

Appendix 3.02e Demolition of Existing STSTW - Calculation of Dust Emission Source

Demolition of Existing STSTW

Emission rates for Short-term Average Prediction (Tier 1)

Location	Source	Emission Rates	(Unmitigated)	(Mitigated)	Parameters	Remarks
Construction Sites at Existing STSTW	Construction Activities Source ID: 1 - 83	Heavy Construction Area Source (g/m ² /s)	2.075617E-04	2.594522E-05	TSP emission factor (Mg/hectare/month of activity)	2.69 from AP-42, S13.2.3, 1/95 ed.
					Percentage area actively operating (%)	100 Full strength (Tier 1 Test)
					% of dust suppression	87.5 Assuming watering eight times a day, reference to Kai Tak Development EIA Report
					no. of operation hour (hr)	12 Assumed typical working hours of work site referenced in AP-42
					Emission height (m)	0.5
		Wind Erosion Area Source (g/m ² /s)	2.695332E-06	TSP emission factor (Mg/hectare/yr)	0.85 AP-42, 5th ed., Table 11.9.4	
				Percentage area actively operating (%)	100 Full strength (Tier 1 Test)	
				Emission height (m)	0.5	
		9.81767E-05	1.22721E-05	RSP emission factor (Mg/hectare/month of activity)	1.27237	
				% fraction of TSP	0.473	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
		1.49444E-05	1.86806E-06	FSP emission factor (Mg/hectare/month of activity)	0.19368	
				% fraction of TSP	0.072	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
				RSP emission factor (Mg/hectare/month of activity)	0.40205	
				% fraction of TSP	0.473	from USEPA AP-42, Appendix B.2 Table 2.2 Category 3
				FSP emission factor (Mg/hectare/month of activity)	0.0612	
				% fraction of TSP	0.072	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4

Emission rates for Short-term Average Prediction (Tier 2)

Location	Source	Emission Rates	(Unmitigated)	(Mitigated)	Parameters	Remarks
Construction Sites at Main Portal	Construction Activities Source ID: 1 - 83	Heavy Construction Area Source (g/m ² /s)	2.075617E-04	2.594522E-05	TSP emission factor (Mg/hectare/month of activity)	2.69 from AP-42, S13.2.3, 1/95 ed.
					Percentage area actively operating (%)	100 Full strength (Tier 2 Test)
					% of dust suppression	87.5 Assuming watering eight times a day, reference to Kai Tak Development EIA Report
					no. of operation hour (hr)	12 Assumed typical working hours of work site referenced in AP-42
					Emission height (m)	0.5
		Wind Erosion Area Source (g/m ² /s)	2.695332E-06	TSP emission factor (Mg/hectare/yr)	0.85 AP-42, 5th ed., Table 11.9.4	
				Percentage area actively operating (%)	100 Full strength (Tier 2 Test)	
				Emission height (m)	0.5	
		9.81767E-05	1.22721E-05	RSP emission factor (Mg/hectare/month of activity)	1.27237	
				% fraction of TSP	0.473	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
		1.49444E-05	1.86806E-06	FSP emission factor (Mg/hectare/month of activity)	0.19368	
				% fraction of TSP	0.072	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
				RSP emission factor (Mg/hectare/month of activity)	0.40205	
				% fraction of TSP	0.473	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
				FSP emission factor (Mg/hectare/month of activity)	0.0612	
				% fraction of TSP	0.072	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4

Appendix 3.02e Demolition of Existing STSTW - Calculation of Dust Emission Source
Demolition of Existing STSTW

Emission rates for Long-term Average Prediction (Annual)

Location	Source	Emission Rates	(Unmitigated)	(Mitigated)	Parameters	Remarks	
Construction Sites at Main Portal	Construction Activities Source ID: 1 - 83	Heavy Construction Area Source (g/m ² /s)	2.075617E-05	2.594522E-06	TSP emission factor (Mg/hectare/month of activity)	2.69	from AP-42, S13.2.3, 1/95 ed.
					Percentage area actively operating (%)	10	Worst case assumption, refer to Justification of Percentage Active Works Area for Caverns for Relocation of STSTW
					% of dust suppression	87.5	Assuming watering eight times a day, reference to Kai Tak Development EIA Report
					no. of operation hour (hr)	12	Assumed typical working hours of work site referenced in AP-42
					Emission height (m)	0.5	
		Wind Erosion Area Source (g/m ² /s)	9.81767E-06	1.22721E-06	RSP emission factor (Mg/hectare/month of activity)	1.27237	
					% fraction of TSP	0.473	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
					FSP emission factor (Mg/hectare/month of activity)	0.19368	
					% fraction of TSP	0.072	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4
					TSP emission factor (Mg/hectare/yr)	0.85	AP-42, 5th ed., Table 11.9.4
	2.695332E-07	1.27489E-07	Percentage area actively operating (%)	10	from engineer		
			Emission height (m)	0.5			
			RSP emission factor (Mg/hectare/month of activity)	0.40205			
			% fraction of TSP	0.473	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4		
			FSP emission factor (Mg/hectare/month of activity)	0.0612			
	1.94064E-08	0.072	from USEPA AP-42, 5th ed. 11/06 ed. S13.2.4				

Appendix 3.02e Demolition of Existing STSTW - Calculations of Construction Dust Emission Rates

Justification of Percentage Active Works Area for Caverns for Relocation of STSTW

Construction Peak Year = 2027
 Total Area of for Works Area for Caverns = 280019 m²

A1450 Demolition of Existing STSTW

Plant	Percentage of Usage (%)	Plan Size			Area in term of Time of Usage (m ²)
		B (m)	L (m)	No. of Item	
Excavator	100%	3.2	8	20	512
Excavator with rock breakers	100%	3.2	8	40	1024
Dump Truck	100%	2.4	10	40	960
Air compressor	100%	-	-	20	-
Generator	100%	-	-	20	-
Lorry	100%	2.4	10	20	480
Mobile Crane	100%	2.6	10	10	260
Cutter	100%	-	-	20	-
Pneumatic Breaker	100%	-	-	40	-
A1450		Total:			3236
		Percentage of Usage Area to Works Area:			1.2%

As a worst case assumption, all construction activities are assumed to be carried out at the same time

Total Percentage of Usage Area to Works Area for CSTS	1.2%
Percentage adopted in Dust model for Short-term Assessment	20%
Percentage adopted in Dust model for Annual Assessment	10%

Appendix 3.02e Demolition of Existing STSTW - Calculation of Dust Emission Source
Dust Emission Source Listing in FDM
Demolition of STSTW (Unmitigated Scenario)

Source	Type	X1	Y1	X2	Y2	Height (m)	Width / Angle	Working Hour	TSP Emission Rate (g/m ² -s)				RSP Emission Rate (g/m ² -s)				FSP Emission Rate (g/m ² -s)					
									Short-term Assessment (Tier 1)		Short-term Assessment		Annual Assessment		Short-term Assessment		Annual Assessment		Short-term Assessment		Annual Assessment	
									Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours
1	Area	840198.54	830056.88	12.06	7.62	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
2	Area	840226.99	830034.92	7.59	35.87	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
3	Area	840208.18	830051.38	7.51	14.12	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
4	Area	840187.05	830043.81	22.75	7.64	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
5	Area	840253.94	830011.26	7.59	35.87	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
6	Area	840172.04	830026.72	22.75	7.64	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
7	Area	840202.68	830011.95	50	50	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
8	Area	840113.25	830014.76	27.21	19.58	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
9	Area	840028.8	830011.58	17.95	15.79	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
10	Area	840157.02	830009.63	22.75	7.64	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
11	Area	840280.89	829987.6	7.59	35.87	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
12	Area	840127.97	830001.84	27.21	19.58	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
13	Area	840042.7	829998.69	25.32	22.1	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
14	Area	840013.15	829993.78	29.43	15.88	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
15	Area	840139.37	829991.86	27.25	10.72	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
16	Area	840061.6	829987.21	17.64	21.46	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
17	Area	840303.15	829967.79	7.2	23.72	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
18	Area	840240.25	829984.96	50	50	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
19	Area	840169.69	829980.38	50	50	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
20	Area	840024.87	829978.38	28.73	22.1	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
21	Area	840099.13	829975.79	50	50	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
22	Area	839993.74	829971.66	29.43	15.88	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
23	Area	840041.58	829959.53	50.28	27.9	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
24	Area	840005.91	829956.79	28.73	22.1	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
25	Area	839974.33	829949.54	29.43	15.88	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
26	Area	840324.9	829948.7	7.2	33.71	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
27	Area	840207.26	829947.39	50	50	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
28	Area	840136.7	829942.8	50	50	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
29	Area	839986.95	829935.2	28.73	22.1	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
30	Area	839954.87	829927.45	29.43	15.88	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
31	Area	840350.23	829926.45	7.2	33.71	0.5	48.72	07.00 - 19.00	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
32	Area	840008.95	829922.36	48.54	27.9	0.5	48.72	07.00 - 19.01	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
33	Area	839967.99	829913.61	28.73	22.1	0.5	48.72	07.00 - 19.02	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
34	Area	840174.27	829909.81	50	50	0.5	48.72	07.00 - 19.03	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
35	Area	839935.46	829905.33	29.43	15.88	0.5	48.72	07.00 - 19.04	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
36	Area	840375.57	829904.21	7.2	33.71	0.5	48.72	07.00 - 19.05	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
37	Area	840263.62	829897.9	150	100	0.5	48.72	07.00 - 19.06	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
38	Area	839949.04	829892.02	28.73	22.1	0.5	48.72	07.00 - 19.07	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
39	Area	839976.92	829885.89	48.54	27.9	0.5	48.72	07.00 - 19.08	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
40	Area	839916.04	829883.22	29.43	15.88	0.5	48.72	07.00 - 19.09	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
41	Area	840400.9	829881.97	7.2	33.71	0.5	48.72	07.00 - 19.10	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
42	Area	839930.08	829880.42	28.73	22.1	0.5	48.72	07.00 - 19.11	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
43	Area	840423.91	829881.77	7.2	27.52	0.5	48.72	07.00 - 19.12	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
44	Area	839896.62	829881.1	29.43	15.88	0.5	48.72	07.00 - 19.13	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
45	Area	839944.9	829849.41	48.54	27.9	0.5	48.72	07.00 - 19.14	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
46	Area	839911.12	829848.83	28.73	22.1	0.5	48.72	07.00 - 19.15	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
47	Area	839882.13	829844.6	14.49	15.88	0.5	48.72	07.00 - 19.16	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
48	Area	840341.79	829829.27	150	108.05	0.5	48.72	07.00 - 19.17	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
49	Area	839871.65	829828.14	24.06	9.91	0.5	48.72	07.00 - 19.18	2.076E-04	2.695E-06	9.818E-05	1.275E-06	9.818E-06	1.275E-07	1.494E-05	1.941E-07	1.494E-06	1.941E-08				
50	Area	839892.16	829827.24	28.73	22.1	0.5	48.72	07.00 - 19.19	2.076E-04	2.695E-06	9.818E-0											

Appendix 3.02e Demolition of Existing STSTW - Calculation of Dust Emission Source

Dust Emission Source Listing in FDM

Demolition of STSTW (Mitigated Scenario)

Source	Type	X1	Y1	X2	Y2	Height (m)	Width / Angle	Working Hour	TSP Emission Rate (g/m ² -s)			
									Short-term Assessment (Tier 1)		Short-term Assessment (Tier 2)	
									Working hours	Non-working hours	Working hours	Non-working hours
1	Area	840198.54	830056.88	12.06	7.62	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
2	Area	840226.99	830034.92	7.59	35.87	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
3	Area	840208.18	830051.38	7.51	14.12	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
4	Area	840187.05	830043.81	22.75	7.64	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
5	Area	840253.94	830011.26	7.59	35.87	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
6	Area	840172.04	830026.72	22.75	7.64	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
7	Area	840202.68	830017.95	50	50	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
8	Area	840113.25	830014.76	27.21	19.58	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
9	Area	840028.8	830011.58	17.95	15.79	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
10	Area	840157.02	830009.63	22.75	7.64	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
11	Area	840280.89	829987.6	7.59	35.87	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
12	Area	840127.97	830001.84	27.21	19.58	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
13	Area	840042.7	829998.69	25.32	22.1	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
14	Area	840013.15	829993.78	29.43	15.88	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
15	Area	840139.37	829991.86	27.25	10.72	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
16	Area	840061.6	829987.21	17.64	21.46	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
17	Area	840303.15	829967.79	7.2	23.72	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
18	Area	840240.25	829984.96	50	50	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
19	Area	840169.69	829980.38	50	50	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
20	Area	840024.87	829978.38	28.73	22.1	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
21	Area	840099.13	829975.79	50	50	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
22	Area	839993.74	829971.66	29.43	15.88	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
23	Area	840041.58	829959.53	50.38	27.9	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
24	Area	840005.91	829956.79	28.73	22.1	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
25	Area	839974.33	829949.54	29.43	15.88	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
26	Area	840324.9	829948.7	7.2	33.71	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
27	Area	840207.26	829947.39	50	50	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
28	Area	840136.7	829942.8	50	50	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
29	Area	839986.95	829935.2	28.73	22.1	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
30	Area	839954.87	829927.45	29.43	15.88	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	0.000E+00	0.000E+00
31	Area	840350.23	829926.45	7.2	33.71	0.5	48.72	07:00 - 19:00	2.595E-05	2.695E-06	2.595E-05	2.695E-06
32	Area	840008.95	829922.36	48.54	27.9	0.5	48.72	07:00 - 19:01	2.595E-05	2.695E-06	0.000E+00	0.000E+00
33	Area	839967.99	829913.61	28.73	22.1	0.5	48.72	07:00 - 19:02	2.595E-05	2.695E-06	0.000E+00	0.000E+00
34	Area	840174.27	829909.81	50	50	0.5	48.72	07:00 - 19:03	2.595E-05	2.695E-06	2.595E-05	2.695E-06
35	Area	839935.46	829905.33	29.43	15.88	0.5	48.72	07:00 - 19:04	2.595E-05	2.695E-06	0.000E+00	0.000E+00
36	Area	840375.57	829904.21	7.2	33.71	0.5	48.72	07:00 - 19:05	2.595E-05	2.695E-06	2.595E-05	2.695E-06
37	Area	840263.62	829897.9	150	100	0.5	48.72	07:00 - 19:06	2.595E-05	2.695E-06	2.595E-05	2.695E-06
38	Area	839949.04	829892.02	28.73	22.1	0.5	48.72	07:00 - 19:07	2.595E-05	2.695E-06	0.000E+00	0.000E+00
39	Area	839976.92	829885.89	48.54	27.9	0.5	48.72	07:00 - 19:08	2.595E-05	2.695E-06	0.000E+00	0.000E+00
40	Area	839916.04	829883.22	29.43	15.88	0.5	48.72	07:00 - 19:09	2.595E-05	2.695E-06	0.000E+00	0.000E+00
41	Area	840400.9	829881.97	7.2	33.71	0.5	48.72	07:00 - 19:10	2.595E-05	2.695E-06	2.595E-05	2.695E-06
42	Area	839930.08	829870.42	28.73	22.1	0.5	48.72	07:00 - 19:11	2.595E-05	2.695E-06	0.000E+00	0.000E+00
43	Area	840423.91	829861.77	7.2	27.52	0.5	48.72	07:00 - 19:12	2.595E-05	2.695E-06	2.595E-05	2.695E-06
44	Area	839896.62	829861.1	29.43	15.88	0.5	48.72	07:00 - 19:13	2.595E-05	2.695E-06	0.000E+00	0.000E+00
45	Area	839944.9	829849.41	48.54	27.9	0.5	48.72	07:00 - 19:14	2.595E-05	2.695E-06	0.000E+00	0.000E+00
46	Area	839911.12	829848.83	28.73	22.1	0.5	48.72	07:00 - 19:15	2.595E-05	2.695E-06	0.000E+00	0.000E+00
47	Area	839882.13	829844.6	14.49	15.88	0.5	48.72	07:00 - 19:16	2.595E-05	2.695E-06	0.000E+00	0.000E+00
48	Area	840341.79	829829.27	150	108.05	0.5	48.72	07:00 - 19:17	2.595E-05	2.695E-06	2.595E-05	2.695E-06
49	Area	839871.65	829828.14	24.06	9.91	0.5	48.72	07:00 - 19:18	2.595E-05	2.695E-06	0.000E+00	0.000E+00
50	Area	839892.16	829827.24	28.73	22.1	0.5	48.72	07:00 - 19:19	2.595E-05	2.695E-06	0.000E+00	0.000E+00
51	Area	839912.88	829812.94	48.54	27.9	0.5	48.72	07:00 - 19:20	2.595E-05	2.695E-06	0.000E+00	0.000E+00
52	Area	839873.2	829805.65	28.73	22.1	0.5	48.72	07:00 - 19:21	2.595E-05	2.695E-06	0.000E+00	0.000E+00
53	Area	839854.25	829784.06	28.73	22.1	0.5	48.72	07:00 - 19:22	2.595E-05	2.695E-06	0.000E+00	0.000E+00
54	Area	839880.85	829776.47	48.54	27.9	0.5	48.72	07:00 - 19:23	2.595E-05	2.695E-06	0.000E+00	0.000E+00
55	Area	839835.29	829762.46	28.73	22.1	0.5	48.72	07:00 - 19:24	2.595E-05	2.695E-06	0.000E+00	0.000E+00
56	Area	839816.33	829740.87	28.73	22.1	0.5	48.72	07:00 - 19:25	2.595E-05	2.695E-06	0.000E+00	0.000E+00
57	Area	839848.83	829739.99	48.54	27.9	0.5	48.72	07:00 - 19:26	2.595E-05	2.695E-06	0.000E+00	0.000E+00
58	Area	839797.37	829719.28	28.73	22.1	0.5	48.72	07:00 - 19:27	2.595E-05	2.695E-06	0.000E+00	0.000E+00
59	Area	839816.8	829703.52	48.54	27.9	0.5	48.72	07:00 - 19:28	2.595E-05	2.695E-06	0.000E+00	0.000E+00
60	Area	840074.73	829672.06	438.6	301.25	0.5	48.72	07:00 - 19:29	2.595E-05	2.695E-06	0.000E+00	0.000E+00
61	Area	839778.41	829697.69	28.73	22.1	0.5	48.72	07:00 - 19:30	2.595E-05	2.695E-06	0.000E+00	0.000E+00
62	Area	839759.46	829676.09	28.73	22.1	0.5	48.72	07:00 - 19:31	2.595E-05	2.695E-06	0.000E+00	0.000E+00
63	Area	839784.78	829667.04	48.54	27.9	0.5	48.72	07:00 - 19:32	2.595E-05	2.695E-06	0.000E+00	0.000E+00
64	Area	839743.97	829637.31	50	50	0.5	48.72	07:00 - 19:33	2.595E-05	2.695E-06	0.000E+00	0.000E+00
65	Area	839781.54	829604.32	50	50	0.5	48.72	07:00 - 19:34	2.595E-05	2.695E-06	0.000E+00	0.000E+00
66	Area	839710.98	829599.74	50	50	0.5	48.72	07:00 - 19:35	2.595E-05	2.695E-06	0.000E+00	0.000E+00
67	Area	839819.11	829571.33	50	50	0.5	48.72	07:00 - 19:36	2.595E-05	2.695E-06	0.000E+00	0.000E+00
68	Area	839748.57	829566.77	50	50	0.5	48.72	07:00 - 19:37	2.595E-05	2.695E-06	0.000E+00	0.000E+00
69	Area	839856.75	829538.41	50	50	0.5	48.72	07:00 - 19:38	2.595E-05	2.695E-06	0.000E+00	0.000E+00
70	Area	839786.14	829533.78	50	50	0.5	48.72	07:00 - 19:39	2.595E-05	2.695E-06	0.000E+00	0.000E+00
71	Area	839894.32	829505.42	50	50	0.5	48.72	07:00 - 19:40	2.595E-05	2.695E-06	0.000E+00	0.000E+00
72	Area	839823.76	829500.84	50	50	0.5	48.72	07:00 - 19:41	2.595E-05	2.695E-06	0.000E+00	0.000E+00
73	Area	839931.89	829472.43	50	50	0.5	48.72	07:00 - 19:42	2.595E-05	2.695E-06	0.000E+00	0.000E+00
74	Area	839861.35	829467.87	50	50	0.5	48.72	07:00 - 19:43	2.595E-05	2.695E-06	0.000E+00	0.000E+00
75	Area	839969.51	829439.49	50	50	0.5	48.72	07:00 - 19:44	2.595E-05	2.695E-06	0.000E+00	0.000E+00
76	Area	839898.92	829434.88	50	50	0.5	48.72	07:00 - 19:45	2.595E-05	2.695E-06	0.000E+00	0.000E+00
77	Area	839999.21	829413.39	49.91	29.09	0.5	48.72	07:00 - 19:46	2.595E-05	2.695E-06	0.000E+00	0.000E+00
78	Area	840028.74	829408.23	18.7	22.1	0.5	48.72	07				

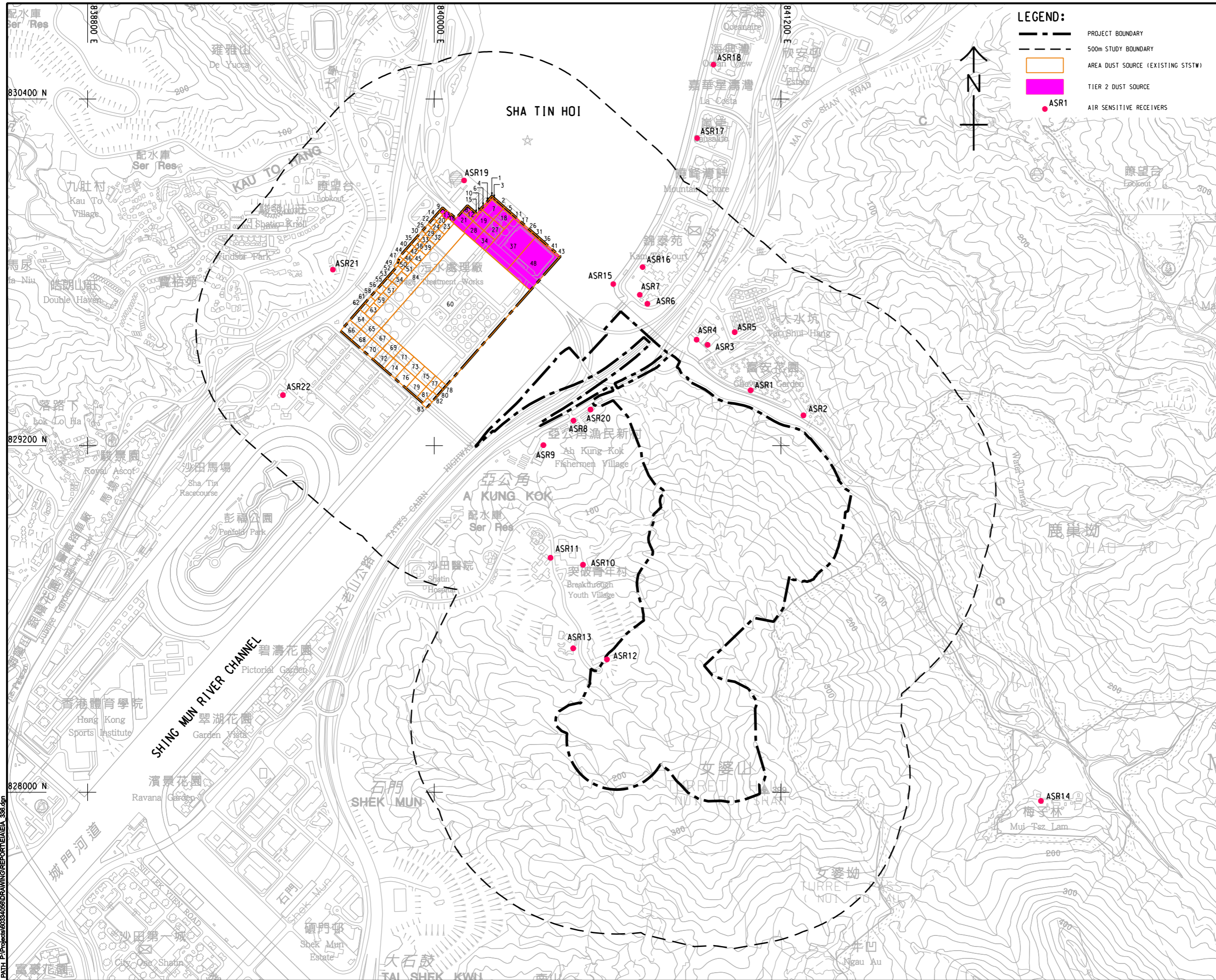
Appendix 3.02e Demolition of Existing STSTW - Calculation of Dust Emission Source

Dust Emission Source Listing in FDM

Demolition of STSTW (Mitigated Scenario)

Source	Type	X1	Y1	X2	Y2	Height (m)	Width / Angle	Working Hour	RSP Emission Rate (g/m ² -s)				FSP Emission Rate (g/m ² -s)			
									Short-term Assessment		Annual Assessment		Short-term Assessment		Annual Assessment	
									Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours
1	Area	840198.54	830056.88	12.06	7.62	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
2	Area	840226.99	830034.92	7.59	35.87	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
3	Area	840208.18	830051.38	7.51	14.12	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
4	Area	840187.05	830043.81	22.75	7.64	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
5	Area	840253.94	830011.26	7.59	35.87	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
6	Area	840172.04	830026.72	22.75	7.64	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
7	Area	840202.68	830017.95	50	50	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
8	Area	840113.25	830014.76	27.21	19.58	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
9	Area	840028.8	830011.58	17.95	15.79	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
10	Area	840157.02	830009.63	22.75	7.64	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
11	Area	840280.89	829987.6	7.59	35.87	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
12	Area	840127.97	830001.84	27.21	19.58	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
13	Area	840042.7	829998.69	25.32	22.1	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
14	Area	840013.15	829993.78	29.43	15.88	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
15	Area	840139.37	829991.86	27.25	10.72	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
16	Area	840061.6	829987.21	17.64	21.46	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
17	Area	840303.15	829967.79	7.2	23.72	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
18	Area	840240.25	829984.96	50	50	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
19	Area	840169.69	829980.38	50	50	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
20	Area	840024.87	829978.38	28.73	22.1	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
21	Area	840099.13	829975.79	50	50	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
22	Area	839993.74	829971.66	29.43	15.88	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
23	Area	840041.58	829959.53	50.38	27.9	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
24	Area	840005.91	829956.79	28.73	22.1	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
25	Area	839974.33	829949.54	29.43	15.88	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
26	Area	840324.9	829948.7	7.2	33.71	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
27	Area	840207.26	829947.39	50	50	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
28	Area	840136.7	829942.8	50	50	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
29	Area	839986.95	829935.2	28.73	22.1	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
30	Area	839954.87	829927.45	29.43	15.88	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
31	Area	840350.23	829926.45	7.2	33.71	0.5	48.72	07:00 - 19:00	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
32	Area	840008.95	829922.36	48.54	27.9	0.5	48.72	07:00 - 19:01	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
33	Area	839967.99	829913.61	28.73	22.1	0.5	48.72	07:00 - 19:02	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
34	Area	840174.27	829909.81	50	50	0.5	48.72	07:00 - 19:03	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
35	Area	839935.46	829905.33	29.43	15.88	0.5	48.72	07:00 - 19:04	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
36	Area	840375.57	829904.21	7.2	33.71	0.5	48.72	07:00 - 19:05	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
37	Area	840263.62	829897.9	150	100	0.5	48.72	07:00 - 19:06	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
38	Area	839949.04	829892.02	28.73	22.1	0.5	48.72	07:00 - 19:07	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
39	Area	839976.92	829885.89	48.54	27.9	0.5	48.72	07:00 - 19:08	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
40	Area	839916.04	829883.22	29.43	15.88	0.5	48.72	07:00 - 19:09	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
41	Area	840400.9	829881.97	7.2	33.71	0.5	48.72	07:00 - 19:10	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
42	Area	839930.08	829870.42	28.73	22.1	0.5	48.72	07:00 - 19:11	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
43	Area	840423.91	829861.77	7.2	27.52	0.5	48.72	07:00 - 19:12	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
44	Area	839896.62	829861.1	29.43	15.88	0.5	48.72	07:00 - 19:13	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
45	Area	839944.9	829849.41	48.54	27.9	0.5	48.72	07:00 - 19:14	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
46	Area	839911.12	829848.83	28.73	22.1	0.5	48.72	07:00 - 19:15	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
47	Area	839882.13	829844.6	14.49	15.88	0.5	48.72	07:00 - 19:16	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
48	Area	840341.79	829829.27	150	108.05	0.5	48.72	07:00 - 19:17	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
49	Area	839871.65	829828.14	24.06	9.91	0.5	48.72	07:00 - 19:18	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
50	Area	839892.16	829827.24	28.73	22.1	0.5	48.72	07:00 - 19:19	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
51	Area	839912.88	829812.94	48.54	27.9	0.5	48.72	07:00 - 19:20	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
52	Area	839873.2	829805.65	28.73	22.1	0.5	48.72	07:00 - 19:21	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
53	Area	839854.25	829784.06	28.73	22.1	0.5	48.72	07:00 - 19:22	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
54	Area	839880.85	829776.47	48.54	27.9	0.5	48.72	07:00 - 19:23	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
55	Area	839835.29	829762.46	28.73	22.1	0.5	48.72	07:00 - 19:24	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
56	Area	839816.33	829740.87	28.73	22.1	0.5	48.72	07:00 - 19:25	1.227E-05	1.275E-06	1.227E-06	1.275E-07	1.868E-06	1.941E-07	1.868E-07	1.941E-08
57	Area	839848.83	829739.99	48.54	27.9	0.5	48.72	07:00								

Pd File by: PENGMW 20160221
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 ISO A1 594mm x 841mm
 Approved: _____
 Checked: _____
 Designer: _____
 Project Management Initials: _____



LEGEND:

- PROJECT BOUNDARY
- 500m STUDY BOUNDARY
- AREA DUST SOURCE (EXISTING STSTW)
- TIER 2 DUST SOURCE
- ASR1
- AIR SENSITIVE RECEIVERS

AECOM

PROJECT
 項目
RELOCATION OF SHA TIN SEWAGE TREATMENT WORKS TO CAVERNS: CAVERNS AND SEWAGE TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

CLIENT
 業主
 渠務署
 Drainage Services Department

CONSULTANT
 工程顧問公司
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS
 分判工程顧問公司

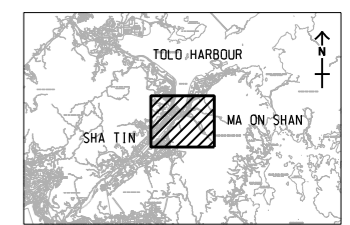
ISSUE/REVISION
 修訂

NO.	DATE	DESCRIPTION	CHK.
A	JAN. 16	EIA	
-	SEP. 15	EIA (DRAFT)	

STATUS
 階段

SCALE
 比例
 A3 1: 12000

DIMENSION UNIT
 尺寸單位
 METRES



PROJECT NO.
 項目編號
 60334056

CONTRACT NO.
 合約編號
 CE 30/2014 (DS)

SHEET TITLE
 圖紙名稱
 LOCATION OF CONSTRUCTION DUST EMISSION SOURCE (DEMOLITION OF EXISTING STSTW)

SHEET NUMBER
 圖紙編號
 60334056/EIA/3.36A

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