

Calculation of Emission factor for Heavy Construction (Tai Wai Area)

E = 1.2tons/acre/month of activity (ref : AP-42 S13.2.3.3)
 or = 2.69Mg/hectare/month of activity

Where

E = Emission Factor (applicable to At-grade, Cut & Cover and Station Construction works)

Assume

For Annual Emission:

Mitigated (Day Time)

Active operating area (%):	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%):	87.50%	watering once per 1.5 hour
E (g/sq.m/day):	0.0673	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000001557	calculated, 12 working hours per day

Unmitigated (Day Time)

Active operating area (%):	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%):	0.00%	unmitigated scenario
E (g/sq.m/day):	0.5380	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000012454	calculated, 12 working hours per day

For 1-hour an 24-hour Emission (Tier 1 and Tier 2):

Mitigated (Day Time)

Active operating area (%):	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%):	87.50%	watering once per 1.5 hour
E (g/sq.m/day):	1.1208	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000025945	calculated, 12 working hours per day

Unmitigated (Day Time)

Active operating area (%):	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%):	0.00%	unmitigated scenario
E (g/sq.m/day):	8.9667	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000207562	calculated, 12 working hours per day

Calculation of Emission factor for Heavy Construction (Kowloon Area)

E = 1.2tons/acre/month of activity (ref : AP-42 S13.2.3.3)
 or = 2.69Mg/hectare/month of activity

Where

E = Emission Factor (applicable to At-grade, Cut & Cover, Paved Haul Road and Station Construction works)

Assume

For Annual Emission:

Mitigated (Day Time)

Active operating area (%):	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%):	91.70%	watering once per hour
E (g/sq.m/day):	0.0447	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000001034	calculated, 12 working hours per day

Mitigated (Day Time) - Haul Road for Transportation

Active operating area (%):	100	assumed to be fully utilized
Mitigation efficiency (%):	91.70%	watering once per hour
E (g/sq.m/day):	0.7442	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000017228	calculated, 12 working hours per day

Unmitigated (Day Time)

Active operating area (%):	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%):	0.00%	unmitigated scenario
E (g/sq.m/day):	0.5380	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000012454	calculated, 12 working hours per day

For 1-hour an 24-hour Emission (Tier 1 and Tier 2):

Mitigated (Day Time)

Active operating area (%):	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%):	91.70%	watering once per hour
E (g/sq.m/day):	0.7442	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000017228	calculated, 12 working hours per day

Mitigated (Day Time) - Haul Road for Transportation

Active operating area (%):	100	assumed to be fully utilized
Mitigation efficiency (%):	91.70%	watering once per hour
E (g/sq.m/day):	0.7442	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000017228	calculated, 12 working hours per day

Unmitigated (Day Time)

Active operating area (%):	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%):	0.00%	unmitigated scenario
E (g/sq.m/day):	8.9667	Assume 30 working days per month and 12 working hours a day
E (g/sq.m/s):	0.000207562	calculated, 12 working hours per day

Calculation of Emission factor for Wind Erosion (Tai Wai Area)

E = 0.85Mg/hectare/yr (ref : AP-42 S11.9, Table 11.9.4)

Where

E = Emission Factor (applicable to all exposed construction sites and stockpiles)

Assume

For Annual Emission:

Unmitigated (Non-working Hours)

Active operating area (%)	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%)	0.00%	no mitigation measure during non-working hours
E (g/sqm/day)	0.013972603	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000001617	calculated, 24-hour emission

Mitigated (Day Time)

Active operating area (%)	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%)	87.50%	watering once per 1.5 hour
E (g/sqm/day)	0.001746575	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000000202	calculated, 24-hour emission

Unmitigated (24-hour)

Active operating area (%)	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%)	0.00%	unmitigated scenario
E (g/sqm/day)	0.013972603	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000001617	calculated, 24-hour emission

For 1-hour an 24-hour Emission (Tier 1 and Tier 2):

Unmitigated (Non-working Hours)

Active operating area (%)	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%)	0.00%	no mitigation measure during non-working hours
E (g/sqm/day)	0.232876712	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000026953	calculated, 24-hour emission

Mitigated (Day Time)

Active operating area (%)	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%)	87.50%	watering once per 1.5 hour
E (g/sqm/day)	0.029109589	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000003369	calculated, 24-hour emission

Unmitigated (24-hour)

Active operating area (%)	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%)	0.00%	unmitigated scenario
E (g/sqm/day)	0.232876712	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000026953	calculated, 24-hour emission

Calculation of Emission factor for Wind Erosion (Kowloon Area)

E = 0.85Mg/hectare/yr (ref : AP-42 S11.9, Table 11.9.4)

Where

E = Emission Factor (applicable to all exposed construction sites and stockpiles)

Assume

For Annual Emission:

Unmitigated (Non-working Hours)

Active operating area (%)	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%)	0.00%	no mitigation measure during non-working hours
E (g/sqm/day)	0.013972603	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000001617	calculated, 24-hour emission

Mitigated (Day Time)

Active operating area (%)	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%)	91.70%	watering once per hour
E (g/sqm/day)	0.001159726	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000000134	calculated, 24-hour emission

Unmitigated (24-hour)

Active operating area (%)	6	refer to Appendix 7.4 for justification
Mitigation efficiency (%)	0.00%	unmitigated scenario
E (g/sqm/day)	0.013972603	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000001617	calculated, 24-hour emission

For 1-hour an 24-hour Emission:

Unmitigated (Non-working Hours)

Active operating area (%)	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%)	0.00%	no mitigation measure during non-working hours
E (g/sqm/day)	0.232876712	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000026953	calculated, 24-hour emission

Mitigated (Day Time)

Active operating area (%)	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%)	91.70%	watering once per hour
E (g/sqm/day)	0.019328767	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000002237	calculated, 24-hour emission

Unmitigated (24-hour)

Active operating area (%)	100	assumed all works area are in full operation for Tier 1 and Tier 2 assessment
Mitigation efficiency (%)	0.00%	unmitigated scenario
E (g/sqm/day)	0.232876712	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000026953	calculated, 24-hour emission

Calculation of Emission factor for Material Handling at Stockpile

According to Section 13.2.4 of AP-42

$$E = k(0.0016) \frac{\left(\frac{U}{2.2}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} \text{ (kg / megagram)}$$

where

- E = Emission Factor in kg/megagram (Ref. AP42 S13.2.4)
- k = Particle size multiplier, k = 0.74 as defined according to Table 2 of S13.2.4
- U = Average wind speed from 2004 to 2008 (i.e. ~2.563m/s)
- M = material moisture content; 4.8% is assumed in the equation

$$E = 0.74 \times (0.0016) \times (2.563/2.2)^{1.3}/(4.8/2)^{1.4}$$

$$= 0.00042 \text{ kg/megagram}$$

No. of trucks loading/unloading at each stockpile =	6 per hour
Average carrying capacity for each truck =	12 tonne
Quantity of excavated materials loading at barging point =	72 megagram per hour
Mitigation efficiency (%) =	91.70% watering once per hour

$$\text{Emission Rate} = 0.00042 \times 72 \times (1 - 0.917)$$

$$= 0.00253 \text{ kg/hour}$$

$$= 0.00070 \text{ g/s}$$

Mitigated (Day Time)

For Stockpile Area

Emission Rate =	0.00070 g/s
Total Area for Stockpile =	38363 sq. m
Emission Rate per unit area =	0.000000018 g/sq.m/s

Unmitigated (Day Time)

For Stockpile Area

Emission Rate =	0.00848 g/s
Total Area for Stockpile =	38363 sq. m
Emission Rate per unit area =	0.000000221 g/sq.m/s

Calculation of Emission Factor for Material Handling at Barging Point

According to Section 13.2.4 of AP-42

$$E = k(0.0016) \frac{\left(\frac{U}{2.2}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} \text{ (kg / megagram)}$$

where

E = Emission Factor in kg/megagram (Ref. AP42 S13.2.4)

k = Particle size multiplier, k = 0.74 as defined according to Table 2 of S13.2.4

U = Average wind speed from 2004 to 2008 (i.e. ~2.563m/s)

M = material moisture content; 4.8% is assumed in the equation

$$E = 0.74 \times (0.0016) \times (2.563/2.2)^{1.3} / (4.8/2)^{1.4}$$

$$= 0.00042 \text{ kg/megagram}$$

No. of trucks loading/unloading at each barging point(Kai Tak Runway) = 27 per hour (provided by DM Team) (total no. of trucks = 82, equally share by 3 barging points)

Average carrying capacity for each truck = 12 tonne

Quantity of excavated materials loading at barging point = 324 megagram per hour

No. of trucks loading/unloading at each barging point (for sand depot and concrete batching plant) = 20 per hour (estimated, total no. of truck = 40, equally shared by 2 barging points)

Average carrying capacity for each truck = 12 tonne

Quantity of excavated materials loading at barging point = 240 megagram per hour

Mitigated (Kai Tak) (Day Time)

$$E = 0.00042 \text{ kg/megagram}$$

Mitigation efficiency (%) 50.00% 3-side with top cover and water spraying system to be provided

$$= 68.6744 \text{ g/hour}$$

$$= 0.0191 \text{ g/s}$$

Mitigated (Sand Depot & Concrete Batching Plant) (Day Time)

$$E = 0.00042 \text{ kg/megagram}$$

Mitigation efficiency (%) 50.00% 3-side with top cover and water spraying system to be provided

$$= 50.8699 \text{ g/hour}$$

$$= 0.0141 \text{ g/s}$$

Unmitigated (Kai Tak)(Day Time)

$$E = 0.00042 \text{ kg/megagram}$$

Mitigation efficiency (%) 0.00% unmitigated scenario

$$= 137.3487 \text{ g/hour}$$

$$= 0.0382 \text{ g/s}$$

Unmitigated (Sand Depot & Concrete Batching Plant) (Day Time)

$$E = 0.00042 \text{ kg/megagram}$$

Mitigation efficiency (%) 0.00% unmitigated scenario

$$= 101.7398 \text{ g/hour}$$

$$= 0.0283 \text{ g/s}$$

Calculation of Emission factor for Potential New Concrete Batching Plant in Kai Tak

For Cement / PFA Silos and Mixer

$$E = 30 \quad \text{mg / m}^3, \text{ Design emission concentration for silos}$$
$$E = 40 \quad \text{mg / m}^3, \text{ Design emission concentration for mixer}$$

For unloading of material at concrete batching plant

$$E = 0.00350 \quad \text{kg / ton of aggregate handled, according to Section 11.12 of AP-42}$$

where

E = emission factor

Given

Dust Extraction Flow Rate for Cement & PFA Silos =	1780	m ³ / hr	estimated
Dust Extraction Flow Rate for Mixer =	1780	m ³ / hr	estimated
Aggregate Loading Rate =	480	ton / hour	

Cement & PFA Silos

$$\text{Emission Rate (g/s)} : \quad 30 \times 1780 \times 1000 / 3600$$
$$= \mathbf{0.014833333}$$

Mixer

$$\text{Emission Rate (g/s)} : \quad 40 \times 1780 \times 1000 / 3600$$
$$= \mathbf{0.019777778}$$

Unloading of Raw Material (Mitigated) - at Concrete Batching Plant

$$\text{Emission Rate (g/s)} : \quad 0.0035 \times 480 \times 1000 / 3600$$
$$= 0.466666667$$

Mitigation Efficiency (%) 95% 3-side with top cover and water spraying system to be provided

$$\text{Emission Rate (g/s)} : \quad \mathbf{0.023333333}$$

Unloading of Raw Material (unmitigated) - at Concrete Batching Plant

$$\text{Emission Rate (g/s)} : \quad 0.0035 \times 480 \times 1000 / 3600$$
$$= 0.466666667$$

Mitigation Efficiency (%) 0% unmitigated scenario

$$\text{Emission Rate (g/s)} : \quad \mathbf{0.466666667}$$

Calculation of Emission factor for Unloading at Hin Keng Portal

For Conveyor Transfer Point

E = 0.0015 kg / ton of production, according to Section 11.19 of AP-42

where

E = emission factor

Given

Unloading Rate : 500 ton / day provided by Engineer
 42 ton / hour 12 working hours per day

Unloading from Conveyor (Mitigated)

Emission Rate (g/s) : 0.0015 x 42 x 1000 / 3600
 = 0.017361111

Mitigation Efficiency (%) 95% 3-side with top cover and water spraying system to be provided to the unloading point

Emission Rate (g/s) : **0.000868056**

Unloading from Conveyor (Unmitigated)

Emission Rate (g/s) : 0.0015 x 42 x 1000 / 3600
 = 0.017361111

Mitigation Efficiency (%) 0% unmitigated scenario

Emission Rate (g/s) : **0.017361111**

Calculation of Emission factor for Yau Lee Concrete Batching Plant at Site 1B, Kai Tak

For Cement / PFA Silos and Mixer

$$E = 50 \text{ mg / m}^3, \text{ BPM 3/2(93)}$$

For Unloading of Raw Material

$$E = 0.0035 \text{ kg / ton of production, according to Section 11.12 of AP-42}$$

where

E = emission factor

Given

Dust Extraction Flow Rate for Cement & PFA Silos =	1780	m3 / hr	
Dust Extraction Flow Rate for Mixer =	1780	m3 / hr	
Aggregate Loading Rate =	1258	ton / day	With reference to the current SP
	105	ton / hr	Licence L-3-228(1)

Cement & PFA Silos

$$\begin{aligned} \text{Emission Rate (g/s) :} & \quad 50 \times 1780 \times 1000 / 3600 \\ & = \mathbf{0.024722222} \end{aligned}$$

Mixer

$$\begin{aligned} \text{Emission Rate (g/s) :} & \quad 50 \times 1780 \times 1000 / 3600 \\ & = \mathbf{0.024722222} \end{aligned}$$

Unloading of Raw Material (Mitigated)

$$\begin{aligned} \text{Emission Rate (g/s) :} & \quad 0.0035 \times 105 \times 1000 / 3600 \\ & = 0.101921296 \end{aligned}$$

Mitigation Efficiency (%) 95% 3-side with top cover and water spraying system to be provided to the ground hopper

$$\text{Emission Rate (g/s) :} \quad \mathbf{0.005096065}$$

Calculation of Emission factor for Sand Depot

According to Section 13.2.4 of AP-42

$$E = k(0.0016) \frac{\left(\frac{U}{2.2}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} \text{ (kg / megagram)}$$

where

E = Emission Factor in kg/megagram (Ref. USEPA AP42 Section 13.2.4)

k = Particle size multiplier, k = 0.74 as defined according to Table 2 of S13.2.4

U = Average wind speed from 2004 to 2008 (i.e. ~2.563m/s)

M = material moisture content; 4.8% is assumed in the equation

$$\begin{aligned} E &= 0.74 \times (0.0016) \times (2.563/2.2)^{1.3}/(4.8/2)^{1.4} \\ &= 0.00042 \quad \text{kg/megagram} \end{aligned}$$

Given

Aggregate Loading Rate = 240 ton / hour

Material Handling at Sand Depot (Mitigated)

$$\begin{aligned} \text{Emission Rate} &= 0.00042 \times 240 \times 1000 / 3600 \\ &= 0.028261057 \quad \text{g/s} \end{aligned}$$

Mitigation Efficiency : 91.7% watering once per hour

$$\text{Emission Rate} = 0.002345668 \quad \text{g/s}$$

Sand Depot Area : 8265 sq.m

$$\text{Emission Rate} = \mathbf{0.00000284} \quad \text{g/sq.m/s}$$

Material Handling at Sand Depot (Unmitigated)

$$\begin{aligned} \text{Emission Rate} &= 0.00042 \times 240 \times 1000 / 3600 \\ &= 0.028261057 \quad \text{g/s} \end{aligned}$$

Mitigation Efficiency : 0.0% Unmitigated

$$\text{Emission Rate} = 0.028261057 \quad \text{g/s}$$

Sand Depot Area : 8265 sq.m

$$\text{Emission Rate} = \mathbf{0.000003419} \quad \text{g/sq.m/s}$$

Location and Details of Worksites for Fugitive Dust Assessment (Tai Wai Area) - SCL (TAW-HUH)

Tier 2 short-term (1-hour & 24-hour) assessment - near Hin Keng Estate (mitigated) *For ASR TAW-6-8

Location	Sources/ Activities	Source ID	Source Type	Coordinates of centroid		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)						Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Unloading		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
Hin Keng Portal	Cut & Cover Construction	314	Area	835599	824735	37	145	0	7	0.000025945		0.00000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	315	Area	835617	824636	66	46	0	18	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	301	Area	835878	825415	43	8	0	54	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	302	Area	835836	825344	121	7	0	61	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	303	Area	835824	825267	23	61	0	59	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	304	Area	835786	825248	47	9	0	51	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	305	Area	835779	825221	102	15	0	51	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	306	Area	835735	825159	47	14	0	62	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	307	Area	835721	825117	17	36	0	0	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	308	Area	835702	825085	36	20	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	309	Area	835706	825058	82	20	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	310	Area	835704	825028	92	20	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	311	Area	835708	824997	106	25	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	312	Area	835663	824925	58	20	0	74	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	Station Construction	324	Area	835622	824918	151	33	0	73	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	Station Construction	325	Area	835657	824958	79	10	0	73	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	Station Construction	326	Area	835661	825036	96	20	0	73	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	327	Area	835763	825254	385	27	0	61	0.000025945		0.00000337	0.000002695			0700 - 1900
Hin Keng Portal	Unloading of material	UL	Point	835548	824594	0	0	0	0					0.000868056		0700 - 1900

Tier 2 short-term (1-hour & 24-hour) assessment - near Hin Keng Estate (mitigated) *For ASR TAW-6-6

Location	Sources/ Activities	Source ID	Source Type	Coordinates of centroid		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)						Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Unloading		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
Hin Keng Portal	Cut & Cover Construction	316*	Area	835657	824586	95	59	0	13	0.000025945		0.00000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	317	Area	835732	824599	64	32	0	0	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	301	Area	835878	825415	43	8	0	54	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	302	Area	835836	825344	121	7	0	61	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	303	Area	835824	825267	23	61	0	59	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	304	Area	835786	825248	47	9	0	51	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	305	Area	835779	825221	102	15	0	51	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	306	Area	835735	825159	47	14	0	62	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	307	Area	835721	825117	17	36	0	0	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	308	Area	835702	825085	36	20	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	309	Area	835706	825058	82	20	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	310	Area	835704	825028	92	20	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	311	Area	835708	824997	106	25	0	46	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	312	Area	835663	824925	58	20	0	74	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	Station Construction	324	Area	835622	824918	151	33	0	73	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	Station Construction	325	Area	835657	824958	79	10	0	73	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	Station Construction	326	Area	835661	825036	96	20	0	73	0.000025945		0.00000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	327	Area	835763	825254	385	27	0	61	0.000025945		0.00000337	0.000002695			0700 - 1900
Hin Keng Portal	Unloading of material	UL	Point	835548	824594	0	0	0	0					0.000868056		0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Tai Wai Area) - SCL (TAW-HUH)

Tier 2 short-term (1-hour & 24-hour) assessment - near Hin Keng Playground (mitigated)

Location	Sources/ Activities	Source ID	Source Type	Coordinates of centroid		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)						Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Unloading		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
HIK Station	At-grade construction	301	Area	835878	825415	43	8	0	54	0.000025945		0.000000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	302	Area	835836	825344	121	7	0	61	0.000025945		0.000000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	303	Area	835824	825267	23	61	0	59	0.000025945		0.000000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	304	Area	835786	825248	47	9	0	51	0.000025945		0.000000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	305	Area	835779	825221	102	15	0	51	0.000025945		0.000000337	0.000002695			0700 - 1900
HIK Station	At-grade construction	327*	Area	835739	825211	185	27	0	61	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	313	Area	835608	824822	29	26	0	0	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	314	Area	835599	824735	37	145	0	7	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	315	Area	835617	824636	66	46	0	18	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	316	Area	835656	824584	95	65	0	13	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	317	Area	835732	824599	64	32	0	0	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	318	Area	835632	824519	53	44	0	13	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	319	Area	835579	824576	60	43	0	13	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	320	Area	835546	824607	10	32	0	13	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	321	Area	835531	824640	28	37	0	13	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	322	Area	835512	824679	22	47	0	14	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	323	Area	835528	824750	103	8	0	61	0.000025945		0.000000337	0.000002695			0700 - 1900
Hin Keng Portal	Unloading of material	UL	Point	835548	824594	0	0	0	0					0.000868056		0700 - 1900

Tier 1 short-term (1-hour & 24-hour) assessment - Unmitigated

Location	Sources/ Activities	Source ID	Source Type	Coordinates of centroid		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)						Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Unloading		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
HIK Station	At-grade construction	301	Area	835878	825415	43	8	0	54	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	302	Area	835836	825344	121	7	0	61	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	303	Area	835824	825267	23	61	0	59	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	304	Area	835786	825248	47	9	0	51	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	305	Area	835779	825221	102	15	0	51	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	306	Area	835735	825159	47	14	0	62	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	307	Area	835721	825117	17	36	0	0	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	308	Area	835702	825085	36	20	0	46	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	309	Area	835706	825058	82	20	0	46	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	310	Area	835704	825028	92	20	0	46	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	311	Area	835708	824997	106	25	0	46	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	312	Area	835663	824925	58	20	0	74	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Viaduct construction	313	Area	835608	824822	29	26	0	0	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	314	Area	835599	824735	37	145	0	7	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	315	Area	835617	824636	66	46	0	18	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	316	Area	835656	824584	95	65	0	13	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	317	Area	835732	824599	64	32	0	0	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	318	Area	835632	824519	53	44	0	13	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	319	Area	835579	824576	60	43	0	13	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	320	Area	835546	824607	10	32	0	13	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	321	Area	835531	824640	28	37	0	13	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	322	Area	835512	824679	22	47	0	14	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	At-grade construction	323	Area	835528	824750	103	8	0	61	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	Station Construction	324	Area	835622	824918	151	33	0	73	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	Station Construction	325	Area	835657	824958	79	10	0	73	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	Station Construction	326	Area	835661	825036	96	20	0	73	0.000207562		0.000002695	0.000002695			0700 - 1900
HIK Station	At-grade construction	327	Area	835763	825254	385	27	0	61	0.000207562		0.000002695	0.000002695			0700 - 1900
Hin Keng Portal	Unloading of material	UL	Point	835548	824594	0	0	0	0					0.017361111		0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Tai Wai Area) - SCL (TAW-HUH)

Long-term (annual) assessment - Unmitigated

Location	Sources/ Activities	Source ID	Source Type	Coordinates of centroid		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)						Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Unloading		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
HIK Station	At-grade construction	301	Area	835878	825415	43	8	0	54	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	302	Area	835836	825344	121	7	0	61	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	303	Area	835824	825267	23	61	0	59	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	304	Area	835786	825248	47	9	0	51	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	305	Area	835779	825221	102	15	0	51	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	306	Area	835735	825159	47	14	0	62	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	307	Area	835721	825117	17	36	0	0	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	308	Area	835702	825085	36	20	0	46	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	309	Area	835706	825058	82	20	0	46	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	310	Area	835704	825028	92	20	0	46	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	311	Area	835708	824997	106	25	0	46	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	312	Area	835663	824925	58	20	0	74	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Viaduct construction	313	Area	835608	824822	29	26	0	0	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	314	Area	835599	824735	37	145	0	7	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	315	Area	835617	824636	66	46	0	18	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	316	Area	835656	824584	95	65	0	13	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	317	Area	835732	824599	64	32	0	0	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Cut & Cover Construction	318	Area	835632	824519	53	44	0	13	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	At-grade construction	319	Area	835579	824576	60	43	0	13	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	At-grade construction	320	Area	835546	824607	10	32	0	13	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	At-grade construction	321	Area	835531	824640	28	37	0	13	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	At-grade construction	322	Area	835512	824679	22	47	0	14	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	At-grade construction	323	Area	835528	824750	103	8	0	61	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	Station Construction	324	Area	835622	824918	151	33	0	73	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	Station Construction	325	Area	835657	824958	79	10	0	73	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	Station Construction	326	Area	835661	825036	96	20	0	73	0.000012454		0.000000162	0.000000162			0700 - 1900
HIK Station	At-grade construction	327	Area	835763	825254	385	27	0	61	0.000012454		0.000000162	0.000000162			0700 - 1900
Hin Keng Portal	Unloading of material	UL	Point	835548	824594	0	0	0	0					0.017361111		0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour		
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /	
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours
KAT Station	Stockpile of material	553	Area	838595	821425	175	57	0	46.0			0.000000018		0.000000224	0.000002695					0700 - 1900
KAT Station	Stockpile of material	554	Area	838670	821497	30	54	0	46.0			0.000000018		0.000000224	0.000002695					0700 - 1900
KAT Station	Stockpile of material	555	Area	838719	821501	48	13	0	0.0			0.000000018		0.000000224	0.000002695					0700 - 1900
KAT Station	Stockpile of material	556	Area	838718	821521	75	27	0	0.0			0.000000018		0.000000224	0.000002695					0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	563	Area	838260	820914	158	8	0	45.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	564	Area	838354	820941	8	82	0	45.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	565	Area	838394	820887	8	51	0	22.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-1	Point	838714	819739	0	0	0	0.0									0.019076214		0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-2	Point	838810	819646	0	0	0	0.0									0.019076214		0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-3	Point	838906	819554	0	0	0	0.0									0.019076214		0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000017228				0.000000224	0.000002695					0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000017228				0.000000224	0.000002695					0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000017228				0.000000224	0.000002695					0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Cut & Cover Construction	436	Area	838981	822001	18	103	0	23.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	450	Area	838530	822355	87	80	0	0.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	451	Area	838586	822365	26	71	0	0.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	452	Area	838610	822374	21	37	0	0.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	453	Area	838669	822389	14	238	0	58.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	454	Area	838701	822413	14	176	0	65.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	455	Area	838745	822434	60	46	0	65.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	456	Area	838864	822320	13	196	0	55.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	457	Area	838799	822282	55	55	0	56.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	458	Area	838690	822273	95	225	0	50.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	459	Area	838847	822213	139	102	0	61.0	0.000017228				0.000000224	0.000002695					0700 - 1900
DIH Station	Station & Stabling Sidings Construction	460	Area	838923	822101	42	126	0	56.0	0.000017228				0.000000224	0.000002695					0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR1	Area	838709	819831	8	400	0	46.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR2	Area	838556	819954	29	8	0	46.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR3	Area	838760	819744	8	577	0	46.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR4	Area	838987	819570	55	8	0	46.0	0.000017228										0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR5	Area	838937	819651	8	177	0	46.0	0.000017228										0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - KTE & EPIW

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Barging Point		Concrete Batch Plant /		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
North of HMT Station	Heavy Construction	EPIW-5	Area	836773	819140	21	75	0	28.8	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-6	Area	836680	819136	115	11	0	-5.8	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-7	Area	836752	819109	33	24	0	0.0	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-8	Area	836791	819089	10	54	0	43.7	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-9	Area	836666	818893	82	79	0	43.9	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-10	Area	836705	818861	43	21	0	43.9	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-11	Area	836742	818886	46	36	0	43.9	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-12	Area	837018	818874	22	45	0	56.5	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW_A-1	Area	836869	819061	90	6	0	3.6	0.000017228		0.000000224	0.000002695					0700 - 1900
North of HMT Station	Heavy Construction	EPIW_A-2	Area	836928	819110	109	8	0	55.8	0.000017228		0.000000224	0.000002695					0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour				
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /			
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours		
KAT Station	Stockpile of material	553	Area	838595	821425	175	57	0	46.0			0.000000018		0.000000013	0.000000162							0700 - 1900
KAT Station	Stockpile of material	554	Area	838670	821497	30	54	0	46.0			0.000000018		0.000000013	0.000000162							0700 - 1900
KAT Station	Stockpile of material	555	Area	838719	821501	48	13	0	0.0			0.000000018		0.000000013	0.000000162							0700 - 1900
KAT Station	Stockpile of material	556	Area	838718	821521	75	27	0	0.0			0.000000018		0.000000013	0.000000162							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	563	Area	838260	820914	158	8	0	45.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	564	Area	838354	820941	8	82	0	45.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	565	Area	838394	820887	8	51	0	22.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-1	Point	838714	819739	0	0	0	0.0												0.019076214	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-2	Point	838810	819646	0	0	0	0.0												0.019076214	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-3	Point	838906	819554	0	0	0	0.0												0.019076214	0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000001034				0.000000013	0.000000162							0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000001034				0.000000013	0.000000162							0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000001034				0.000000013	0.000000162							0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Cut & Cover Construction	436	Area	838981	822001	18	103	0	23.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	450	Area	838530	822355	87	80	0	0.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	451	Area	838586	822365	26	71	0	0.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	452	Area	838610	822374	21	37	0	0.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	453	Area	838669	822389	14	238	0	58.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	454	Area	838701	822413	14	176	0	65.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	455	Area	838745	822434	60	46	0	65.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	456	Area	838864	822320	13	196	0	55.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	457	Area	838799	822282	55	55	0	56.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	458	Area	838690	822273	95	225	0	50.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	459	Area	838847	822213	139	102	0	61.0	0.000001034				0.000000013	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	460	Area	838923	822101	42	126	0	56.0	0.000001034				0.000000013	0.000000162							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR1	Area	838709	819831	8	400	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR2	Area	838556	819954	29	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR3	Area	838760	819744	8	577	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR4	Area	838987	819570	55	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR5	Area	838937	819651	8	177	0	46.0	0.000017228												0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - KTE & EPIW

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour
				X1	Y1	X2	Y2			Heavy Construction		Wind Erosion		Barging Point		Concrete Batch Plant /		
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	
North of HMT Station	Heavy Construction	EPIW-7	Area	836752	819109	33	24	0	0.0	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-8	Area	836791	819089	10	54	0	43.7	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-9	Area	836666	818893	82	79	0	43.9	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-10	Area	836705	818861	43	21	0	43.9	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-11	Area	836742	818886	46	36	0	43.9	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW-12	Area	837018	818874	22	45	0	56.5	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW_A-1	Area	836869	819061	90	6	0	3.6	0.000001034		0.000000013	0.000000162					0700 - 1900
North of HMT Station	Heavy Construction	EPIW_A-2	Area	836928	819110	109	8	0	55.8	0.000001034		0.000000013	0.000000162					0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour				
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /			
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours		
KAT Station	Stockpile of material	553	Area	838595	821425	175	57	0	46.0			0.00000221		0.000002695	0.000002695							0700 - 1900
KAT Station	Stockpile of material	554	Area	838670	821497	30	54	0	46.0			0.00000221		0.000002695	0.000002695							0700 - 1900
KAT Station	Stockpile of material	555	Area	838719	821501	48	13	0	0.0			0.00000221		0.000002695	0.000002695							0700 - 1900
KAT Station	Stockpile of material	556	Area	838718	821521	75	27	0	0.0			0.00000221		0.000002695	0.000002695							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	563	Area	838260	820914	158	8	0	45.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	564	Area	838354	820941	8	82	0	45.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	565	Area	838394	820887	8	51	0	22.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-1	Point	838714	819739	0	0	0	0.0												0.038152428	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-2	Point	838810	819646	0	0	0	0.0												0.038152428	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-3	Point	838906	819554	0	0	0	0.0												0.038152428	0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000207562				0.000002695	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000207562				0.000002695	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000207562				0.000002695	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Cut & Cover Construction	436	Area	838981	822001	18	103	0	23.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	450	Area	838530	822355	87	80	0	0.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	451	Area	838586	822365	26	71	0	0.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	452	Area	838610	822374	21	37	0	0.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	453	Area	838669	822389	14	238	0	58.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	454	Area	838701	822413	14	176	0	65.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	455	Area	838745	822434	60	46	0	65.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	456	Area	838864	822320	13	196	0	55.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	457	Area	838799	822282	55	55	0	56.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	458	Area	838690	822273	95	225	0	50.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	459	Area	838847	822213	139	102	0	61.0	0.000207562				0.000002695	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	460	Area	838923	822101	42	126	0	56.0	0.000207562				0.000002695	0.000002695							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR1	Area	838709	819831	8	400	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR2	Area	838556	819954	29	8	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR3	Area	838760	819744	8	577	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR4	Area	838987	819570	55	8	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR5	Area	838937	819651	8	177	0	46.0	0.000207562												0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour				
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /			
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours		
KAT Station	Stockpile of material	553	Area	838595	821425	175	57	0	46.0			0.000000221		0.000000162	0.000000162							0700 - 1900
KAT Station	Stockpile of material	554	Area	838670	821497	30	54	0	46.0			0.000000221		0.000000162	0.000000162							0700 - 1900
KAT Station	Stockpile of material	555	Area	838719	821501	48	13	0	0.0			0.000000221		0.000000162	0.000000162							0700 - 1900
KAT Station	Stockpile of material	556	Area	838718	821521	75	27	0	0.0			0.000000221		0.000000162	0.000000162							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	563	Area	838260	820914	158	8	0	45.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	564	Area	838354	820941	8	82	0	45.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	565	Area	838394	820887	8	51	0	22.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-1	Point	838714	819739	0	0	0	0.0												0.038152428	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-2	Point	838810	819646	0	0	0	0.0												0.038152428	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPT-3	Point	838906	819554	0	0	0	0.0												0.038152428	0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000012454				0.000000162	0.000000162							0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000012454				0.000000162	0.000000162							0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000012454				0.000000162	0.000000162							0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Cut & Cover Construction	436	Area	838981	822001	18	103	0	23.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	450	Area	838530	822355	87	80	0	0.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	451	Area	838586	822365	26	71	0	0.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	452	Area	838610	822374	21	37	0	0.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	453	Area	838669	822389	14	238	0	58.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	454	Area	838701	822413	14	176	0	65.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	455	Area	838745	822434	60	46	0	65.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	456	Area	838864	822320	13	196	0	55.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	457	Area	838799	822282	55	55	0	56.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	458	Area	838690	822273	95	225	0	50.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	459	Area	838847	822213	139	102	0	61.0	0.000012454				0.000000162	0.000000162							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	460	Area	838923	822101	42	126	0	56.0	0.000012454				0.000000162	0.000000162							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR1	Area	838709	819831	8	400	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR2	Area	838556	819954	29	8	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR3	Area	838760	819744	8	577	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR4	Area	838987	819570	55	8	0	46.0	0.000207562												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPT-HR5	Area	838937	819651	8	177	0	46.0	0.000207562												0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

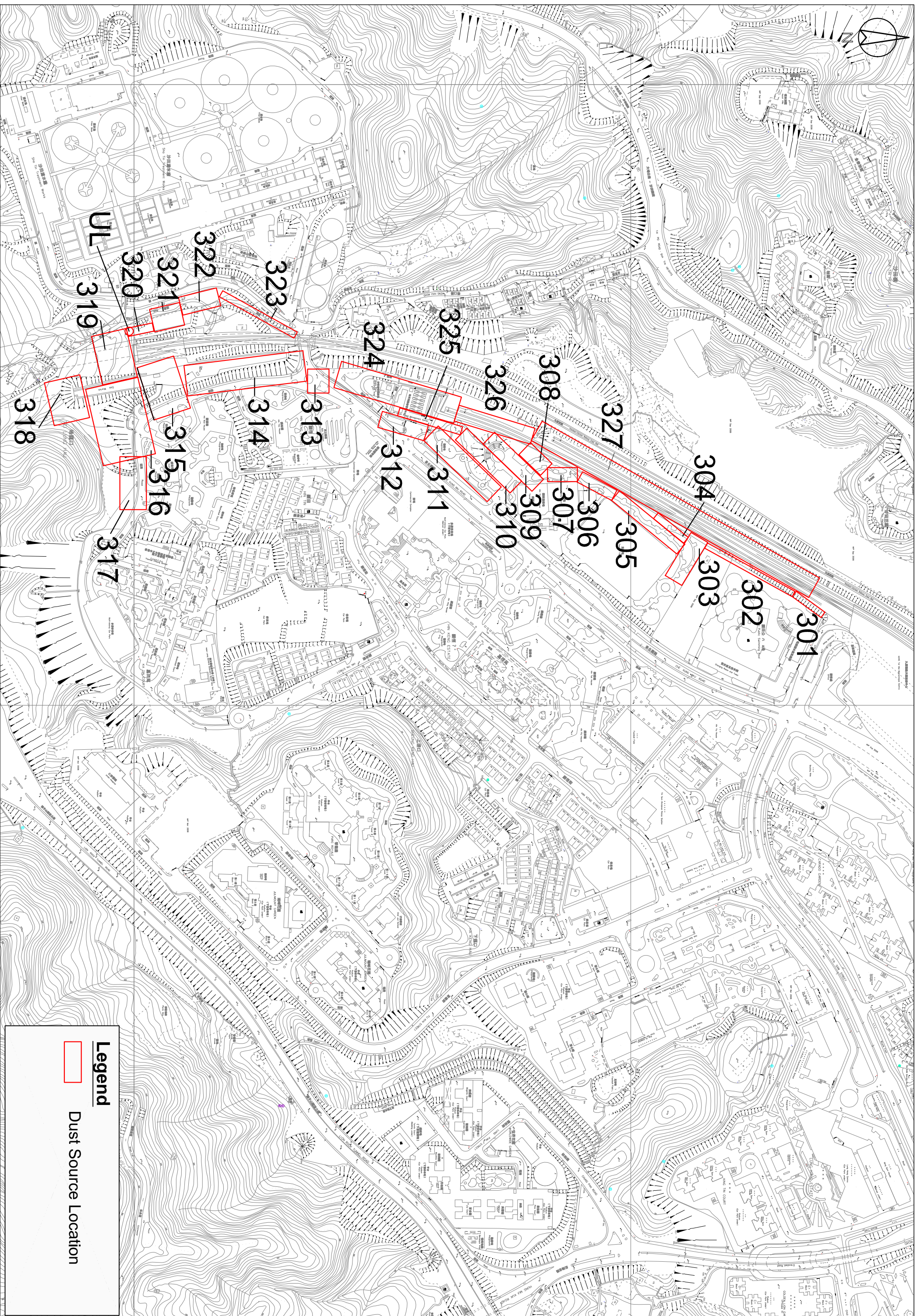
Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour				
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /			
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours		
TKW Station	At-grade construction	532	Area	837596	820884	52	38	0	23.0	0.000017228				0.000000224	0.000002695							0700 - 1900
TKW Station	At-grade construction	535	Area	837596	820937	58	19	0	87.0	0.000017228				0.000000224	0.000002695							0700 - 1900
TKW Station	Stockpile of material	551	Area	838022	821043	55	99	0	46.0			0.000000018		0.000000224	0.000002695							0700 - 1900
KAT Station	Stockpile of material	552	Area	838458	821322	164	114	0	46.0			0.000000018		0.000000224	0.000002695							0700 - 1900
KAT Station	Stockpile of material	553	Area	838595	821425	175	57	0	46.0			0.000000018		0.000000224	0.000002695							0700 - 1900
KAT Station	Stockpile of material	554	Area	838670	821497	30	54	0	46.0			0.000000018		0.000000224	0.000002695							0700 - 1900
KAT Station	Stockpile of material	555	Area	838719	821501	48	13	0	0.0			0.000000018		0.000000224	0.000002695							0700 - 1900
KAT Station	Stockpile of material	556	Area	838718	821521	75	27	0	0.0			0.000000018		0.000000224	0.000002695							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	563	Area	838260	820914	158	8	0	45.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	564	Area	838354	820941	8	82	0	45.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	565	Area	838394	820887	8	51	0	22.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-1	Point	838714	819739	0	0	0	0.0								0.019076214					0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-2	Point	838810	819646	0	0	0	0.0								0.019076214					0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-3	Point	838906	819554	0	0	0	0.0								0.019076214					0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR1	Area	838709	819831	8	400	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR2	Area	838556	819954	29	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR3	Area	838760	819744	8	577	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR4	Area	838987	819570	55	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR5	Area	838937	819651	8	177	0	46.0	0.000017228												0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour				
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /			
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours		
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-1	Point	838714	819739	0	0	0	0.0												0.019076214	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-2	Point	838810	819646	0	0	0	0.0												0.019076214	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-3	Point	838906	819554	0	0	0	0.0												0.019076214	0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Cut & Cover Construction	436	Area	838981	822001	18	103	0	23.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	450	Area	838530	822355	87	80	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	451	Area	838586	822365	26	71	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	452	Area	838610	822374	21	37	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	453	Area	838669	822389	14	238	0	58.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	454	Area	838701	822413	14	176	0	65.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	455	Area	838745	822434	60	46	0	65.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	456	Area	838864	822320	13	196	0	55.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	457	Area	838799	822282	55	55	0	56.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	458	Area	838690	822273	95	225	0	50.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	459	Area	838847	822213	139	102	0	61.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	460	Area	838923	822101	42	126	0	56.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR1	Area	838709	819831	8	400	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR2	Area	838556	819954	29	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR3	Area	838760	819744	8	577	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR4	Area	838987	819570	55	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR5	Area	838937	819651	8	177	0	46.0	0.000017228												0700 - 1900

Location and Details of Worksites for Fugitive Dust Assessment (Kowloon Area) - SCL (TAW-HUH)

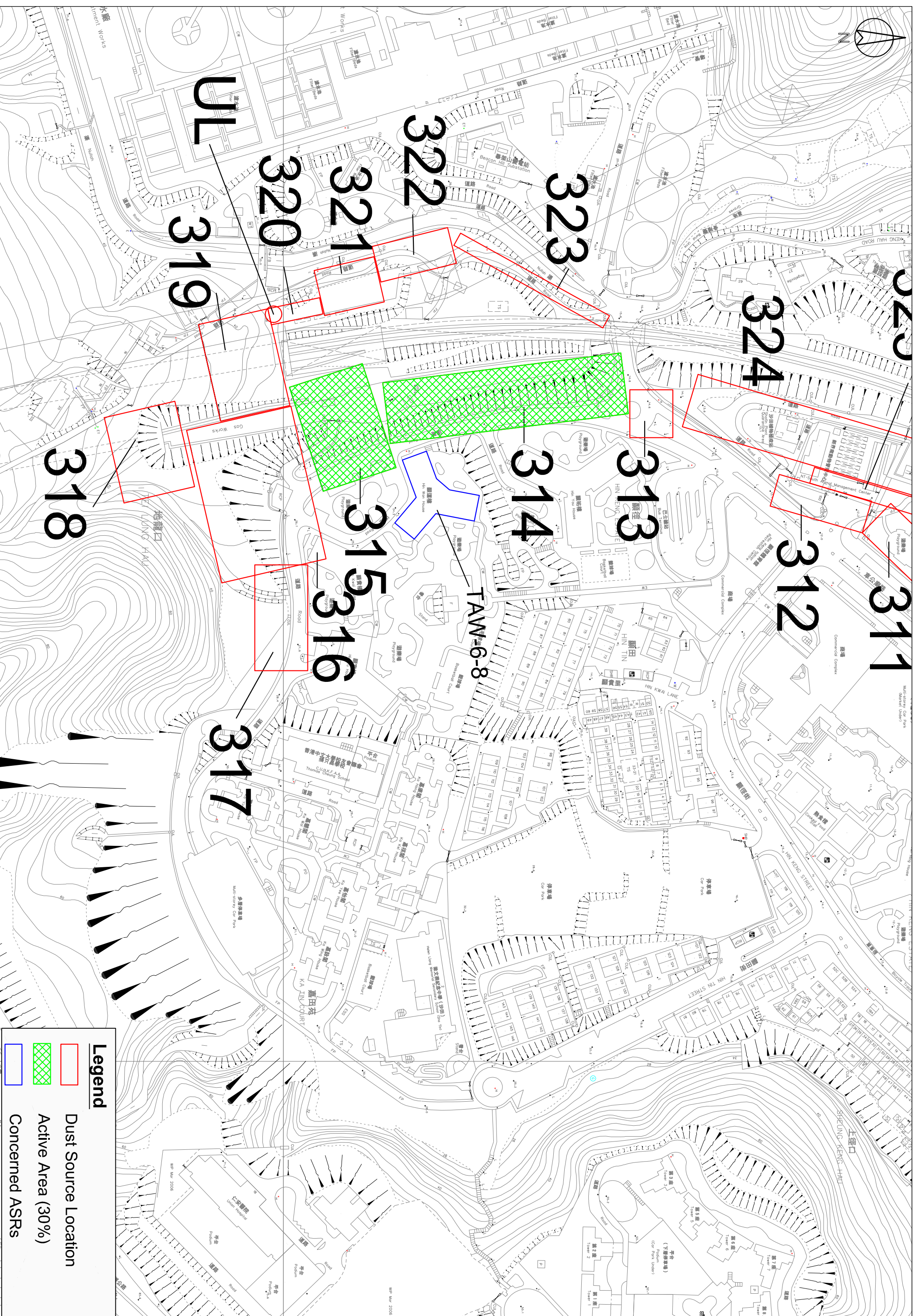
Location	Sources/ Activities	Source ID	Source Type	Coordinates of		Dimension (m)		Height (m)	Angle / Width (deg / m)	Emission Rate (g/s/sq.m)								Working Hour				
				X1	Y1	X2	Y2			Heavy Construction		Stockpiling		Wind Erosion		Barging Point			Concrete Batch Plant /			
				(m)	(m)	(m)	(m)			Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours	Daytime	Non-working Hours		Daytime	Non-working Hours		
Off-site area in Kai Tak	Paved Haul Road to Barging Point	564	Area	838354	820941	8	82	0	45.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	565	Area	838394	820887	8	51	0	22.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	566	Area	838427	820836	8	75	0	40.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	567	Area	838455	820789	35	8	0	2.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	568	Area	838476	820762	8	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	569	Area	838547	820637	8	257	0	23.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	570	Area	838665	820450	8	191	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	571	Area	838735	820374	28	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	572	Area	838714	820350	35	6	0	31.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	573	Area	838680	820347	6	35	0	71.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	574	Area	838631	820276	173	6	0	69.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	575	Area	838625	820167	5	79	0	49.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	576	Area	838794	819996	8	487	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road to Barging Point	577	Area	838915	819763	176	8	0	47.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-1	Point	838714	819739	0	0	0	0.0												0.019076214	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-2	Point	838810	819646	0	0	0	0.0												0.019076214	0700 - 1900
Off-site area in Kai Tak	Material Handling at Barging Point	KTBgPt-3	Point	838906	819554	0	0	0	0.0												0.019076214	0700 - 1900
Ma Chai Hang	At-grade construction	424	Area	837454	822822	120	75	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	424*	Area	837473	822760	83	50	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	425	Area	837868	822710	128	29	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Ma Chai Hang	At-grade construction	426	Area	838134	822691	65	44	0	29.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Cut & Cover Construction	436	Area	838981	822001	18	103	0	23.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	450	Area	838530	822355	87	80	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	451	Area	838586	822365	26	71	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	452	Area	838610	822374	21	37	0	0.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	453	Area	838669	822389	14	238	0	58.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	454	Area	838701	822413	14	176	0	65.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	455	Area	838745	822434	60	46	0	65.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	456	Area	838864	822320	13	196	0	55.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	457	Area	838799	822282	55	55	0	56.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	458	Area	838690	822273	95	225	0	50.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	459	Area	838847	822213	139	102	0	61.0	0.000017228				0.000000224	0.000002695							0700 - 1900
DIH Station	Station & Stabling Sidings Construction	460	Area	838923	822101	42	126	0	56.0	0.000017228				0.000000224	0.000002695							0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR1	Area	838709	819831	8	400	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR2	Area	838556	819954	29	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR3	Area	838760	819744	8	577	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR4	Area	838987	819570	55	8	0	46.0	0.000017228												0700 - 1900
Off-site area in Kai Tak	Paved Haul Road	KTBgPt-HR5	Area	838937	819651	8	177	0	46.0	0.000017228												0700 - 1900



Legend
[Red Outline] Dust Source Location

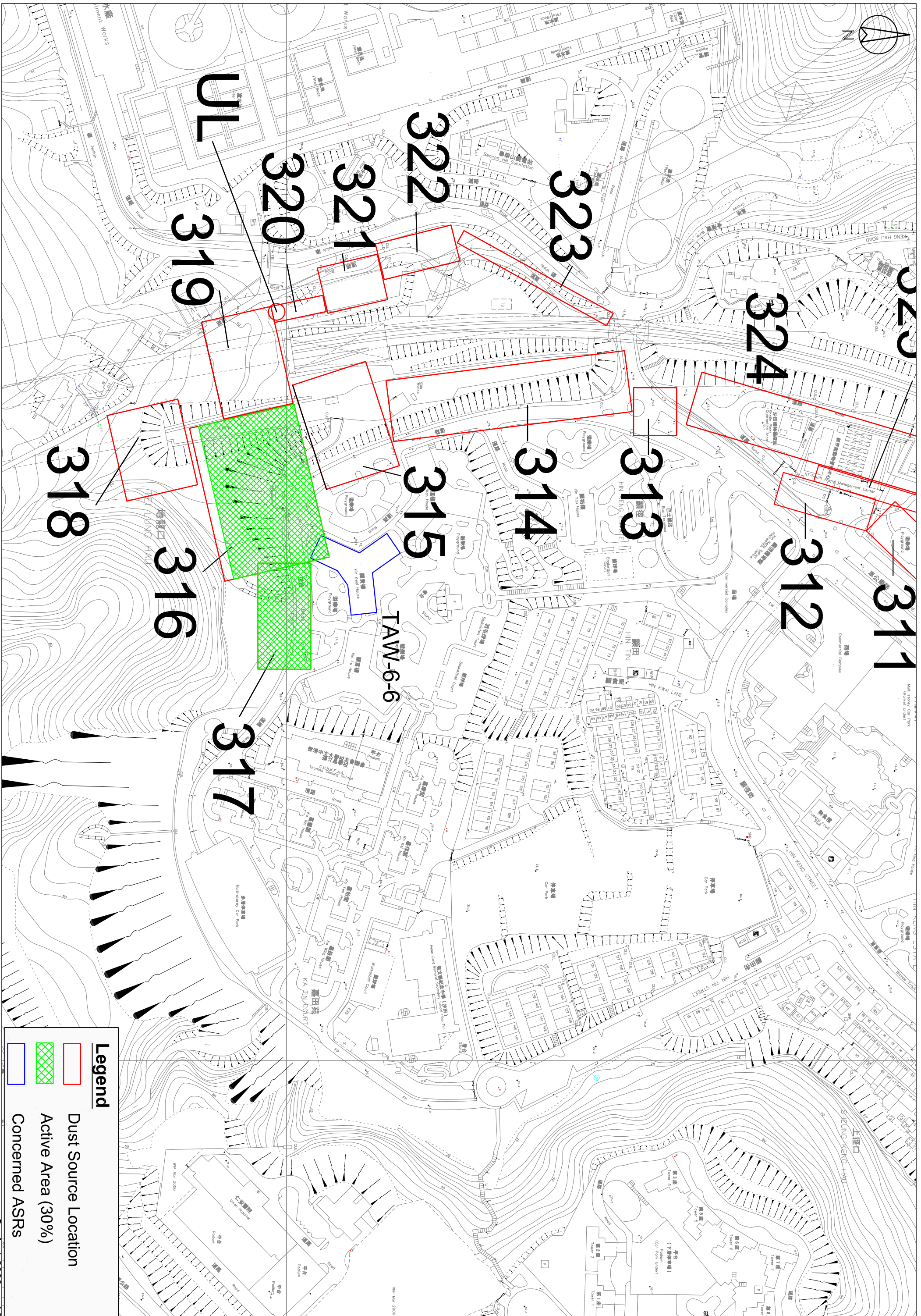
Locations of Dust Sources (Tai Wai Area) - for Tier 1 & Annual TSP Assessment

Locations of Dust Sources (Tai Wai Area) - for Tier 2 (Hin Keng Estate - ASR TAW-6-8)



Legend

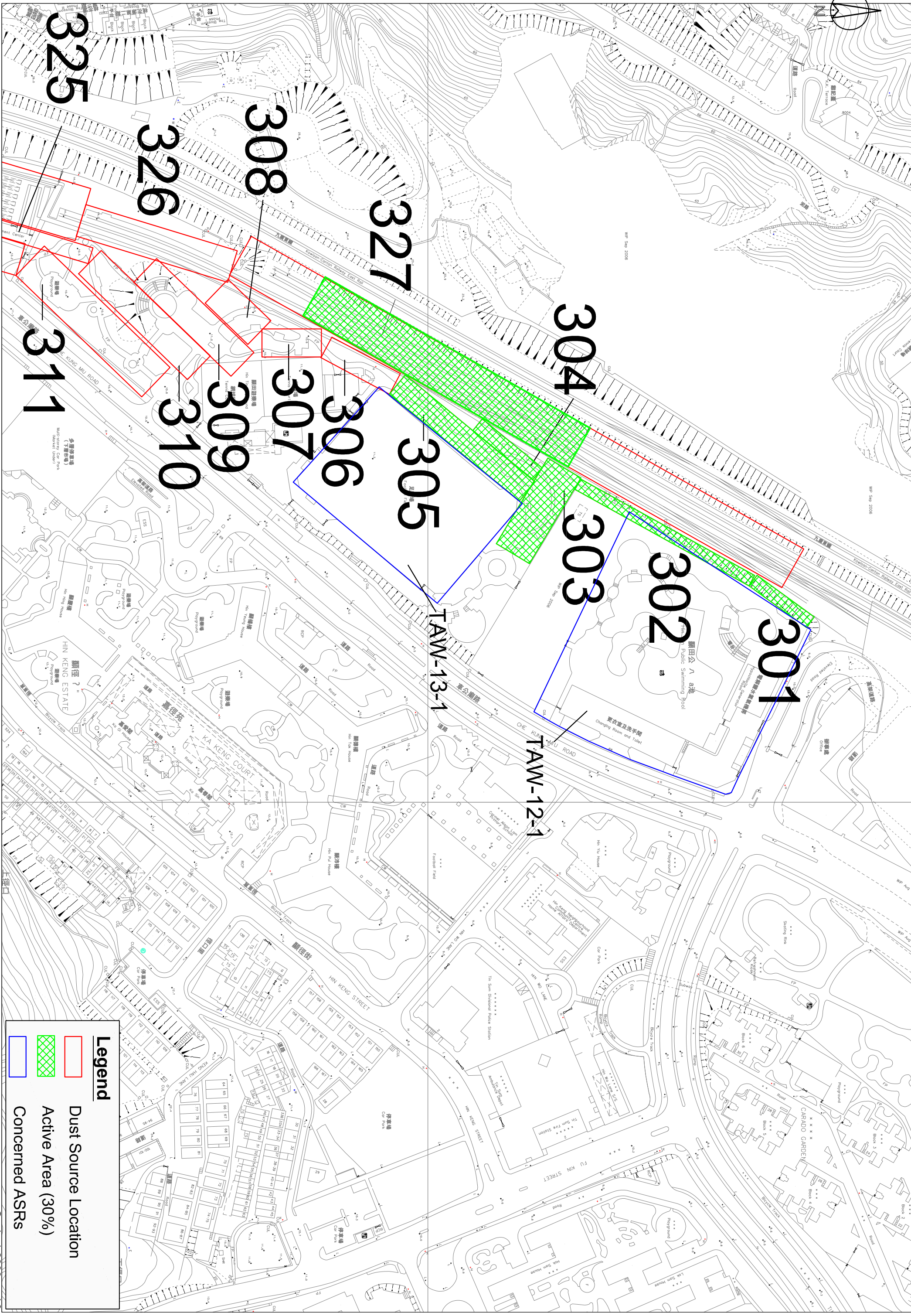
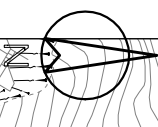
- Dust Source Location
- Active Area (30%)
- Concerned ASRs



Locations of Dust Sources (Tai Wai Area) - for Tier 2 (Hin Keng Estate - ASR TAW-6-6)

Legend

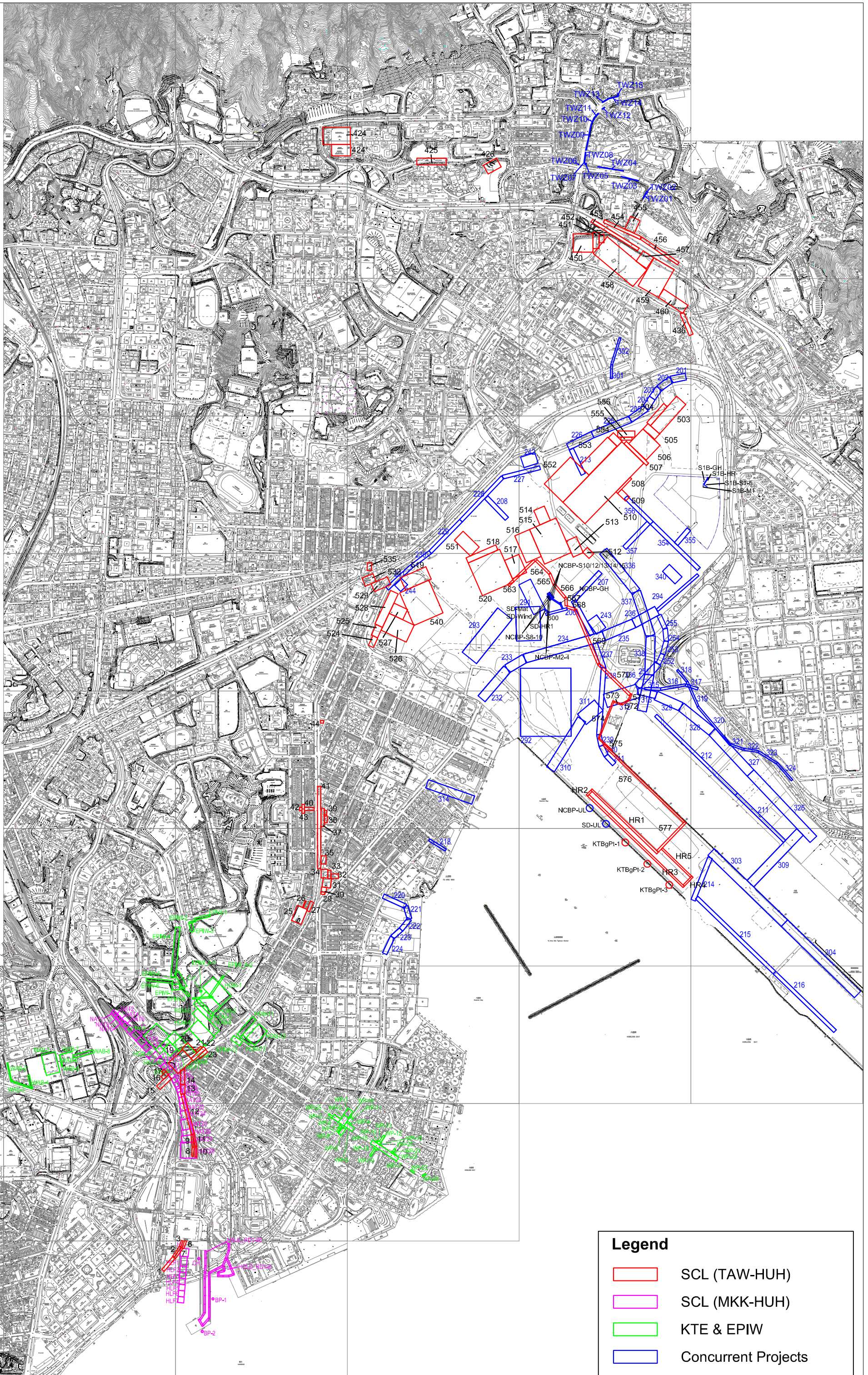
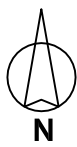
- Dust Source Location
- Active Area (30%)
- Concerned ASRs



Locations of Dust Sources (Tai Wai Area) - for Tier 2 (Hin Keng Playground)

Legend

- Dust Source Location
- Active Area (30%)
- Concerned ASRs

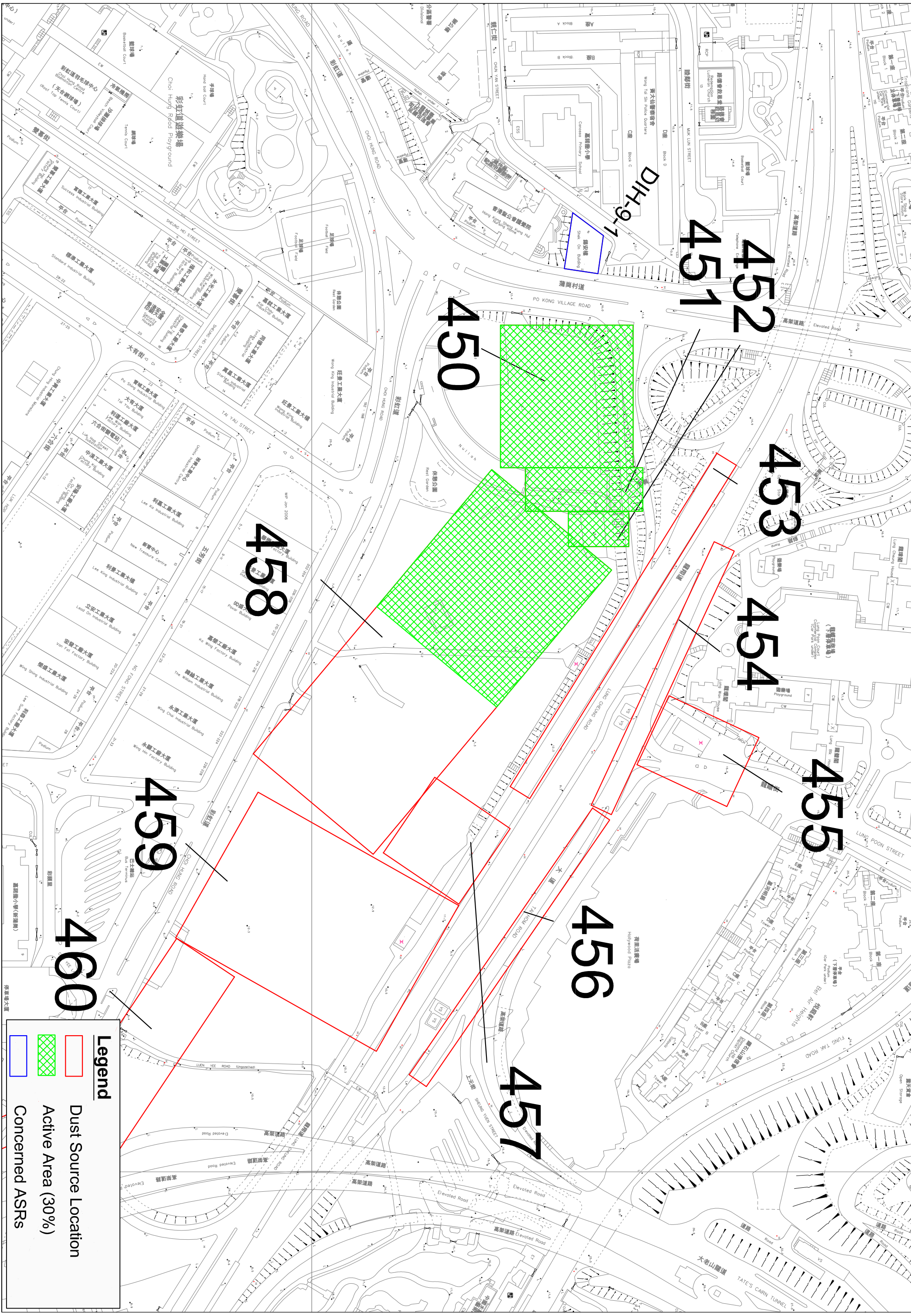


Legend

- SCL (TAW-HUH)
- SCL (MKK-HUH)
- KTE & EPIW
- Concurrent Projects

Locations of Dust Sources (Kowloon Area) - for Tier 1 & Annual TSP Assessment

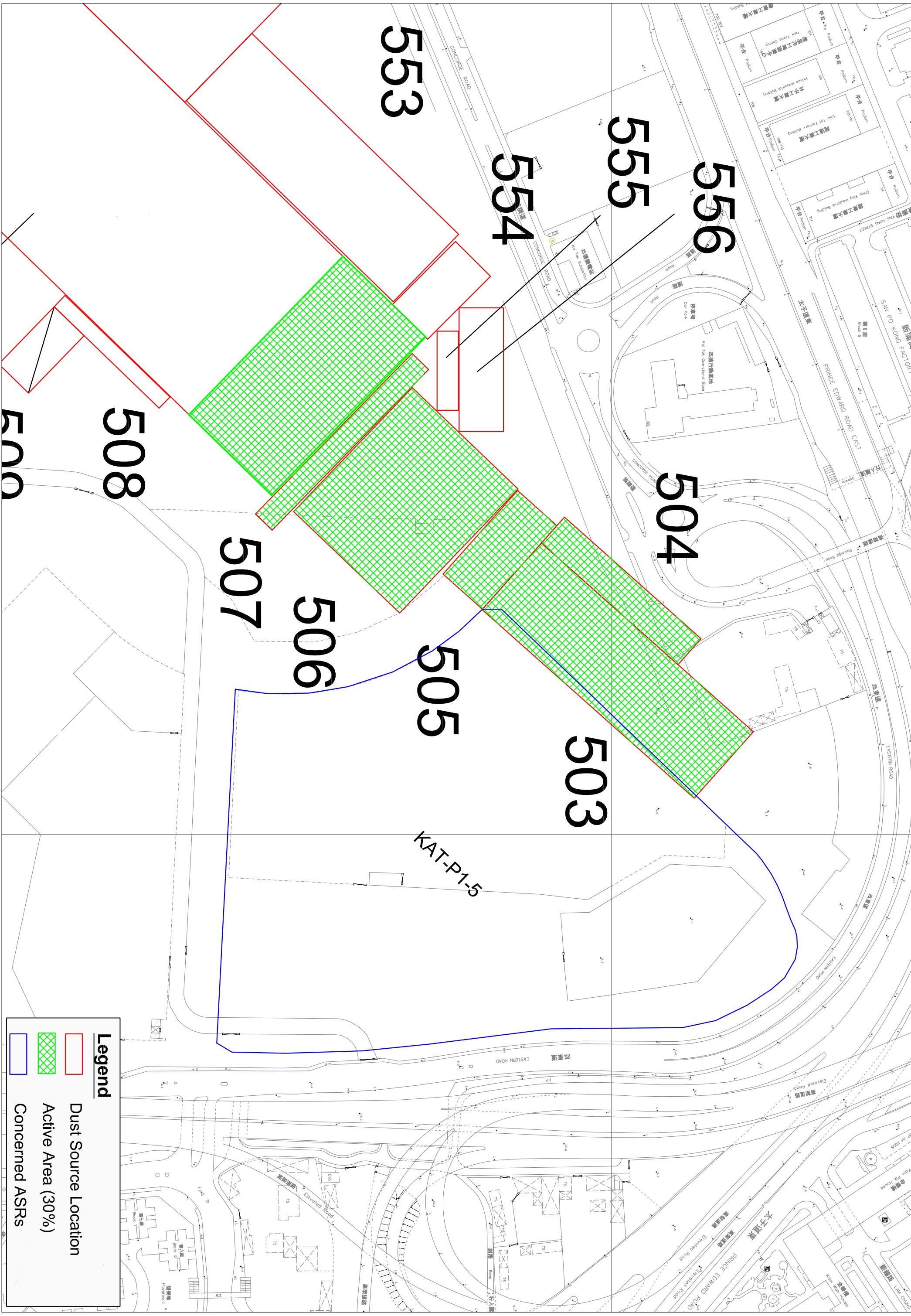
Scale 1:15000 on A3



Locations of Dust Sources (Kowloon Area) - for Tier 2 (Diamond Hill Station)

Legend

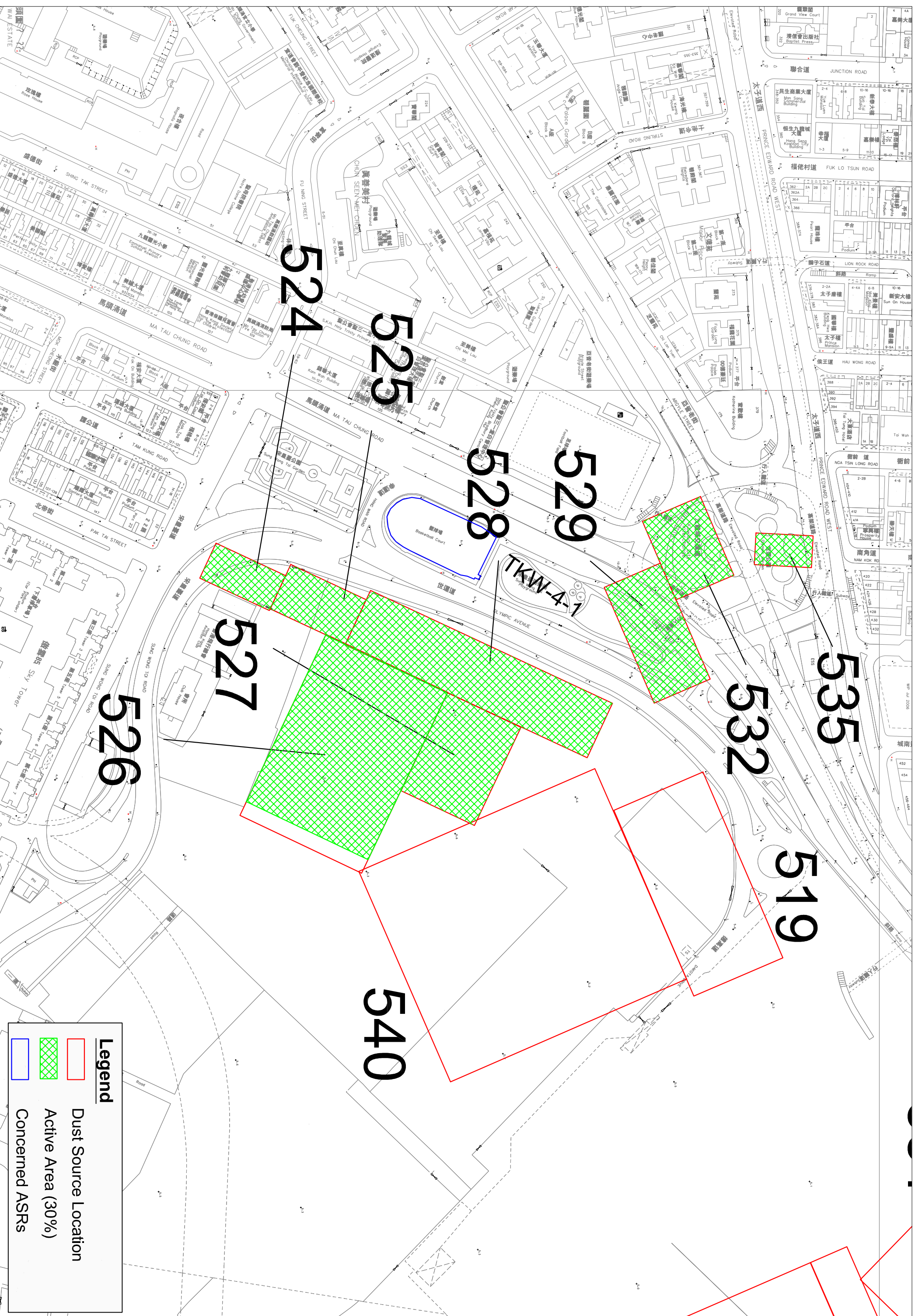
- Dust Source Location
- Active Area (30%)
- Concerned ASRs



Legend

- Dust Source Location
- Active Area (30%)
- Concerned ASRs

Locations of Dust Sources (Kowloon Area) - for Tier 2 (Kai Tak Station)



Locations of Dust Sources (Kowloon Area) - for Tier 2 (To Kwa Wan Station)