.2	35.9	8.0	0.0	-45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-29	Area	842695.8	819625.5	35.9	8.0	0.0	-32	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-30	Area	842670.2	819637.4	21.8	8.0	0.0	-13	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
Lin Tak Road/Sau Mau Ping Road RW ^[1]	WC06_A2-31	Area	842648.8	819641.2	21.8	8.0	0.0	-7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-32	Area	842627.0	819641.6	21.8	8.0	0.0	5	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-33	Area	842605.9	819637.3	21.8	8.0	0.0	14	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-34	Area	842581.3	819628.8	30.4	7.1	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-35	Area	842528.5	819231.3	20.3	15.3	0.0	-9	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-36	Area	842587.9	819138.8	100.7	15.3	0.0	-66	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-37	Area	842901.2	819440.1	58.6	15.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-38	Area	842673.6	819300.2	137.0	17.6	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-39	Area	842748.4	819349.2	43.7	15.3	0.0	25	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-40	Area	842788.3	819368.5	43.7	15.3	0.0	29	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-41	Area	842817.3	819389.2	26.4	15.3	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-42	Area	842838.5	819428.9	26.4	15.3	0.0	75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-43	Area	842830.7	819407.6	16.0	15.3	0.0	59	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-44	Area	842835.7	819455.5	24.4	7.6	0.0	-86	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-45	Area	842829.6	819479.9	24.4	7.6	0.0	-68	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-46	Area	842809.5	819511.6	49.1	7.6	0.0	-52	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-47	Area	842786.7	819530.6	9.9	5.9	0.0	-3	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-48	Area	842627.0	819417.0	50.4	9.2	0.0	33	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-49	Area	842675.6	819460.4	26.4	8.2	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08
	WC06_A2-50	Area	842655.7	819442.9	26.4	4.3	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08</

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Tier 1 - Mitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment					
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP		
Lin Tak Road/Sau Mau Ping Road RIW [1]	WC06_A2-58	Area	842662.1	819603.8	52.4	26.7	0.0	-10	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-59	Area	842599.3	819593.8	73.4	37.2	0.0	24	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-60	Area	842517.9	819590.4	82.0	15.8	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-61	Area	842491.6	819577.9	29.5	9.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-62	Area	842722.6	819572.8	11.4	6.8	0.0	82	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-63	Area	842829.7	819546.0	43.7	24.4	0.0	-43	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-64	Area	842873.3	819502.0	35.5	24.0	0.0	-71	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-65	Area	842880.3	819466.3	35.0	17.7	0.0	-81	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-66	Area	842876.9	819416.7	33.6	25.5	0.0	76	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-67	Area	842856.8	819385.5	33.6	14.5	0.0	55	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-68	Area	842835.6	819358.7	33.6	15.4	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-69	Area	842807.9	819333.6	35.3	25.9	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-70	Area	842752.4	819302.6	91.5	37.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-71	Area	842676.7	819249.2	91.5	58.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-72	Area	842848.3	819519.2	17.9	9.3	0.0	-63	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-73	Area	842841.1	819508.5	24.2	14.1	0.0	-56	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-74	Area	842856.2	819485.3	27.8	19.5	0.0	-68	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-75	Area	842862.0	819455.1	27.8	20.3	0.0	89	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-76	Area	842856.3	819425.7	27.8	19.5	0.0	75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-77	Area	842845.7	819399.8	27.8	16.7	0.0	65	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-78	Area	842827.7	819375.7	27.8	18.6	0.0	46	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-79	Area	842799.1	819354.8	38.4	18.4	0.0	30	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-80	Area	842758.6	819334.9	50.9	17.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-81	Area	842704.3	819304.9	72.9	11.5	0.0	32	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-82	Area	842660.6	819276.6	31.2	7.1	0.0	35	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-83	Area	842855.0	819506.4	11.2	7.7	0.0	-71	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-84	Area	842503.8	819614.3	54.2	17.1	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-85	Area	842504.1	819602.0	55.1	7.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-86	Area	842774.5	819534.4	22.4	14.3	0.0	47	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-87	Area	842571.5	819209.4	34.1	7.3	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-88	Area	842559.3	819204.1	42.3	19.0	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-89	Area	842552.5	819231.9	27.8	15.4	0.0	7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-90	Area	842573.5	819237.3	14.8	13.3	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-91	Area	842599.9	819249.2	43.7	12.5	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-92	Area	842612.6	819246.6	25.9	3.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-93	Area	842590.6	819235.9	23.1	3.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-94	Area	842609.6	819226.1	50.3	30.7	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-95	Area	842580.6	819219.3	8.7	4.2	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-96	Area	842580.4	819224.2	5.0	4.8	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-97	Area	842574.7	819216.2	4.7	4.2	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-98	Area	842574.3	819221.1	8.6	4.8	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-99	Area	842583.7	819207.4	19.9	12.2	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-100	Area	842574.4	819227.0	14.2	5.7	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	WC06_A2-101	Area	842620.1	819181.7	69.3	58.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	1.23E-06	1.86E-07	1.27E-07	1.93E-08		
	Concurrent Projects																			
	The ARO Project [2]																			
	Pedestrian Connectivity [2]	SP01-1	Area	841972.2	821076.6	90.4	173.2	0.0	-47	8.37E-06	3.96E-06	5.96E-07	2.70E-06	1.27E-06	1.90E-07	7.72E-06	5.82E-07	1.30E-07	1.90E-08	
		WC01_PL5A-1	Area	841711.1	819980.9	22.2	27.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
		WC01_PL5A-2	Area	841696	819949.2	17.7	38.1	0.0	-9	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
		WC01_PL5A-3	Area	841674.2	819918.6	17.4	30.2	0.0	-56	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
		WC01_PL5A-4	Area	841649.1	819881.1	20.3	54.2	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
		WC01_PL5A-5	Area	841659	819872.7	4.8	35.0	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
		WC01_PL5A-6	Area	841662.4	819865.4	7.5	10.4	0.0												

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Tier 1 - Mitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
	WC01_PL5B-8	Area	841770.3	819705.9	42.9	11.6	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-1	Area	842321.1	819702.8	17.5	30.5	0.0	-8	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-2	Area	842322.2	819779.2	22.6	24.9	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-3	Area	842342	819753.7	10.4	38.9	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-4	Area	842320.3	819724.7	11.0	12.2	0.0	-6	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-5	Area	842503.3	819659	27.0	67.0	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-6	Area	842542.3	819641.6	43.1	15.2	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
Pedestrian Connectivity [2]	WC02_PL7-7	Area	842537.2	819663.8	41.4	30.3	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-8	Area	842327.9	819760.7	7.6	13.7	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC02_PL7-9	Area	842307.5	819684.7	14.3	9.8	0.0	-37	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-1	Area	841866.5	820804.7	57.0	107.2	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-2	Area	841935	820675	28.5	193.7	0.0	19	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-3	Area	842068.9	820468.6	20.4	229.0	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-4	Area	842040.6	820443.6	33.8	97.4	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
The ARO Project [2]	WC03_PH1-5	Area	841998.2	820501.3	37.7	40.7	0.0	30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-6	Area	842043.1	820364.6	30.9	60.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-7	Area	842154.6	820485	79.4	128.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-8	Area	842237.7	820516.6	28.9	41.7	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-9	Area	842220.7	820567.6	72.0	77.0	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-10	Area	842255.4	820489.2	26.9	294.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-11	Area	842404.9	820529.1	24.8	93.6	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-12	Area	842446.6	820444.9	19.6	89.2	0.0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-13	Area	842470.2	820367.2	21.5	70.2	0.0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-14	Area	842522	820303.1	18.1	91.0	0.0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-15	Area	842572.2	820222.6	15.4	95.8	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-16	Area	842607.7	820136	14.8	91.4	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-17	Area	842639.4	820078.5	15.4	35.9	0.0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-18	Area	842669.7	820060	14.0	30.3	0.0	71	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-19	Area	842715.1	820053.6	14.7	58.0	0.0	89	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-20	Area	842775.6	820063.2	13.9	61.3	0.0	-72	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-21	Area	842828	820090.1	13.7	53.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-22	Area	842857.1	820121.2	13.1	27.8	0.0	-32	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-23	Area	842873.4	820164.5	13.8	62.3	0.0	-15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-24	Area	842892.3	820207.9	15.5	27.2	0.0	-46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-25	Area	842922.8	820224.6	20.6	30.9	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-26	Area	842954.3	820218.7	20.4	25.3	0.0	63	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-27	Area	842980.1	820202.7	20.4	33.6	0.0	55	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-28	Area	842978.7	820181.8	6.2	15.8	0.0	5	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-29	Area	842957	820123.3	15.3	134.9	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-30	Area	843008.8	820192.6	16.3	33.8	0.0	-51	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-31	Area	843039.4	820213.4	17.1	36.9	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-32	Area	843072.3	820224.8	16.2	29.9	0.0	-78	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-33	Area	842348.2	820479.4	100.7	118.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-34	Area	842266	820458.6	34.9	36.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-35	Area	842388.7	820418.3	45.5	91.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-36	Area	842415.2	820392.9	27.7	61.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-37	Area	842484.1	820288.6	72.9	49.1	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-38	Area	842529.3	820259.7	29.7	28.2	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-39	Area	842445.2	820013.2	31.5	45.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-40	Area	842584.3	820123.2	110.2	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-41	Area	842620.6	820068.9	17.8	20.4	0.0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27					

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario: Tier 1 - Mitigated

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment						Annual Assessment			
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			Weekday's Day-time Emission Rates (g/m2/s)		Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)	
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP	RSP	FSP	RSP	FSP
The ARQ Project [2]	WC03_PH1-50	Area	843003.8	820248	51.8	80.1	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-51	Area	843054.4	820251.9	26.8	36.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-52	Area	842555.6	820111.8	80.3	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-53	Area	842527.8	820096.4	60.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-54	Area	842502.5	820076.7	40.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-55	Area	842482.6	820033.8	73.4	38.6	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-56	Area	842458.5	820578	120.1	123.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-57	Area	842508.5	820352.7	38.6	19.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-58	Area	842593.8	820309.2	25.7	95.7	0.0	-54	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-59	Area	842783.2	820237.9	79.3	320.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-60	Area	842862.6	820233.5	57.7	95.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-61	Area	842808.4	820144.8	64.4	112.4	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-62	Area	842748.8	820088.3	26.9	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-63	Area	842958.7	820178.7	25.1	23.1	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-64	Area	842958.6	820147.4	9.0	60.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-65	Area	842557.9	820214.5	74.9	11.4	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-66	Area	842482.7	820486.9	61.9	31.5	0.0	59	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-67	Area	842645.4	820165.3	69.8	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-68	Area	842674.2	820098.3	89.2	32.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
	WC03_PH1-69	Area	842632.1	820368.8	44.2	33.9	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08
WC03_PH1-70	Area	842606.3	820241.1	86.7	59.1	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-71	Area	842738.1	820294.4	57.3	50.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-72	Area	842679.9	820195.1	45.6	40.2	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-73	Area	842099.1	820373.1	33.8	85.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC03_PH1-74	Area	841974.6	820550.8	24.8	64.7	0.0	18	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	
WC05-1	Area	842257.9	820377.1	79.9	116.3	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	9.51E-07	1.44E-07	1.30E-07	1.90E-08	

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014). Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario - Tier 2 - Mitigated (For DAR Site E)

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment					
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)		
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP
The RIW Project														
	WC06_A2-01	Area	842670.1	819446.0	52.6	8.2	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-02	Area	842704.3	819471.7	33.1	9.0	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-03	Area	842730.3	819492.2	33.1	11.2	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-04	Area	842755.0	819514.4	33.1	13.6	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-05	Area	842732.8	819567.6	22.8	13.6	0.0	82	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-06	Area	842725.8	819589	27.8	13.6	0.0	-47	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-07	Area	842705.4	819607.8	27.8	13.6	0.0	-40	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-08	Area	842682.3	819622.7	27.8	13.6	0.0	-23	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-09	Area	842647.2	819629.7	47.6	16	0.0	-6	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-10	Area	842596.7	819622	55.3	16	0.0	20	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-11	Area	842551.6	819606.7	39.6	12.5	0.0	15	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-12	Area	842548.1	819621.2	38.7	17.1	0.0	16	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-13	Area	842585.3	819640.3	43.6	14.5	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-14	Area	842621.8	819651.8	32.9	15.7	0.0	8	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-15	Area	842655.6	819652.2	35.9	17.1	0.0	-7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-16	Area	842684.4	819644.7	24.7	8.7	0.0	-21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-17	Area	842708.7	819631.2	30.7	8.7	0.0	-34	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-18	Area	842719.6	819636.0	23.4	8.0	0.0	-53	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-19	Area	842738.2	819607.9	43.6	13.1	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-20	Area	842767.0	819575.0	43.6	13.1	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-21	Area	842789.0	819546.9	27.6	18.2	0.0	-48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-22	Area	842845.8	819453.6	27.8	11.9	0.0	-89	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-23	Area	842841.2	819480.6	27.8	11.9	0.0	-68	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-24	Area	842830.9	819501.3	18.2	9.8	0.0	-58	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-25	Area	842815.9	819518.7	27.8	9.0	0.0	-43	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-26	Area	842787.8	819543.2	46.7	8.9	0.0	-40	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-27	Area	842752.9	819574.2	46.7	8.0	0.0	-45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-28	Area	842723.4	819603.2	35.9	8.0	0.0	-45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-29	Area	842695.8	819625.5	35.9	8.0	0.0	-32	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-30	Area	842670.2	819637.4	21.8	8.0	0.0	-13	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-31	Area	842648.8	819641.2	21.8	8.0	0.0	-7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-32	Area	842627.0	819641.6	21.8	8.0	0.0	5	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-33	Area	842605.9	819637.3	21.8	8.0	0.0	14	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-34	Area	842581.3	819628.8	30.4	7.1	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-35	Area	842528.5	819231.3	20.3	15.3	0.0	-9	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-36	Area	842587.9	819138.8	100.7	15.3	0.0	-66	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-37	Area	842901.2	819440.1	58.6	15.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-38	Area	842673.6	819300.2	137.0	17.6	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-39	Area	842748.4	819349.2	43.7	15.3	0.0	25	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-40	Area	842788.3	819368.5	43.7	15.3	0.0	29	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-41	Area	842817.3	819389.2	26.4	15.3	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-42	Area	842838.5	819428.9	26.4	15.3	0.0	75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-43	Area	842830.7	819407.6	16.0	15.3	0.0	59	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-44	Area	842835.7	819455.5	24.4	7.6	0.0	-86	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-45	Area	842829.6	819479.9	24.4	7.6	0.0	-68	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-46	Area	842809.5	819511.6	49.1	7.6	0.0	-52	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-47	Area	842786.7	819530.6	9.9	5.9	0.0	-3	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-48	Area	842627.0	819417.0	50.4	9.2	0.0	33	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-49	Area	842675.6	819460.4	26.4	8.2	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-50	Area	842655.7	819442.9	26.4	4.3	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-51	Area	842698.5	819479.4	33.1	10.3	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-52	Area	842723.4	819501.4	33.1	11.8	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-53	Area	842747.3	819524.1	32.0	11.1	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-54	Area	842765.9	819542.7	20.1	9.7	0.0	48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-55	Area	842701.4	819584.2	33.6	26.0	0.0	-43	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-56	Area	842707.7	819548.1	43.7	23.7	0.0	48	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-57	Area	842817.1	819532.5	43.7	12.2	0.0	-43	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-58	Area	842662.1	819603.8	52.4	26.7	0.0	-10	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-59	Area	842599.3	819593.8	73.4	37.2	0.0	24	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-60	Area	842517.9	819590.4	82.0	15.8	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-61	Area	842491.6	819577.9	29.5	9.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-62	Area	842722.6	819572.8	11.4	6.8	0.0	82	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-63	Area	842829.7	819546.0	43.7	24.4	0.0	-43	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-64	Area	842873.3	819502.0	35.5	24.0	0.0	-71	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario - Tier 2 - Mitigated (For DAR Site E)

Project Type	Source ID	Source Type	Centriod Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment					
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)		
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP
Lin Tak Road/Sau Mau Ping Road RIW ^[1]	WC06_A2-65	Area	842880.3	819466.3	35.0	17.7	0.0	-81	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-66	Area	842876.9	819416.7	33.6	25.5	0.0	76	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-67	Area	842856.8	819385.5	33.6	14.5	0.0	55	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-68	Area	842835.6	819358.7	33.6	15.4	0.0	45	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-69	Area	842807.9	819333.6	35.3	25.9	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-70	Area	842752.4	819302.6	91.5	37.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-71	Area	842676.7	819249.2	91.5	58.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-72	Area	842848.3	819519.2	17.9	9.3	0.0	-63	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-73	Area	842841.1	819508.5	24.2	14.1	0.0	-56	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-74	Area	842856.2	819485.3	27.8	19.5	0.0	-68	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-75	Area	842862.0	819455.1	27.8	20.3	0.0	89	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-76	Area	842856.3	819425.7	27.8	19.5	0.0	75	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-77	Area	842845.7	819399.8	27.8	16.7	0.0	65	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-78	Area	842827.7	819375.7	27.8	18.6	0.0	46	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-79	Area	842799.1	819354.8	38.4	18.4	0.0	30	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-80	Area	842758.6	819334.9	50.9	17.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-81	Area	842704.3	819304.9	72.9	11.5	0.0	32	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-82	Area	842660.6	819276.6	31.2	7.1	0.0	35	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-83	Area	842855.0	819506.4	11.2	7.7	0.0	-71	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-84	Area	842503.8	819614.3	54.2	17.1	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-85	Area	842504.1	819602.0	55.1	7.3	0.0	0	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-86	Area	842774.5	819534.4	22.4	14.3	0.0	47	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-87	Area	842571.5	819209.4	34.1	7.3	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-88	Area	842559.3	819204.1	42.3	19.0	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-89	Area	842552.5	819231.9	27.8	15.4	0.0	7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-90	Area	842573.5	819237.3	14.8	13.3	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-91	Area	842599.9	819249.2	43.7	12.5	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-92	Area	842612.6	819246.6	25.9	3.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-93	Area	842590.6	819235.9	23.1	3.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-94	Area	842609.6	819226.1	50.3	30.7	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
WC06_A2-95	Area	842580.6	819219.3	8.7	4.2	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
WC06_A2-96	Area	842580.4	819224.2	5.0	4.8	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
WC06_A2-97	Area	842574.7	819216.2	4.7	4.2	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
WC06_A2-98	Area	842574.3	819221.1	8.6	4.8	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
WC06_A2-99	Area	842583.7	819207.4	19.9	12.2	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
WC06_A2-100	Area	842574.4	819227.0	14.2	5.7	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
WC06_A2-101	Area	842620.1	819181.7	69.3	58.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
Concurrent Projects														
The ARQ Project ^[2]	SP01-1	Area	841972.0	821077.0	90.4	173.2	0	-47	8.37E-06	3.96E-06	6.00E-07	2.20E-07	1.27E-06	1.90E-07
	WC01_PL5A-1	Area	841711.0	819981.0	22.2	27.8	0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
Pedestrian Connectivity ^[2]	WC01_PL5A-2	Area	841696.0	819949.0	17.7	38.1	0	-9	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-3	Area	841674.0	819919.0	17.4	30.2	0	-56	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-4	Area	841649.0	819881.0	20.3	54.2	0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-5	Area	841659.0	819873.0	4.8	35	0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-6	Area	841662.0	819865.0	7.5	10.4	0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-1	Area	841852.0	819803.0	9.8	87.8	0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-2	Area	841795.0	819717.0	49	12.5	0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-3	Area	841804.0	819691.0	6.8	11.4	0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-4	Area	841894.0	819842.0	42.2	12.5	0	-79	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-5	Area	841835.0	819781.0	17.5	39.4	0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-6	Area	841797.0	819776.0	40.5	34.1	0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-7	Area	841783.0	819709.0	45.7	14.8	0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-8	Area	841770.0	819706.0	42.9	11.6	0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-1	Area	842321.0	819703.0	17.5	30.5	0	-8	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-2	Area	842322.0	819779.0	22.6	24.9	0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-3	Area	842342.0	819754.0	10.4	38.9	0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-4	Area	842320.0	819725.0	11	12.2	0	-6	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-5	Area	842503.0	819659.0	27	67	0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-6	Area	842542.0	819642.0	43.1	15.2	0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-7	Area	842537.0	819664.0	41.4	30.3	0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
WC02_PL7-8	Area	842328.0	819761.0	7.6	13.7	0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC02_PL7-9	Area	842308.0	819685.0	14.3	9.8	0	-37	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-1	Area	842447.0	820445.0	19.6	89.2	0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-2	Area	842470.0	820367.0	21.5	70.2	0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario - Tier 2 - Mitigated (For DAR Site E)

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment					
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)		
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP
The ARO Project [2]	WC03_PH1-3	Area	842522.0	820303.0	18.1	91	0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-4	Area	842572.0	820223.0	15.4	95.8	0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-5	Area	842608.0	820136.0	14.8	91.4	0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-6	Area	842639.0	820079.0	15.4	35.9	0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-7	Area	842329.0	820457.0	89.4	59.1	0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-8	Area	842389.0	820418.0	45.5	91.8	0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-9	Area	842415.0	820393.0	27.7	61.5	0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-10	Area	842484.0	820289.0	72.9	49.1	0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-11	Area	842529.0	820260.0	29.7	28.2	0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-12	Area	842445.0	820013.0	31.5	45.2	0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-13	Area	842584.0	820123.0	110.2	29.9	0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-14	Area	842621.0	820069.0	17.8	20.4	0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-15	Area	842508.0	820381.0	71.2	25.8	0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-16	Area	842556.0	820112.0	80.3	29.9	0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-17	Area	842528.0	820096.0	60.4	29.9	0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-18	Area	842503.0	820077.0	40.4	29.9	0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-19	Area	842483.0	820034.0	73.4	38.6	0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-20	Area	842509.0	820353.0	38.6	19.6	0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-21	Area	842594.0	820309.0	25.7	95.7	0	-54	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-22	Area	842558.0	820215.0	74.9	11.4	0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-23	Area	842606.0	820241.0	86.7	59.1	0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC05-1	Area	842258.0	820377.0	79.9	116.3	0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014) . Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario - Tier 2 - Mitigated (for ASECP and TTE-3)

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment					
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m ² /s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m ² /s)		
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP
The RIW Project														
Lin Tak Road/Sau Mau Ping Road RIW ^[1]	WC06_A2-35	Area	842528.5	819231.3	20.3	15.3	0.0	-9	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-36	Area	842587.9	819138.8	100.7	15.3	0.0	-66	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-87	Area	842571.5	819209.4	34.1	7.3	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-88	Area	842559.3	819204.1	42.3	19.0	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-89	Area	842552.5	819231.9	27.8	15.4	0.0	7	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-90	Area	842573.5	819237.3	14.8	13.3	0.0	21	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-91	Area	842599.9	819249.2	43.7	12.5	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-92	Area	842612.6	819246.6	25.9	3.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-93	Area	842590.6	819235.9	23.1	3.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-94	Area	842609.6	819226.1	50.3	30.7	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-95	Area	842580.6	819219.3	8.7	4.2	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-96	Area	842580.4	819224.2	5.0	4.8	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-97	Area	842574.7	819216.2	4.7	4.2	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-98	Area	842574.3	819221.1	8.6	4.8	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-99	Area	842583.7	819207.4	19.9	12.2	0.0	-62	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-100	Area	842574.4	819227.0	14.2	5.7	0.0	28	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	WC06_A2-101	Area	842620.1	819181.7	69.3	58.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07
	Concurrent Projects													
The ARO Project ^[2]														
Pedestrian Connectivity ^[2]	SP01-1	Area	841972.2	821076.6	90.4	173.2	0.0	-47	8.37E-06	3.96E-06	5.96E-07	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-1	Area	841711.1	819980.9	22.2	27.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-2	Area	841696	819949.2	17.7	38.1	0.0	-9	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-3	Area	841674.2	819918.6	17.4	30.2	0.0	-56	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-4	Area	841649.1	819881.1	20.3	54.2	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-5	Area	841659	819872.7	4.8	35.0	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5A-6	Area	841662.4	819865.4	7.5	10.4	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-1	Area	841851.6	819802.8	9.8	87.8	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-2	Area	841794.6	819717.4	49.0	12.5	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-3	Area	841804.2	819691.2	6.8	11.4	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-4	Area	841894.3	819842.3	42.2	12.5	0.0	-79	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-5	Area	841834.8	819780.7	17.5	39.4	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-6	Area	841796.7	819776.1	40.5	34.1	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-7	Area	841783.2	819709	45.7	14.8	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC01_PL5B-8	Area	841770.3	819705.9	42.9	11.6	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-1	Area	842321.1	819702.8	17.5	30.5	0.0	-8	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-2	Area	842322.2	819779.2	22.6	24.9	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-3	Area	842342	819753.7	10.4	38.9	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-4	Area	842320.3	819724.7	11.0	12.2	0.0	-6	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-5	Area	842503.3	819659	27.0	67.0	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC02_PL7-6	Area	842542.3	819641.6	43.1	15.2	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
WC02_PL7-7	Area	842537.2	819663.8	41.4	30.3	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC02_PL7-8	Area	842327.9	819760.7	7.6	13.7	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC02_PL7-9	Area	842307.5	819684.7	14.3	9.8	0.0	-37	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
The ARO Project ^[2]	WC03_PH1-1	Area	841866.5	820804.7	57.0	107.2	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-2	Area	841935	820675	28.5	193.7	0.0	19	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-3	Area	842068.9	820468.6	20.4	229.0	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-4	Area	842040.6	820443.6	33.8	97.4	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-5	Area	841998.2	820501.3	30.7	40.7	0.0	30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-6	Area	842043.1	820364.6	37.9	60.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-7	Area	842154.6	820485	79.4	128.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-8	Area	842237.7	820516.6	28.9	41.7	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-9	Area	842220.7	820567.6	72.0	77.0	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-10	Area	842255.4	820489.2	26.9	294.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-11	Area	842404.9	820529.1	24.8	93.6	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-12	Area	842446.6	820444.9	19.6	89.2	0.0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-13	Area	842470.2	820367.2	21.5	70.2	0.0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-14	Area	842522	820303.1	18.1	91.0	0.0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-15	Area	842572.2	820222.6	15.4	95.8	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-16	Area	842607.7	820136	14.8	91.4	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-17	Area	842639.4	820078.5	15.4	35.9	0.0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-18	Area	842669.7	820060	14.0	30.3	0.0	71	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
WC03_PH1-19	Area	842715.1	820053.6	14.7	58.0	0.0	89	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-20	Area	842775.6	820063.2	13.9	61.3	0.0	-72	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-21	Area	842828	820090.1	13.7	53.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario - Tier 2 - Mitigated (for ASECP and TTE-3)

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height	Angle / Width	1-hour/24-hour Assessment					
			x1	y1	x2	y2			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)		
			(m)	(m)	(m)	(m)			TSP	RSP	FSP	TSP	RSP	FSP
The ARQ Project ^[1]	WC03_PH1-22	Area	842857.1	820121.2	13.1	27.8	0.0	-32	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-23	Area	842873.4	820164.5	13.8	62.3	0.0	-15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-24	Area	842892.3	820207.9	15.5	27.2	0.0	-46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-25	Area	842922.8	820224.6	20.6	30.9	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-26	Area	842954.3	820218.7	20.4	25.3	0.0	63	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-27	Area	842980.1	820202.7	20.4	33.6	0.0	55	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-28	Area	842978.7	820181.8	6.2	15.8	0.0	5	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-29	Area	842957	820123.3	15.3	134.9	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-30	Area	843008.8	820192.6	16.3	33.8	0.0	-51	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-31	Area	843039.4	820213.4	17.1	36.9	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-32	Area	843072.3	820224.8	16.2	29.9	0.0	-78	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-33	Area	842348.2	820479.4	100.7	118.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-34	Area	842266	820458.6	34.9	36.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-35	Area	842388.7	820418.3	45.5	91.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-36	Area	842415.2	820392.9	27.7	61.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-37	Area	842484.1	820288.6	72.9	49.1	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-38	Area	842529.3	820259.7	29.7	28.2	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-39	Area	842445.2	820013.2	31.5	45.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-40	Area	842584.3	820123.2	110.2	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-41	Area	842620.6	820068.9	17.8	20.4	0.0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-42	Area	842589.7	820528.7	99.2	309.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-43	Area	842687.5	820486.9	107.5	216.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-44	Area	842874	820109.9	26.3	55.9	0.0	-30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-45	Area	842915.5	820170.9	31.0	87.2	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-46	Area	842567.6	820360.2	46.0	119.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-47	Area	842508.2	820381.1	71.2	25.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-48	Area	842779	820415.4	122.9	195.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-49	Area	842931.7	820289	112.9	72.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-50	Area	843003.8	820248	51.8	80.1	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-51	Area	843054.4	820251.9	26.8	36.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-52	Area	842555.6	820111.8	80.3	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-53	Area	842527.8	820096.4	60.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-54	Area	842502.5	820076.7	40.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-55	Area	842482.6	820033.8	73.4	38.6	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-56	Area	842458.5	820578	120.1	123.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-57	Area	842508.5	820352.7	38.6	19.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-58	Area	842593.8	820309.2	25.7	95.7	0.0	-54	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-59	Area	842783.2	820237.9	79.3	320.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-60	Area	842862.6	820233.5	57.7	95.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-61	Area	842808.4	820144.8	64.4	112.4	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-62	Area	842748.8	820088.3	26.9	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-63	Area	842958.7	820178.7	25.1	23.1	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-64	Area	842958.6	820147.4	9.0	60.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-65	Area	842557.9	820214.5	74.9	11.4	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-66	Area	842482.7	820486.9	61.9	31.5	0.0	59	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-67	Area	842645.4	820165.3	69.8	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-68	Area	842674.2	820098.3	89.2	32.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-69	Area	842632.1	820368.8	44.2	33.9	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-70	Area	842606.3	820241.1	86.7	59.1	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-71	Area	842738.1	820294.4	57.3	50.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-72	Area	842679.9	820195.1	45.6	40.2	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-73	Area	842099.1	820373.1	33.8	85.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-74	Area	841974.6	820550.8	24.8	64.7	0.0	18	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC05-1	Area	842257.9	820377.1	79.9	116.3	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014) . Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

Scenario - Tier 2 - Mitigated (for AHTE-4 & AHTE-5)

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height (m)	Angle / Width (deg / m)	1-hour/24-hour Assessment						
			x1 (m)	y1 (m)	x2 (m)	y2 (m)			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)			
									TSP	RSP	FSP	TSP	RSP	FSP	
The RW Project															
Lin Tak Road/Sau Mau Ping Road RW ⁽¹⁾	WC06_A2-38	Area	842673.6	819300.2	137.0	17.6	0.0	37	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
	WC06_A2-39	Area	842748.4	819349.2	43.7	15.3	0.0	25	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
	WC06_A2-70	Area	842752.4	819302.6	91.5	37.2	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
	WC06_A2-71	Area	842676.7	819249.2	91.5	58.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
	WC06_A2-80	Area	842758.6	819334.9	50.9	17.3	0.0	26	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
	WC06_A2-81	Area	842704.3	819304.9	72.9	11.5	0.0	32	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
	WC06_A2-82	Area	842660.6	819276.6	31.2	7.1	0.0	35	2.59E-05	1.23E-05	1.86E-06	2.70E-06	1.27E-06	1.93E-07	
Concurrent Projects															
The ARO Project ⁽²⁾	SP01-1	Area	841972.2	821076.6	90.4	173.2	0.0	-47	8.37E-06	3.96E-06	5.96E-07	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5A-1	Area	841711.1	819980.9	22.2	27.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
Pedestrian Connectivity ⁽²⁾	WC01_PL5A-2	Area	841696	819949.2	17.7	38.1	0.0	-9	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5A-3	Area	841674.2	819918.6	17.4	30.2	0.0	-56	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5A-4	Area	841649.1	819881.1	20.3	54.2	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5A-5	Area	841659	819872.7	4.8	35.0	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5A-6	Area	841662.4	819865.4	7.5	10.4	0.0	-25	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-1	Area	841851.6	819802.8	9.8	87.8	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-2	Area	841794.6	819717.4	49.0	12.5	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-3	Area	841804.2	819691.2	6.8	11.4	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-4	Area	841894.3	819842.3	42.2	12.5	0.0	-79	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-5	Area	841834.8	819780.7	17.5	39.4	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-6	Area	841796.7	819776.1	40.5	34.1	0.0	-67	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-7	Area	841783.2	819709	45.7	14.8	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC01_PL5B-8	Area	841770.3	819705.9	42.9	11.6	0.0	-70	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-1	Area	842321.1	819702.8	17.5	30.5	0.0	-8	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-2	Area	842322.2	819779.2	22.6	24.9	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-3	Area	842342	819753.7	10.4	38.9	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-4	Area	842320.3	819724.7	11.0	12.2	0.0	-6	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-5	Area	842503.3	819659	27.0	67.0	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-6	Area	842542.3	819641.6	43.1	15.2	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-7	Area	842537.2	819663.8	41.4	30.3	0.0	11	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-8	Area	842327.9	819760.7	7.6	13.7	0.0	28	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	WC02_PL7-9	Area	842307.5	819684.7	14.3	9.8	0.0	-37	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
	The ARO Project ⁽²⁾	WC03_PH1-1	Area	841866.5	820804.7	57.0	107.2	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-2	Area	841935	820675	28.5	193.7	0.0	19	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-3	Area	842068.9	820468.6	20.4	229.0	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-4	Area	842040.6	820443.6	33.8	97.4	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-5	Area	841998.2	820501.3	30.7	40.7	0.0	30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-6	Area	842043.1	820364.6	37.9	60.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-7	Area	842154.6	820485	79.4	128.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-8	Area	842237.7	820516.6	28.9	41.7	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-9	Area	842220.7	820567.6	72.0	77.0	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-10	Area	842255.4	820489.2	26.9	294.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
		WC03_PH1-11	Area	842404.9	820529.1	24.8	93.6	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
WC03_PH1-12		Area	842446.6	820444.9	19.6	89.2	0.0	15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-13		Area	842470.2	820367.2	21.5	70.2	0.0	24	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-14		Area	842522	820303.1	18.1	91.0	0.0	44	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-15		Area	842572.2	820222.6	15.4	95.8	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-16		Area	842607.7	820136	14.8	91.4	0.0	22	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-17		Area	842639.4	820078.5	15.4	35.9	0.0	46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-18		Area	842669.7	820060	14.0	30.3	0.0	71	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-19		Area	842715.1	820053.6	14.7	58.0	0.0	89	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-20		Area	842775.6	820063.2	13.9	61.3	0.0	-72	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-21		Area	842828	820090.1	13.7	53.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-22		Area	842857.1	820121.2	13.1	27.8	0.0	-32	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-23		Area	842873.4	820164.5	13.8	62.3	0.0	-15	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-24		Area	842892.3	820207.9	15.5	27.2	0.0	-46	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-25		Area	842922.8	820224.6	20.6	30.9	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-26		Area	842954.3	820218.7	20.4	25.3	0.0	63	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-27		Area	842980.1	820202.7	20.4	33.6	0.0	55	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-28		Area	842978.7	820181.8	6.2	15.8	0.0	5	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-29		Area	842957	820123.3	15.3	134.9	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-30		Area	843008.8	820192.6	16.3	33.8	0.0	-51	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-31		Area	843039.4	820213.4	17.1	36.9	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-32		Area	843072.3	820224.8	16.2	29.9	0.0	-78	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	
WC03_PH1-33		Area	842348.2	820479.4	100.7	118.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07	

Location and Details of Worksites for Fugitive Dust Assessment (Road Improvement Works at Lin Tak Road/Sau Mau Ping Road)

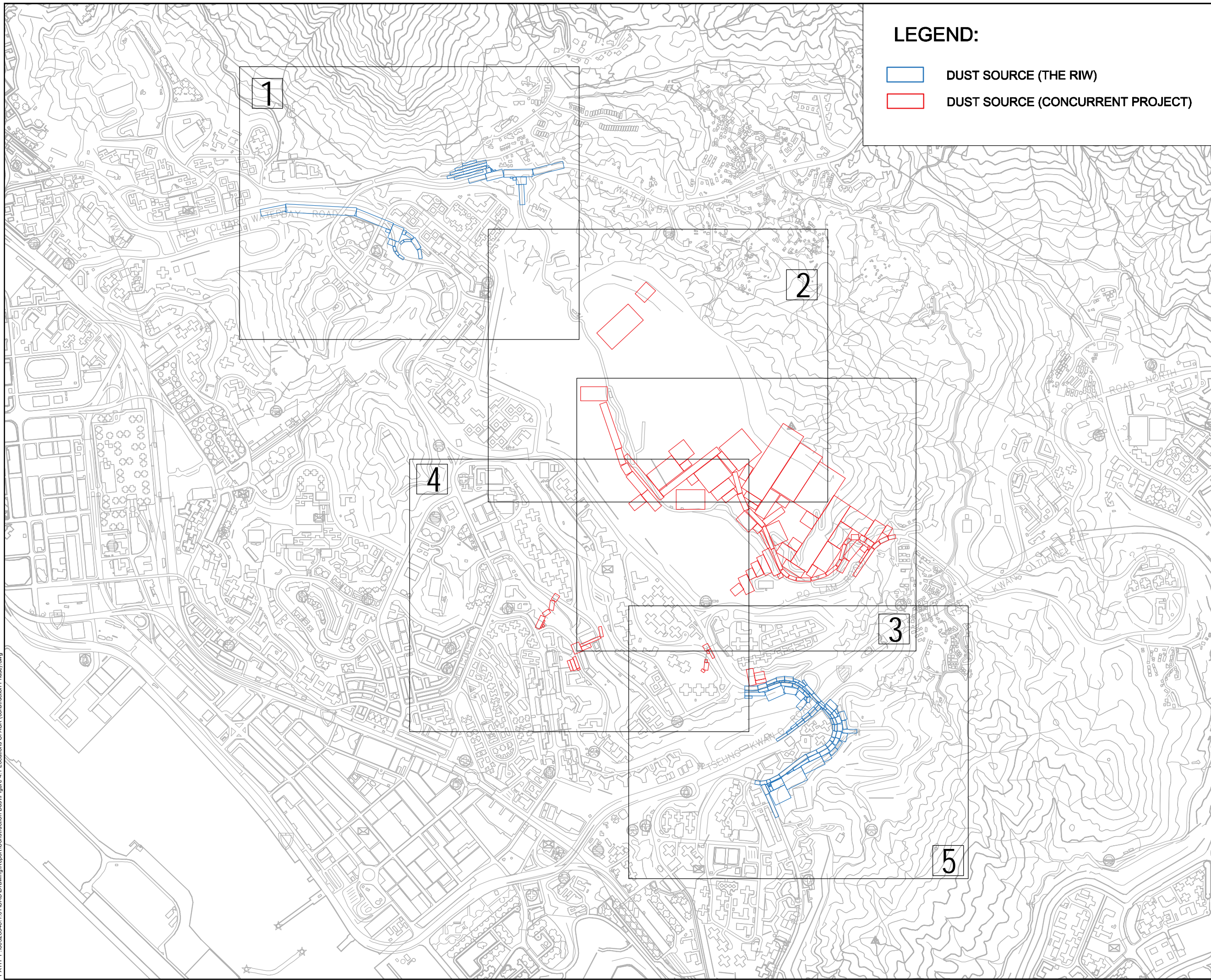
Scenario - Tier 2 - Mitigated (for AHTE-4 & AHTE-5)

Project Type	Source ID	Source Type	Centroid Coordinates		Dimension		Height (m)	Angle / Width (deg / m)	1-hour/24-hour Assessment					
			x1 (m)	y1 (m)	x2 (m)	y2 (m)			Weekday's Day-time Emission Rates (g/m2/s)			Weekday's Night-time/Sunday or Public Holiday's Emission Rates (g/m2/s)		
									TSP	RSP	FSP	TSP	RSP	FSP
The ARO Project [1]	WC03_PH1-34	Area	842266	820458.6	34.9	36.6	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-35	Area	842388.7	820418.3	45.5	91.8	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-36	Area	842415.2	820392.9	27.7	61.5	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-37	Area	842484.1	820288.6	72.9	49.1	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-38	Area	842529.3	820259.7	29.7	28.2	0.0	-45	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-39	Area	842445.2	820013.2	31.5	45.2	0.0	-52	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-40	Area	842584.3	820123.2	110.2	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-41	Area	842620.6	820068.9	17.8	20.4	0.0	-61	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-42	Area	842589.7	820528.7	99.2	309.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-43	Area	842687.5	820486.9	107.5	216.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-44	Area	842874	820109.9	26.3	55.9	0.0	-30	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-45	Area	842915.5	820170.9	31.0	87.2	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-46	Area	842567.6	820360.2	46.0	119.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-47	Area	842508.2	820381.1	71.2	25.8	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-48	Area	842779	820415.4	122.9	195.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-49	Area	842931.7	820289	112.9	72.2	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-50	Area	843003.8	820248	51.8	80.1	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-51	Area	843054.4	820251.9	26.8	36.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-52	Area	842555.6	820111.8	80.3	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-53	Area	842527.8	820096.4	60.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-54	Area	842502.5	820076.7	40.4	29.9	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-55	Area	842482.6	820033.8	73.4	38.6	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-56	Area	842458.5	820578	120.1	123.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-57	Area	842508.5	820352.7	38.6	19.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-58	Area	842593.8	820309.2	25.7	95.7	0.0	-54	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-59	Area	842783.2	820237.9	79.3	320.6	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-60	Area	842862.6	820233.5	57.7	95.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-61	Area	842808.4	820144.8	64.4	112.4	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-62	Area	842748.8	820088.3	26.9	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-63	Area	842958.7	820178.7	25.1	23.1	0.0	-40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-64	Area	842958.6	820147.4	9.0	60.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-65	Area	842557.9	820214.5	74.9	11.4	0.0	-64	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-66	Area	842482.7	820486.9	61.9	31.5	0.0	59	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-67	Area	842645.4	820165.3	69.8	47.0	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-68	Area	842674.2	820098.3	89.2	32.3	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-69	Area	842632.1	820368.8	44.2	33.9	0.0	-33	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-70	Area	842606.3	820241.1	86.7	59.1	0.0	-65	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-71	Area	842738.1	820294.4	57.3	50.8	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-72	Area	842679.9	820195.1	45.6	40.2	0.0	-34	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-73	Area	842099.1	820373.1	33.8	85.9	0.0	40	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC03_PH1-74	Area	841974.6	820550.8	24.8	64.7	0.0	18	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07
	WC05-1	Area	842257.9	820377.1	79.9	116.3	0.0	-90	2.01E-05	9.51E-06	1.44E-06	2.70E-06	1.27E-06	1.90E-07

Note:

[1] For the Road Improvement Works Project, Weekday's Day-time Emission Rates were assumed contributed by Heavy Construction. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.

[2] For the Concurrent Projects of Anderson Road Quarry Development and Pedestrian Connectivity, worst-case assessment year (i.e. Year 2017) emission data were derived from the assumptions of the approved Schedule 3 EIA Report for Development of Anderson Road Quarry (Register No.: AEIAR-183/2014) . Weekday's Day-time Emission Rates were contributed by Heavy Construction/Stockpiling and Wind Erosion. Weekday's Night-time/Sunday or Public Holiday's Emission Rates are assumed contributed by Wind Erosion only.



LEGEND:

- DUST SOURCE (THE RIW)
- DUST SOURCE (CONCURRENT PROJECT)



PROJECT
 项目
 DEVELOPMENT OF
 ANDERSON ROAD
 QUARRY SITE -
 INVESTIGATION, DESIGN
 AND CONSTRUCTION

CLIENT
 业主
 土木工程拓展署
 Civil Engineering and
 Development Department

CONSULTANT
 顾问公司
 AECOM Asia Company Ltd.
 www.aecom.com

ISSUE/REVISION
 问题/修订

NO.	DATE	DESCRIPTION

I/R
 问题/修订

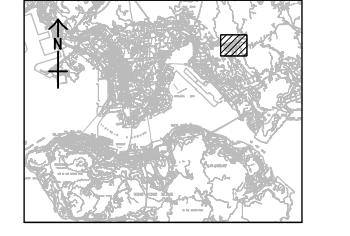
I/R NO.	DATE	DESCRIPTION	CHK.

STATUS
 现状

SCALE
 比例

A1 1 : 7000

KEY PLA
 索引图



PROJECT NO.
 项目编号
 60328348

CONTRACT NO.
 合约编号
 CE 10/2014 (CE)

SHEET TITLE
 图名
 LOCATIONS OF DUST SOURCES
 (SHEET 1 OF 6)

SHEET NUMBER
 图号
 60328348/EIA_RIW/APPENDIX 4.5

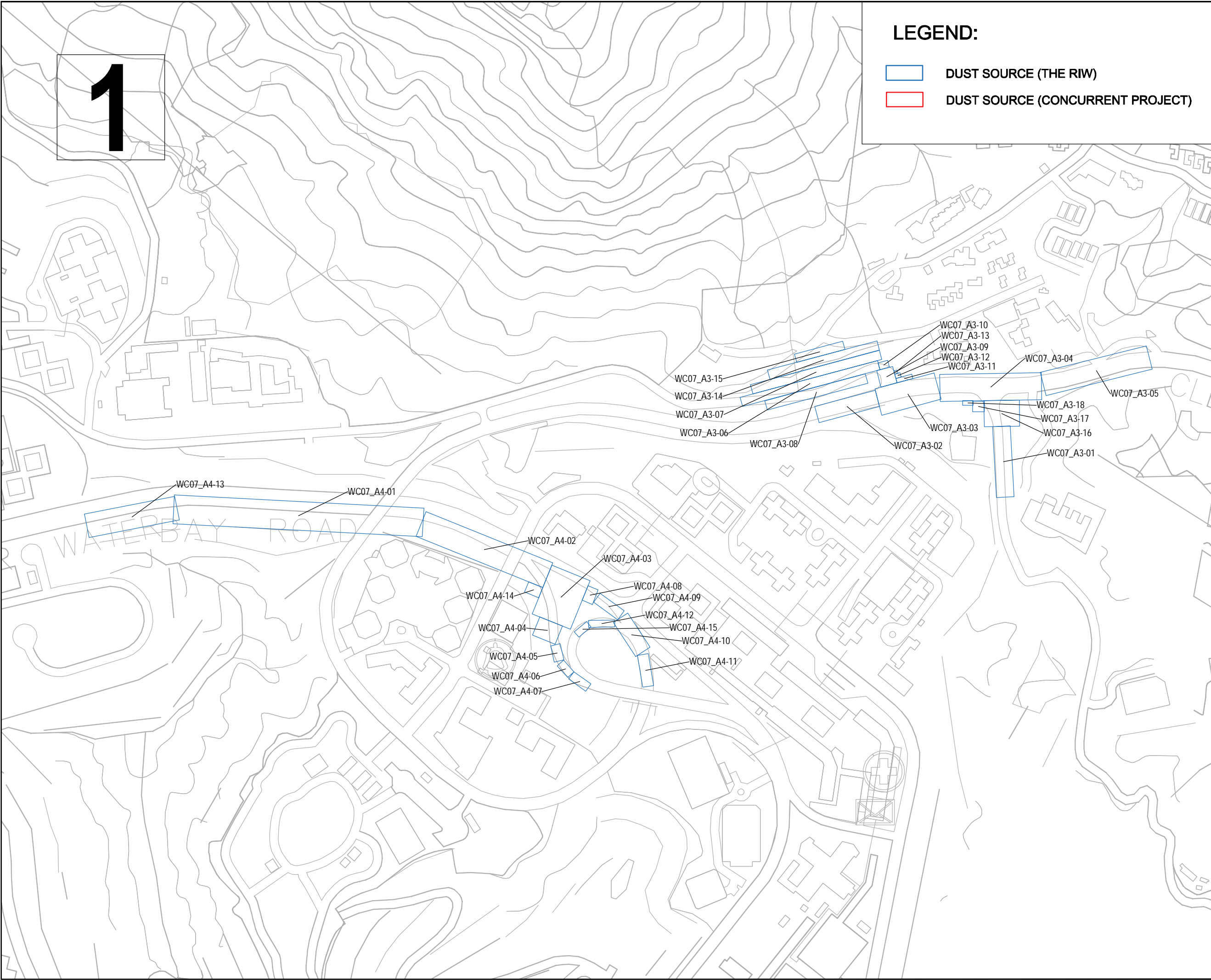
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ISO A1 594mm x 841mm
 Approved:
 Checked:
 Designer:
 Project Management Initials:
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 Plot File by: Chenyik
 PATH: P:\0628348\1.01\CAD\Drawing\Report\Construction Data\Figure 4.1 Locations Of ASR (construction Phase).dwg

1

LEGEND:

- DUST SOURCE (THE RIW)
- DUST SOURCE (CONCURRENT PROJECT)



AECOM

PROJECT
 DEVELOPMENT OF
 ANDERSON ROAD
 QUARRY SITE -
 INVESTIGATION, DESIGN
 AND CONSTRUCTION

CLIENT
 土木工程拓展署
 Civil Engineering and
 Development Department

CONSULTANT
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ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.

STATUS

SCALE

A1 1 : 2000

KEY PLA

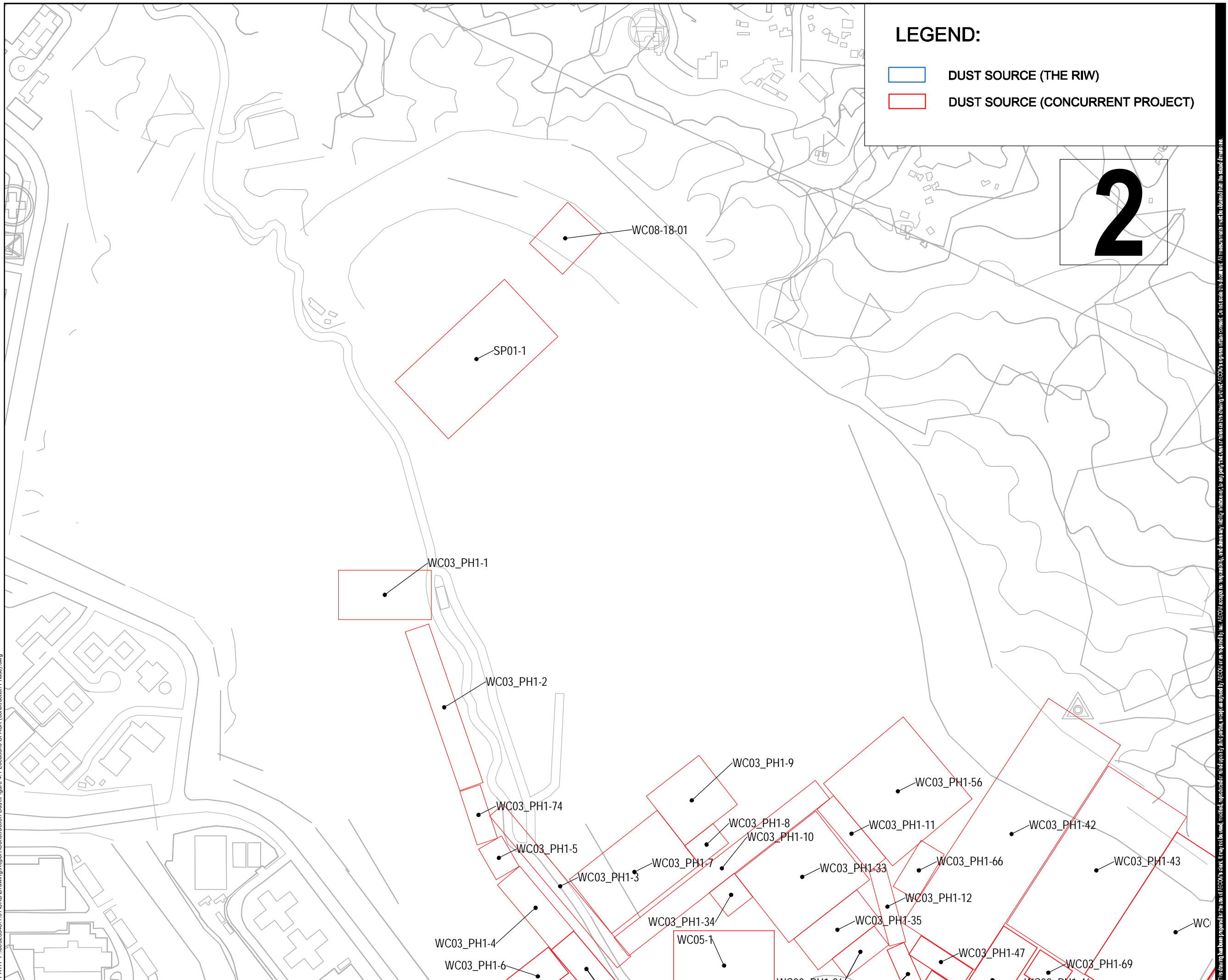


PROJECT NO. 60328348
CONTRACT NO. CE 10/2014 (CE)

SHEET TITLE
 LOCATIONS OF DUST SOURCES
 (SHEET 2 OF 6)

SHEET NUMBER
 60328348/EIA_RIW/APPENDIX 4.5

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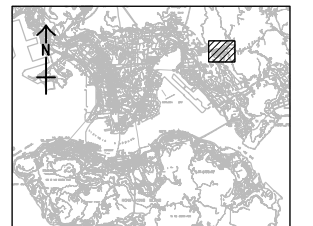
I/R	DATE	DESCRIPTION	CHK

STATUS

SCALE

A1 1 : 2000

KEY PLA

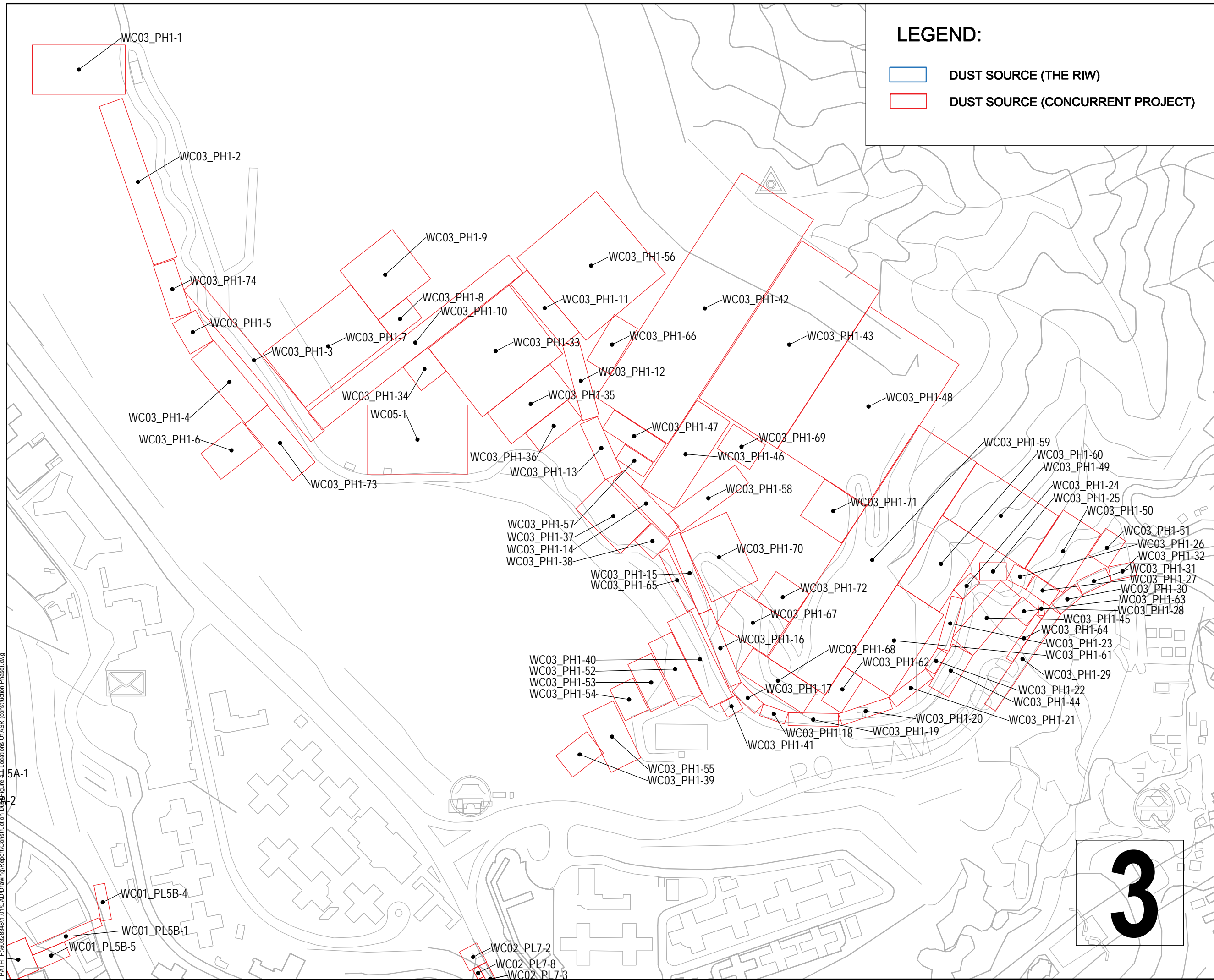


PROJECT NO. 60328348
CONTRACT NO. CE 10/2014 (CE)

SHEET TITLE
 LOCATIONS OF DUST SOURCES
 (SHEET 3 OF 6)

SHEET NUMBER
 60328348/EIA_RIW/APPENDIX 4.5

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LEGEND:

- DUST SOURCE (THE RIW)
- DUST SOURCE (CONCURRENT PROJECT)



PROJECT
DEVELOPMENT OF
ANDERSON ROAD
QUARRY SITE -
INVESTIGATION, DESIGN
AND CONSTRUCTION

CLIENT
土木工務發展署
CEDD Civil Engineering and
Development Department

CONSULTANT
AECOM Asia Company Ltd.
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ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK

STATUS

SCALE

A1 1 : 2000

KEY PLA



PROJECT NO. 60328348
CONTRACT NO. CE 10/2014 (CE)

SHEET TITLE
LOCATIONS OF DUST SOURCES
(SHEET 4 OF 6)

SHEET NUMBER
60328348/EIA_RIW/APPENDIX 4.5

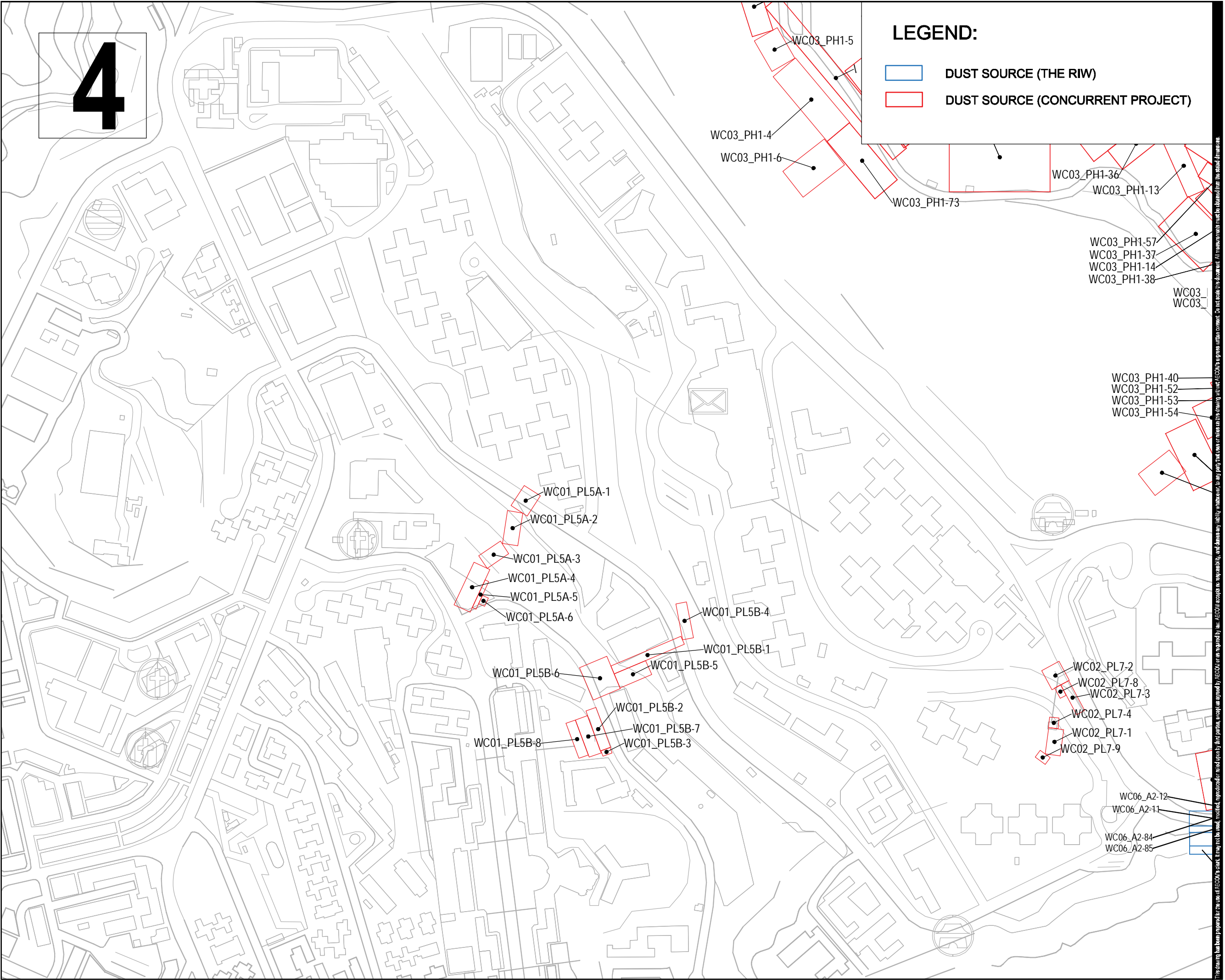
3

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4

LEGEND:

- DUST SOURCE (THE RIW)
- DUST SOURCE (CONCURRENT PROJECT)



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 A1 1 : 4000

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PROJECT NO.
 60328348

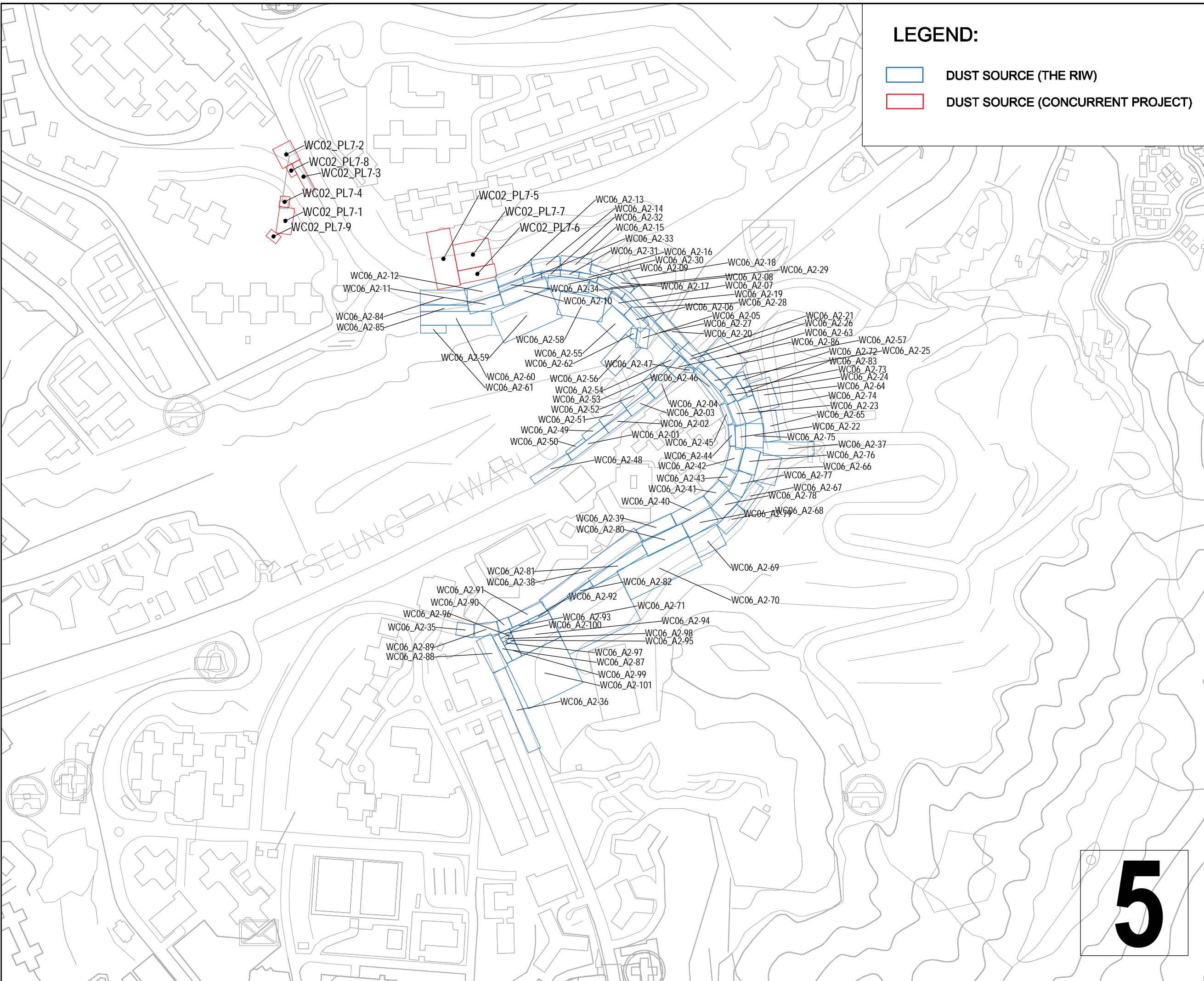
CONTRACT NO.
 CE 10/2014 (CE)

SHEET TITLE
 LOCATIONS OF DUST SOURCES
 (SHEET 5 OF 6)

SHEET NUMBER
 60328348/EIA_RIW/APPENDIX 4.5

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ISO A1 594mm x 841mm
 Approved:
 Checked:
 Designer:
 Project Management Initials:
 P:\02\28348\1_01\CAD\Drawing\Report\Construction Draw\Figure 4.1 Locations Of ASR (construction Phase).dwg



LEGEND:

- DUST SOURCE (THE RIW)
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PROJECT

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SHEET TITLE

LOCATIONS OF DUST SOURCES
(SHEET 6 OF 6)

SHEET NUMBER

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