APPENDIX – 5-1

Calculation of Dust Emission Factors

Calculation of Emission factor for Heavy Construction

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

Assume

Percentage active operating area (%)	30	usual practice for typical construction site
Mitigation efficiency (%)	0	*0% for Do-nothing, 50% efficiency for watering twice daily
E (g/sq.m/day)	3.1038	Assume 26 working days per month and 12 working hours a day
E (g/sq.m/s)	**7.18483E-05**	calculated, 12 working hours per day

Calculation of Emission factor for Wind Erosion

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

Where
E = Emission Factor

Assume

Percentage active operating area (%)	30	usual practice for typical construction site
Mitigation efficiency (%)	0	*0% for Do-nothing, 50% efficiency for watering twice daily
E (g/sqm/day)	0.069863014	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	**8.086E-07**	calculated, 24-hour emission

Calculation of Emission factor for Loading/Unloading at Barging Point

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

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 at HKO Station from 1999 to 2001 (i.e. ~2.8m/s)
M = material moisture content; 2% is assumed in the equation

E = 0.74 x (0.0016) x (2.8/2.2)^1.3/(2/2)^1.4
= 0.00162 kg/megagram

No. of trucks loading/unloading at the barging point =	43	per hour	(provided by Scheme Designer)
Average carrying capacity for each truck =	16	tonne	
Quantity of excavated materials loading at barging point =	688	megagram per hour	
Total area at barging facility =	5387	sq m	(estimated from the drawing)

E = 0.00162 kg/megagram
= 1114.5411 g/hour
= 0.3096 g/s
= **5.7471E-05** g/sqm/s

Calculation of Emission factor for Loading/Unloading at Stockpiles

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

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 at HKO Station from 1999 to 2001 (i.e. ~2.8m/s)
M = material moisture content; 2% is assumed in the equation

E = 0.74 x (0.0016) x (2.8/2.2)^1.3/(2/2)^1.4
= 0.00162 kg/megagram

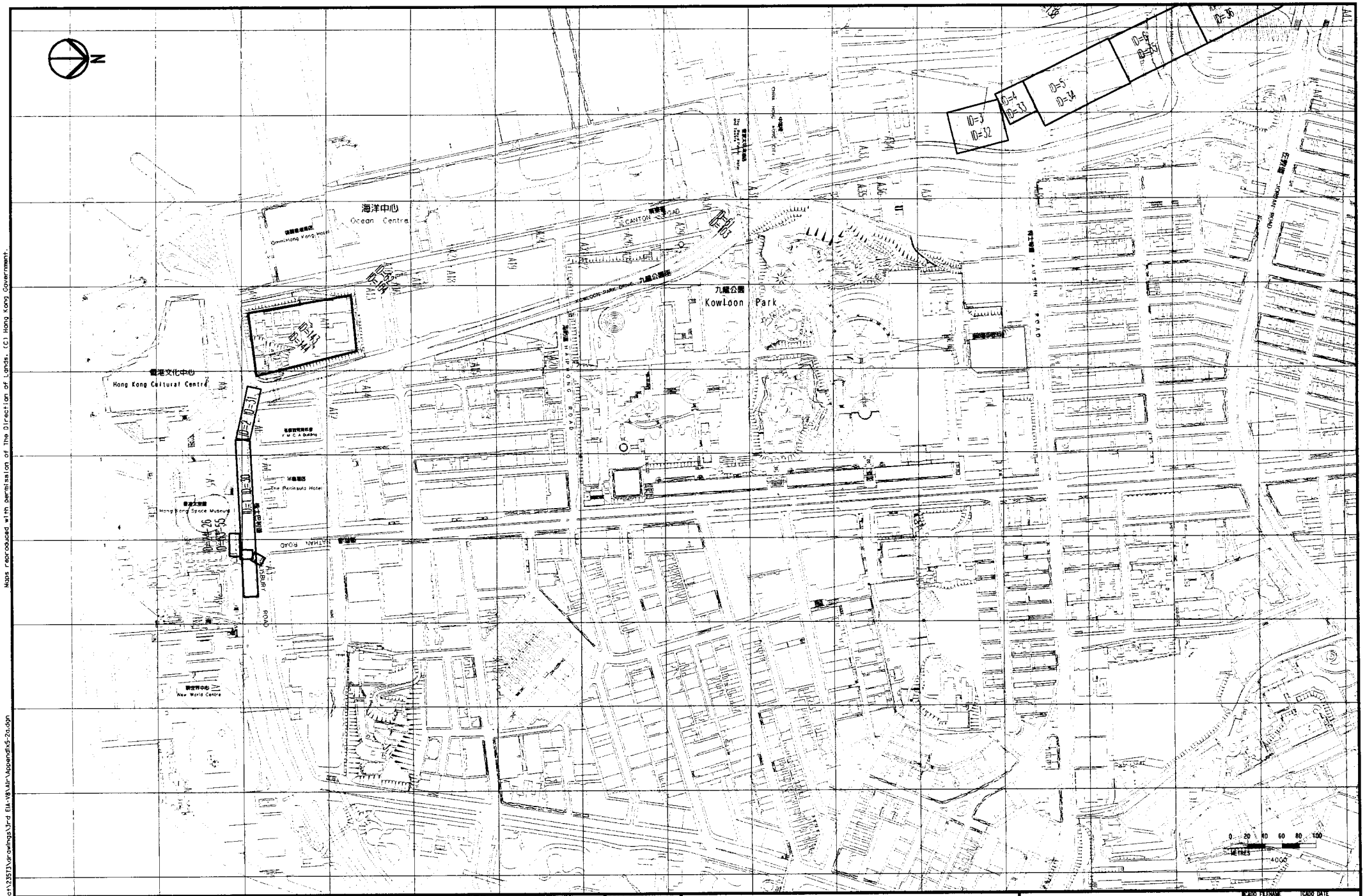
No. of trucks loading/unloading at the stockpile = 6 per hour (assume 6 trucks per hour will be loaded and unloaded)
Average carrying capacity for each truck = 16 tonne
Quantity of excavated materials loading at the stockpile = 96 megagram per hour

E = 0.00162 kg/megagram
= 155.5174 g/hour
= 0.0432 g/s

	Total Area of St	E, g/sqm/s
Stockpile 1	4903.8	**8.8093E-06**
Stockpile 2	3375	**1.2800E-05**
Stockpile 3	624	**6.9230E-05**
Stockpile 4	297	**1.4545E-04**
Stockpile 5	5700.76	**7.5778E-06**
Stockpile 6	5186.74	**8.3288E-06**
Stockpile 7	2261	**1.9106E-05**
Stockpile 8	12198	**3.5415E-06**
Stockpile 9	**Not used**	
Stockpile 10	6465.52	**6.6815E-06**
Stockpile 11	4320	**9.9998E-06**

APPENDIX – 5-2

Locations of Air Sensitive Receivers,
Worksites and Dust Emission Rates



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D	NOV2003	SW	FC	ST	EIA REPORT
C	30MAY2003	SW	FC	ST	EIA REPORT
B	7MAR2003	SW	FC	ST	EIA REPORT (2ND DRAFT)
A	11OCT2002	SW	FC	ST	EIA REPORT (1ST DRAFT)

DESIGNED BY	SW
DRAWN BY	RL
CHECKED BY	FC
IN CHARGE	ST
DATE	5 DEC 2003

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LOCATIONS OF ASR ASSESSMENT POINTS AND EMISSION SOURCES

CADD FILENAME	CADD DATE 5 DEC 2003
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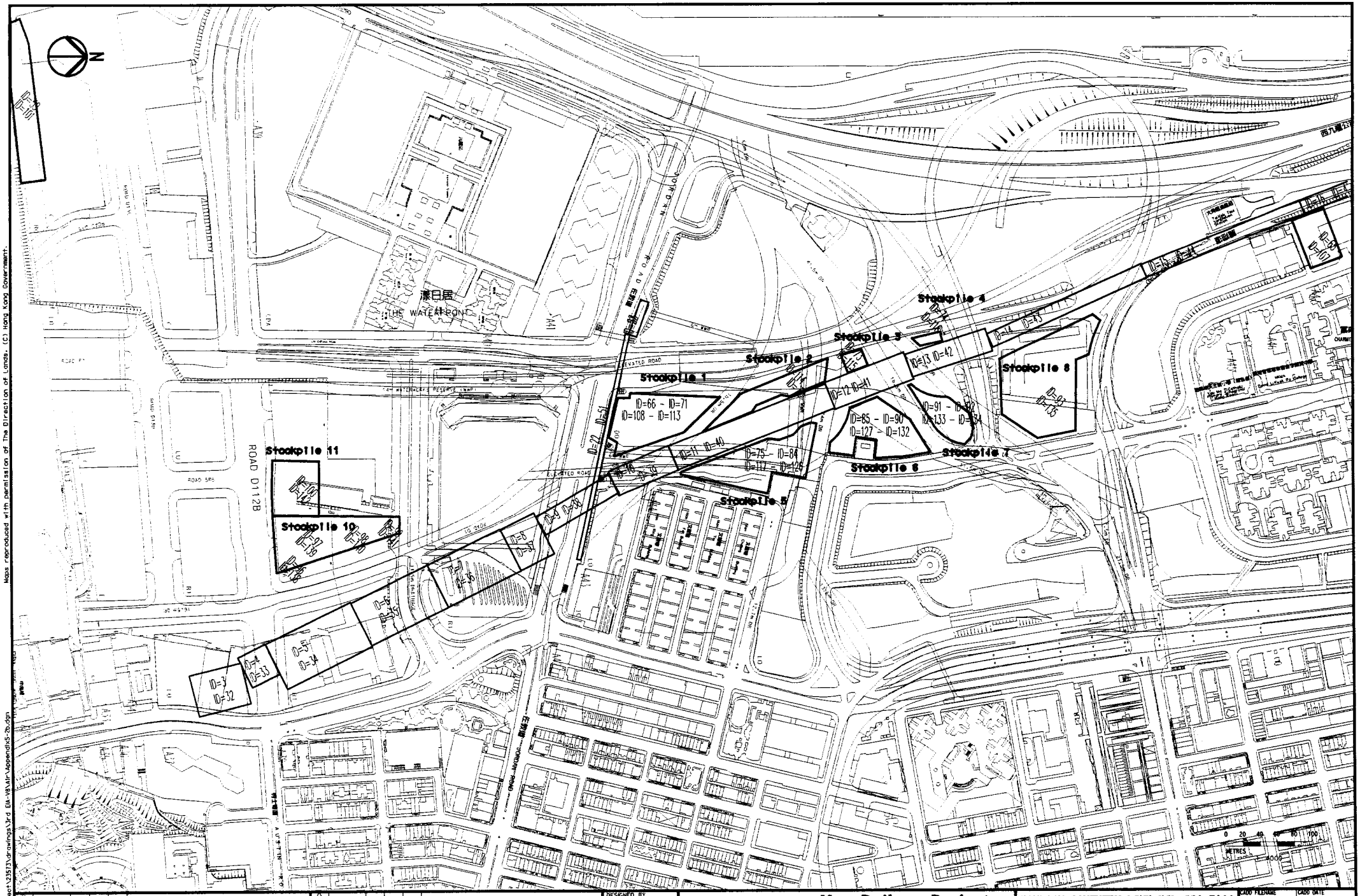
DRAWING NUMBER	APPENDIX 5-2
SHEET NO	1 OF 3
STAGE CODE	P
REV	E



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D	NOV2003	SW	FC	ST	EIA REPORT
C	30MAY2003	SW	FC	ST	EIA REPORT
B	7MAR2003	SW	FC	ST	EIA REPORT (2ND DRAFT)
A	11OCT2002	SW	FC	ST	EIA REPORT (1ST DRAFT)

DESIGNED BY	SW
DRAWN BY	RL
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IN CHARGE	ST
DATE	5 DEC 2003

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LOCATIONS OF ASR ASSESSMENT POINTS AND EMISSION SOURCES

CADD FILENAME	
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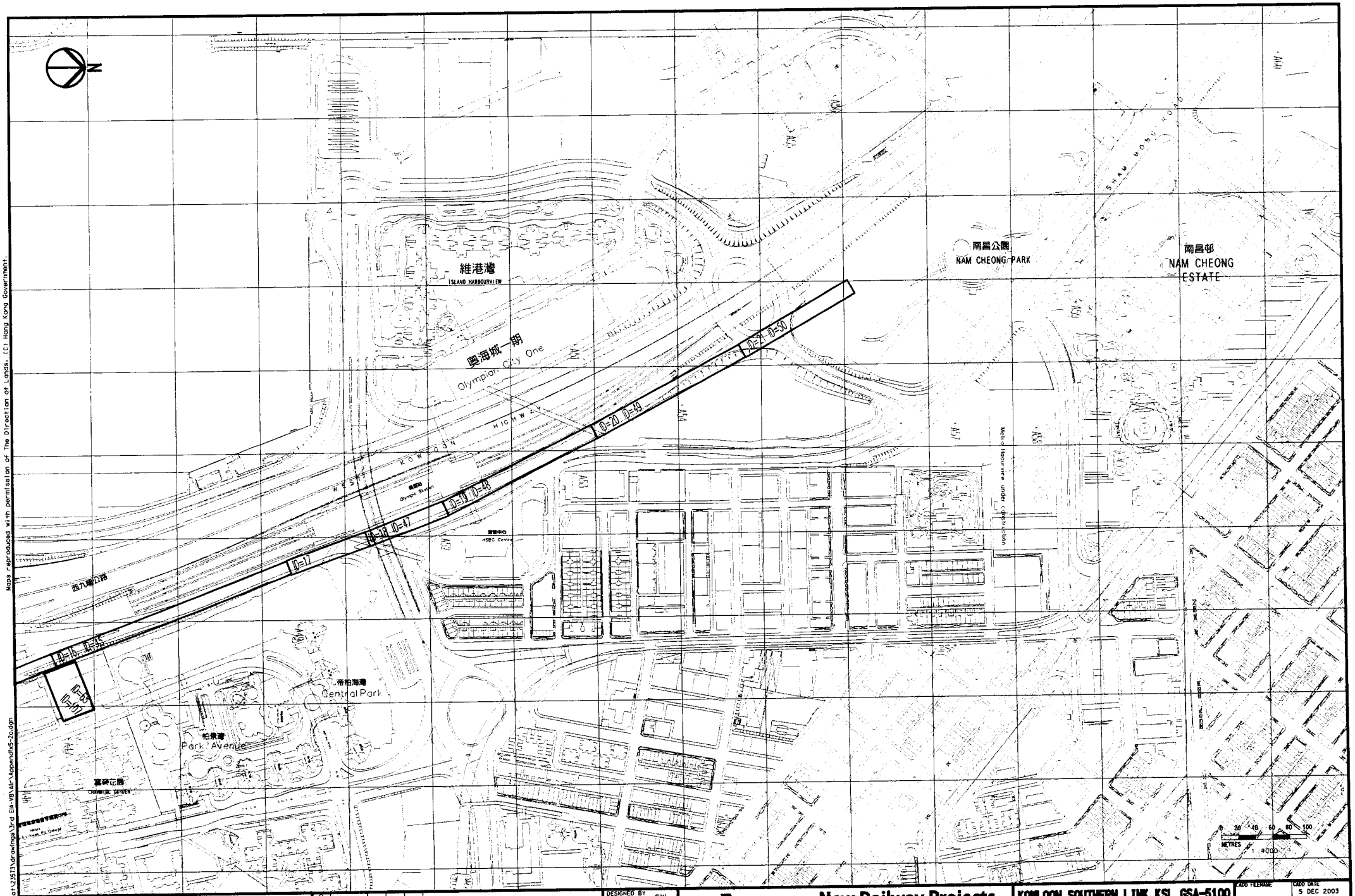
SCALE	1 : 4000 @ A3
DRAWING NUMBER	APPENDIX 5-2
SHEET NO	2 OF 3
STAGE CODE	P
REV	E



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D	NOV2003	SW	FC	ST	EIA REPORT
C	30MAY2003	SW	FC	ST	EIA REPORT
B	7MAR2003	SW	FC	ST	EIA REPORT (2ND DRAFT)
A	11OCT2002	SW	FC	ST	EIA REPORT (1ST DRAFT)

DESIGNED BY	SW
DRAWN BY	RL
CHECKED BY	FC
IN CHARGE	ST
DATE	5 DEC 2003

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EIA & ASSOCIATED SERVICES
LOCATIONS OF ASR ASSESSMENT POINTS AND EMISSION SOURCES

CADD FILENAME	CADD DATE 5 DEC 2003
SCALE	1 : 4000 @ A3
DRAWING NUMBER	APPENDIX 5-2
SHEET NO	3 OF 3
STAGE CODE	P
REV	E

Summary of dust emission sources for KSL

Source ID	Tunnel section	Dust emission source	Watering frequency	Source Type	Emission	x-start	y-start	x-end/x-width	y-end/y-width	Ht	width/angle
1	Worksite 1A - 1	heavy construction	twice per day	12	6.0578E-04	835867.4	817310.3	835681.0	817301.2	0	16.9
2	Worksite 1A - 2	heavy construction	twice per day	12	5.7860E-04	835681.0	817301.2	835619.5	817315.1	0	16.1
3	West Kowloon Station - 1	heavy construction	4 times per day	12	8.8018E-04	835323.0	818140.9	835308.0	818201.6	0	49.0
4	West Kowloon Station - 2	heavy construction	4 times per day	12	7.0560E-04	835295.5	818200.9	835277.5	818237.1	0	39.3
5	West Kowloon Station - 3	heavy construction	4 times per day	12	1.0535E-03	835288.7	818237.9	835239.0	818338.4	0	58.6
6	West Kowloon Station - 4	heavy construction	4 times per day	12	1.0068E-03	835239.0	818338.4	835193.8	818429.7	0	56.0
7	West Kowloon Station - 5	heavy construction	4 times per day	12	1.0003E-03	835193.8	818429.7	835150.8	818515.9	0	55.7
8	West Kowloon Station - 6	heavy construction	4 times per day	12	9.8485E-04	835150.8	818515.9	835130.9	818555.8	0	54.8
9	Tunnels from WKN station to NAC - 1	heavy construction	twice per day	12	8.8112E-04	835122.0	818552.2	835071.6	818639.1	0	24.5
10	Tunnels from WKN station to NAC - 2	heavy construction	twice per day	12	1.1187E-03	835071.6	818639.1	835041.3	818710.0	0	31.1
11	Tunnels from WKN station to NAC - 3	heavy construction	twice per day	12	1.0994E-03	835041.3	818710.0	834968.4	818896.5	0	30.6
12	Tunnels from WKN station to NAC - 4	heavy construction	twice per day	12	1.2191E-03	834968.4	818896.5	834932.7	818989.7	0	33.9
13	Tunnels from WKN station to NAC - 5	heavy construction	twice per day	12	1.0183E-03	834932.7	818989.7	834901.8	819084.4	0	28.3
14	Tunnels from WKN station to NAC - 6	heavy construction	twice per day	12	6.3015E-04	834902.7	819085.7	834819.5	819267.5	0	17.5
15	Tunnels from WKN station to NAC - 7	heavy construction	twice per day	12	5.8764E-04	834819.5	819267.5	834745.1	819452.7	0	16.4
16	Tunnels from WKN station to NAC - 8	heavy construction	twice per day	12	5.8399E-04	834745.1	819452.7	834636.5	819732.8	0	16.3
17	Tunnels from WKN station to NAC - 9	heavy construction	twice per day	12	6.5001E-04	834636.5	819732.8	834602.7	819827.0	0	18.1
18	Tunnels from WKN station to NAC - 10	heavy construction	twice per day	12	6.7407E-04	834602.7	819827.0	834567.2	819920.4	0	18.8
19	Tunnels from WKN station to NAC - 11	heavy construction	twice per day	12	6.4054E-04	834567.2	819920.4	834476.9	820099.5	0	17.8
20	Tunnels from WKN station to NAC - 12	heavy construction	twice per day	12	6.2475E-04	834476.9	820099.5	834382.1	820277.4	0	17.4
21	Tunnels from WKN station to NAC - 13	heavy construction	twice per day	12	6.4663E-04	834382.1	820277.4	834306.6	820408.6	0	18.0
22	Footbridge F14-1	heavy construction	twice per day	12	1.7962E-04	835162.5	818597.2	834894.2	818656.4	0	5.0
23	Footbridge F14-2	heavy construction	twice per day	12	3.5924E-04	834895.7	818662.2	834854.3	818676.6	0	10.0
24	Salisbury Road Subway - 1	heavy construction	twice per day	12	5.2559E-06	835823.3	817319.3	835818.1	817311.3	0	6.5
25	Salisbury Road Subway - 2	heavy construction	twice per day	12	5.2559E-06	835818.1	817311.3	835819.5	817290.5	0	6.5
26	Salisbury Road Subway - 3	heavy construction	twice per day	12	5.2559E-06	835819.5	817290.5	835798.7	817289.1	0	6.5
30	Worksite 1A - 1	wind erosion	twice per day	12	6.8177E-06	835867.4	817310.3	835681.0	817301.2	0	16.9
31	Worksite 1A - 2	wind erosion	twice per day	12	6.5118E-06	835681.0	817301.2	835619.5	817315.1	0	16.1
32	West Kowloon Station - 1	wind erosion	4 times per day	12	9.9058E-06	835323.0	818140.9	835308.0	818201.6	0	49.0
33	West Kowloon Station - 2	wind erosion	4 times per day	12	7.9410E-06	835295.5	818200.9	835277.5	818237.1	0	39.3
34	West Kowloon Station - 3	wind erosion	4 times per day	12	1.1856E-05	835288.7	818237.9	835239.0	818338.4	0	58.6
35	West Kowloon Station - 4	wind erosion	4 times per day	12	1.1330E-05	835239.0	818338.4	835193.8	818429.7	0	56.0
36	West Kowloon Station - 5	wind erosion	4 times per day	12	1.1258E-05	835193.8	818429.7	835150.8	818515.9	0	55.7
37	West Kowloon Station - 6	wind erosion	4 times per day	12	1.1084E-05	835150.8	818515.9	835130.9	818555.8	0	54.8
38	Tunnels from WKN station to NAC - 1	wind erosion	twice per day	12	9.9164E-06	835122.0	818552.2	835071.6	818639.1	0	24.5
39	Tunnels from WKN station to NAC - 2	wind erosion	twice per day	12	1.2590E-05	835071.6	818639.1	835041.3	818710.0	0	31.1
40	Tunnels from WKN station to NAC - 3	wind erosion	twice per day	12	1.2373E-05	835041.3	818710.0	834968.4	818896.5	0	30.6
41	Tunnels from WKN station to NAC - 4	wind erosion	twice per day	12	1.3720E-05	834968.4	818896.5	834932.7	818989.7	0	33.9
42	Tunnels from WKN station to NAC - 5	wind erosion	twice per day	12	1.1460E-05	834932.7	818989.7	834901.8	819084.4	0	28.3
43	Tunnels from WKN station to NAC - 6	wind erosion	twice per day	12	7.0919E-06	834902.7	819085.7	834819.5	819267.5	0	17.5
44	Tunnels from WKN station to NAC - 7	wind erosion	twice per day	12	6.6135E-06	834819.5	819267.5	834745.1	819452.7	0	16.4
45	Tunnels from WKN station to NAC - 8	wind erosion	twice per day	12	6.5724E-06	834745.1	819452.7	834636.5	819732.8	0	16.3
46	Tunnels from WKN station to NAC - 9	wind erosion	twice per day	12	7.3154E-06	834636.5	819732.8	834602.7	819827.0	0	18.1
47	Tunnels from WKN station to NAC - 10	wind erosion	twice per day	12	7.5862E-06	834594.6	819850.8	834567.2	819920.4	0	18.8
48	Tunnels from WKN station to NAC - 11	wind erosion	twice per day	12	7.2088E-06	834567.2	819920.4	834476.9	820099.5	0	17.8
49	Tunnels from WKN station to NAC - 12	wind erosion	twice per day	12	7.0312E-06	834476.9	820099.5	834382.1	820277.4	0	17.4
50	Tunnels from WKN station to NAC - 13	wind erosion	twice per day	12	7.2774E-06	834382.1	820277.4	834306.6	820408.6	0	18.0
51	Footbridge F14-1	wind erosion	twice per day	12	2.0215E-06	835162.5	818597.2	834894.2	818656.4	0	5.0
52	Footbridge F14-2	wind erosion	twice per day	12	4.0430E-06	834895.7	818662.2	834854.3	818676.6	0	10.0

Source ID	Tunnel section	Dust emission source	Watering frequency	Source Type	Emission	x-start	y-start	x-end/x-width	y-end/y-width	Ht	width/angle
53	Salisbury Road Subway - 1	wind erosion	twice per day	12	2.6279E-06	835823.3	817319.3	835818.1	817311.3	0	6.5
54	Salisbury Road Subway - 2	wind erosion	twice per day	12	2.6279E-06	835818.1	817311.3	835819.5	817290.5	0	6.5
55	Salisbury Road Subway - 3	wind erosion	twice per day	12	2.6279E-06	835819.5	817290.5	835798.7	817289.1	0	6.5
59	Barging Point (Loading and unloading)	loading/unloading	twice per day	13	2.8735E-05	834612.7	817939.9	171	30	0	8.0
61	North Vent Build	heavy construction	twice per day	13	3.5924E-05	835418.9	817861.2	11	10	0	11.0
62	Deassambling Shaft	heavy construction	twice per day	13	3.5924E-05	835482.3	817457.0	17	44	0	14.0
65	YMT Vent	heavy construction	twice per day	13	3.5924E-05	834781.1	819471.6	61	40	0	21.9
66	Stockpile 1-1	loading/unloading	twice per day	13	4.4047E-06	835031.2	818654.3	11.2	29	0	0.0
67	Stockpile 1-2	loading/unloading	twice per day	13	4.4047E-06	834997.5	818665.9	54	41	0	0.0
68	Stockpile 1-3	loading/unloading	twice per day	13	4.4047E-06	834992.3	818700.0	49	25	0	0.0
69	Stockpile 1-4	loading/unloading	twice per day	13	4.4047E-06	834988.3	818719.3	40	16	0	0.0
70	Stockpile 1-5	loading/unloading	twice per day	13	4.4047E-06	834981.9	818738.1	23	16	0	0.0
71	Stockpile 1-6	loading/unloading	twice per day	13	4.4047E-06	834974.2	818751.0	12	11	0	0.0
72	Stockpile 2	loading/unloading	twice per day	13	6.3999E-06	834954.6	818843.6	25	135	0	25.0
73	Stockpile 3	loading/unloading	twice per day	13	3.4615E-05	834926.1	818926.3	24	26	0	22.7
74	Stockpile 4	loading/unloading	twice per day	13	7.2726E-05	834901.6	819012.0	11	27	0	16.7
75	Stockpile 5-1	loading/unloading	twice per day	13	3.7889E-06	835059.5	818732.3	10	7	0	344.0
76	Stockpile 5-2	loading/unloading	twice per day	13	3.7889E-06	835059.0	818743.5	15.7	12.9	0	344.0
77	Stockpile 5-3	loading/unloading	twice per day	13	3.7889E-06	835063.5	818786.9	24	75	0	344.0
78	Stockpile 5-4	loading/unloading	twice per day	13	3.7889E-06	835043.8	818774.0	8.5	13	0	344.0
79	Stockpile 5-5	loading/unloading	twice per day	13	3.7889E-06	835043.3	818787.8	16	13	0	344.0
80	Stockpile 5-6	loading/unloading	twice per day	13	3.7889E-06	835041.9	818806.8	25	23	0	344.0
81	Stockpile 5-7	loading/unloading	twice per day	13	3.7889E-06	835027.9	818815.2	6.5	13.9	0	344.0
82	Stockpile 5-8	loading/unloading	twice per day	13	3.7889E-06	835041.9	818845.8	39	53	0	344.0
83	Stockpile 5-9	loading/unloading	twice per day	13	3.7889E-06	835016.9	818855.0	12.6	9.8	0	344.0
84	Stockpile 5-10	loading/unloading	twice per day	13	3.7889E-06	835013.8	818869.0	25.5	17.8	0	344.0
85	Stockpile 6-1	loading/unloading	twice per day	13	4.1644E-06	835027.7	818911.0	23.5	29.4	0	350.0
86	Stockpile 6-2	loading/unloading	twice per day	13	4.1644E-06	835003.1	818952.5	34	72.4	0	350.0
87	Stockpile 6-3	loading/unloading	twice per day	13	4.1644E-06	834981.5	818953.3	10	41.4	0	350.0
88	Stockpile 6-4	loading/unloading	twice per day	13	4.1644E-06	835017.1	818992.7	16.6	12	0	350.0
89	Stockpile 6-5	loading/unloading	twice per day	13	4.1644E-06	835021.7	819000.8	9.2	6.2	0	350.0
90	Stockpile 6-6	loading/unloading	twice per day	13	4.1644E-06	835034.7	818983.8	22	62	0	351.0
91	Stockpile 7-1	loading/unloading	twice per day	13	9.5531E-06	834968.5	819003.6	20	12.3	0	39.7
92	Stockpile 7-2	loading/unloading	twice per day	13	9.5531E-06	834998.9	819037.5	65	31	0	39.7
93	Stockpile 8	loading/unloading	twice per day	13	1.7708E-06	834966.4	819151.4	114	107	0	0.0
96	Stockpile 10-1	loading/unloading	twice per day	13	3.3407E-06	835164.1	818249.8	15	24.8	0	0.0
97	Stockpile 10-2	loading/unloading	twice per day	13	3.3407E-06	835132.7	818269.4	47.6	70.7	0	0.0
98	Stockpile 10-3	loading/unloading	twice per day	13	3.3407E-06	835127.4	818324.4	40	36.6	0	0.0
99	Stockpile 10-4	loading/unloading	twice per day	13	3.3407E-06	835120.5	818364.9	21	60.2	0	0.0
100	Stockpile 11	loading/unloading	twice per day	13	4.9999E-06	835068.5	818261.1	80	54	0	0.0
101	Barging Point (Loading and unloading)	wind erosion	twice per day	13	4.0430E-07	834612.7	817939.9	171	30	0	8.0
103	North Vent Build	wind erosion	twice per day	13	4.0430E-07	835418.9	817861.2	11	10	0	11.0
104	Deassambling Shaft	wind erosion	twice per day	13	4.0430E-07	835482.3	817457.0	17	44	0	14.0
107	YMT Vent	wind erosion	twice per day	13	4.0430E-07	834781.1	819471.6	61	40	0	21.9
108	Stockpile 1-1	wind erosion	twice per day	13	4.0430E-07	835031.2	818654.3	11.2	29	0	0.0
109	Stockpile 1-2	wind erosion	twice per day	13	4.0430E-07	834997.5	818665.9	54	41	0	0.0
110	Stockpile 1-3	wind erosion	twice per day	13	4.0430E-07	834992.3	818700.0	49	25	0	0.0
111	Stockpile 1-4	wind erosion	twice per day	13	4.0430E-07	834988.3	818719.3	40	16	0	0.0
112	Stockpile 1-5	wind erosion	twice per day	13	4.0430E-07	834981.9	818738.1	23	16	0	0.0
113	Stockpile 1-6	wind erosion	twice per day	13	4.0430E-07	834974.2	818751.0	12	11	0	0.0
114	Stockpile 2	wind erosion	twice per day	13	4.0430E-07	834954.6	818843.6	25	135	0	25.0

Source ID	Tunnel section	Dust emission source	Watering frequency	Source Type	Emission	x-start	y-start	x-end/x-width	y-end/y-width	Ht	width/angle
115	Stockpile 3	wind erosion	twice per day	13	4.0430E-07	834926.1	818926.3	24	26	0	22.7
116	Stockpile 4	wind erosion	twice per day	13	4.0430E-07	834901.6	819012.0	11	27	0	16.7
117	Stockpile 5-1	wind erosion	twice per day	13	4.0430E-07	835059.5	818732.3	10	7	0	344.0
118	Stockpile 5-2	wind erosion	twice per day	13	4.0430E-07	835059.0	818743.5	15.7	12.9	0	344.0
119	Stockpile 5-3	wind erosion	twice per day	13	4.0430E-07	835063.5	818786.9	24	75	0	344.0
120	Stockpile 5-4	wind erosion	twice per day	13	4.0430E-07	835043.8	818774.0	8.5	13	0	344.0
121	Stockpile 5-5	wind erosion	twice per day	13	4.0430E-07	835043.3	818787.8	16	13	0	344.0
122	Stockpile 5-6	wind erosion	twice per day	13	4.0430E-07	835041.9	818806.8	25	23	0	344.0
123	Stockpile 5-7	wind erosion	twice per day	13	4.0430E-07	835027.9	818815.2	6.5	13.9	0	344.0
124	Stockpile 5-8	wind erosion	twice per day	13	4.0430E-07	835041.9	818845.8	39	53	0	344.0
125	Stockpile 5-9	wind erosion	twice per day	13	4.0430E-07	835016.9	818855.0	12.6	9.8	0	344.0
126	Stockpile 5-10	wind erosion	twice per day	13	4.0430E-07	835013.8	818869.0	25.5	17.8	0	344.0
127	Stockpile 6-1	wind erosion	twice per day	13	4.0430E-07	835027.7	818911.0	23.5	29.4	0	350.0
128	Stockpile 6-2	wind erosion	twice per day	13	4.0430E-07	835003.1	818952.5	34	72.4	0	350.0
129	Stockpile 6-3	wind erosion	twice per day	13	4.0430E-07	834981.5	818953.3	10	41.4	0	350.0
130	Stockpile 6-4	wind erosion	twice per day	13	4.0430E-07	835017.1	818992.7	16.6	12	0	350.0
131	Stockpile 6-5	wind erosion	twice per day	13	4.0430E-07	835021.7	819000.8	9.2	6.2	0	350.0
132	Stockpile 6-6	wind erosion	twice per day	13	4.0430E-07	835034.7	818983.8	22	62	0	351.0
133	Stockpile 7-1	wind erosion	twice per day	13	4.0430E-07	834968.5	819003.6	20	12.3	0	39.7
134	Stockpile 7-2	wind erosion	twice per day	13	4.0430E-07	834998.9	819037.5	65	31	0	39.7
135	Stockpile 8	wind erosion	twice per day	13	4.0430E-07	834966.4	819151.4	114	107	0	0.0
138	Stockpile 10-1	wind erosion	twice per day	13	4.0430E-07	835164.1	818249.8	15	24.8	0	0.0
139	Stockpile 10-2	wind erosion	twice per day	13	4.0430E-07	835132.7	818269.4	47.6	70.7	0	0.0
140	Stockpile 10-3	wind erosion	twice per day	13	4.0430E-07	835127.4	818324.4	40	36.6	0	0.0
141	Stockpile 10-4	wind erosion	twice per day	13	4.0430E-07	835120.5	818364.9	21	60.2	0	0.0
142	Stockpile 11	wind erosion	twice per day	13	4.0430E-07	835068.5	818261.1	80	54	0	0.0
143	FMPHQ	heavy construction	4 times per day	13	7.7100E-06	835554.0	817373.0	90	130	5	11.9
144	FMPHQ	wind erosion	4 times per day	13	6.7300E-07	835554.0	817373.0	90	130	5	11.9

Note : For locations of sources, please refer to the drawing
For source type, 12 represent line source; 13 represent area source

APPENDIX – 5-3

Dust Assessment Results
(Unmitigated Scenario for Construction of KSL)

Project : GSA 5100 KSL EIA and Associated Services
Title: Predicted 1-hour TSP concentrations for ASRs at different height above ground for KSL only (With Background)
Option: Unmitigated

		Predicted 1-hour TSP concentrations for ASRs at different height above ground																	
		Year 99						Year 2000						Year 2001					
ASR	Description	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0
1	New World Centre	299.1	253.2	181.3	172.1	162.2	152.1	299.2	253.2	181.3	172.1	162.2	152.1	299.7	253.2	181.3	172.1	162.2	152.1
2	New World Centre (The Amazon)	437.8	247.0	200.9	188.6	175.4	162.2	438.4	247.0	200.9	188.6	175.4	162.2	438.3	247.0	200.9	188.6	175.4	162.2
3	Sheraton Hong Kong Hotel	**610.0**	229.6	208.2	194.5	179.8	165.2	**609.9**	229.6	208.2	194.5	179.8	165.2	**610.0**	229.6	208.2	194.5	179.8	165.2
4	The Peninsula Hotel	431.5	239.4	180.5	170.0	158.7	147.6	431.3	239.4	180.5	170.0	158.7	147.6	430.2	239.4	180.5	170.0	158.7	147.6
5	Hong Kong Space Museum	354.2	209.4	180.2	170.1	159.3	148.6	354.7	209.4	180.2	170.1	159.3	148.6	354.1	209.4	180.2	170.1	159.3	148.6
6	YMCA of Hong Kong	**520.3**	279.4	204.3	190.4	175.7	161.2	**520.8**	279.4	204.3	190.4	175.7	161.2	**520.7**	279.4	204.3	190.4	175.7	161.2
7	Old Fire Station Building	**635.1**	308.0	222.1	205.7	188.3	171.2	**635.7**	308.0	222.1	205.7	188.3	171.2	**635.6**	308.0	222.1	205.7	188.3	171.2
8	Hong Kong Cultural Centre	413.6	288.7	216.4	201.1	185.0	169.1	413.0	288.7	216.4	201.1	185.0	169.1	413.1	288.7	216.4	201.1	185.0	169.1
9	Star House	296.9	253.9	200.1	186.8	173.1	159.7	296.9	253.9	200.1	186.8	173.1	159.7	296.9	253.9	200.1	186.8	173.1	159.7
10	The Marco Polo Hong Kong Hotel	330.6	241.6	226.0	207.6	188.3	169.9	330.5	241.6	226.0	207.6	188.3	169.9	330.7	241.6	226.0	207.6	188.3	169.9
11	Former Marine Police Headquarters	238.0	246.8	230.7	212.3	192.8	174.0	238.6	246.8	230.7	212.3	192.8	174.0	237.9	246.8	230.7	212.3	192.8	174.0
12	Hankow Centre	212.8	221.1	208.1	192.7	176.5	160.9	213.2	221.1	208.1	192.7	176.5	160.9	212.6	221.1	208.1	192.7	176.5	160.9
13	No.1 Peking Road	412.3	250.8	234.2	214.5	193.9	174.2	412.2	250.8	234.2	214.5	193.9	174.2	412.2	250.8	234.2	214.5	193.9	174.2
14	Consumer Education Information Centre	226.0	234.8	219.7	201.9	183.4	165.6	226.5	234.8	219.7	201.9	183.4	165.6	225.8	234.8	219.7	201.9	183.4	165.6
15	No. 11-39 Ashley Road	229.1	236.7	219.6	199.6	179.2	160.3	229.7	236.7	219.6	199.6	179.2	160.3	229.0	236.7	219.6	199.6	179.2	160.3
16	No.2-12 Canton Road	316.7	258.4	240.4	219.2	197.1	176.2	316.7	258.4	240.4	219.2	197.1	176.2	316.8	258.4	240.4	219.2	197.1	176.2
17	No.4-8 Canton Road	255.0	265.1	245.8	223.2	199.8	177.7	255.6	265.1	245.8	223.2	199.8	177.7	254.8	265.1	245.8	223.2	199.8	177.7
18	Lippo Sun Plaza	267.8	277.9	256.2	230.8	204.7	180.6	268.4	277.9	256.2	230.8	204.7	180.6	267.6	277.9	256.2	230.8	204.7	180.6
19	Silvercord Centre	294.4	304.3	276.8	245.1	213.4	185.0	295.2	304.3	276.8	245.1	213.4	185.0	294.2	304.3	276.8	245.1	213.4	185.0
20	No.30-41 Haiphong Road	282.2	290.3	263.3	232.1	201.4	174.2	283.1	290.4	263.3	232.1	201.4	174.2	283.2	290.4	263.3	232.1	201.4	174.2
21	Imperial Building (facing Canton Road)	336.9	345.1	306.9	264.3	223.7	189.0	337.8	345.1	306.9	264.3	223.7	189.0	336.7	345.1	306.9	264.3	223.7	189.0
22	Imperial Building (facing KPDCP)	344.8	351.6	310.4	266.0	224.3	188.9	345.7	351.6	310.4	266.0	224.3	188.9	344.5	351.6	310.4	266.0	224.3	188.9
23	Ocean Centre, New T&T and World Commercial Center	252.2	261.8	242.6	220.1	196.8	175.0	252.8	261.9	242.6	220.1	196.8	175.0	252.0	261.8	242.6	220.1	196.8	175.0
24	Marco Polo Gateway Hotel	289.5	298.9	272.0	240.8	209.7	182.0	290.2	298.9	272.0	240.8	209.7	182.0	289.3	298.9	272.0	240.8	209.7	182.0
25	Harbour City & World Finance Center	338.7	346.7	307.5	263.5	221.9	187.0	339.6	346.7	307.5	263.5	221.9	187.0	338.5	346.7	307.5	263.5	221.9	187.0
26	Hanley Building (facing Canton Road)	371.4	376.7	328.6	276.8	229.1	190.0	372.3	376.7	328.6	276.8	229.1	190.0	371.1	376.7	328.6	276.8	229.1	190.0
27	Hanley Building (facing KPDCP)	382.5	382.1	327.8	274.7	226.8	187.9	383.4	382.1	327.8	274.7	226.8	187.9	382.2	382.1	327.8	274.7	226.8	187.9
28	The Marco Polo Prince Hotel	374.3	380.3	330.9	276.8	227.7	188.4	375.2	380.3	330.9	276.8	227.7	188.4	374.0	380.3	330.9	276.8	227.7	188.4
29	Manley Building	423.5	420.9	358.0	291.5	233.5	189.3	424.6	420.9	358.0	291.5	233.5	189.3	423.2	420.9	358.0	291.5	233.5	189.3
30	The Gateway	427.8	429.3	362.4	292.4	232.8	188.5	428.9	429.3	362.4	292.4	232.8	188.5	427.5	429.3	362.4	292.4	232.8	188.5
31	The Royal Pacific Hotel and Towers	498.4	491.0	397.4	305.9	234.8	186.3	499.7	491.0	397.4	305.9	234.8	186.3	498.1	491.0	397.4	305.9	234.8	186.3
32	China Hong Kong City	489.5	480.1	386.2	297.1	229.5	185.3	490.7	480.1	386.2	297.1	229.5	185.3	489.2	480.1	386.2	297.1	229.5	185.3
33	Tsim Sha Tsui Fire Station	**733.8**	**661.4**	454.8	310.7	225.6	195.4	**735.4**	**661.4**	454.8	310.7	225.6	195.4	**733.3**	**661.4**	454.8	310.7	225.6	195.4
34	FSD Kowloon South Divisional HQ	**817.4**	**702.4**	459.5	308.0	225.8	195.4	**819.2**	**702.4**	459.5	308.0	225.8	195.4	**816.9**	**702.4**	459.5	308.0	225.8	195.4
35	Canton Road Government School	**724.8**	**635.4**	413.2	272.6	220.1	192.0	**726.4**	**635.4**	413.2	272.6	220.1	192.0	**724.4**	**635.4**	413.2	272.6	220.1	192.0
36	Lai Chack Middle School	**886.8**	**743.7**	451.5	287.8	227.6	195.5	**889.2**	**743.7**	451.5	287.8	227.6	195.5	**889.5**	**743.7**	451.5	287.8	227.6	195.5
37	Victoria Tower	**876.9**	**735.8**	467.7	307.5	226.8	195.6	**879.4**	**735.8**	467.7	307.5	226.8	195.6	**879.6**	**735.8**	467.7	307.5	226.8	195.6
38	No.1-3A Austin Road, Wai On Building	**544.4**	452.4	325.5	228.2	198.0	174.9	**545.7**	452.5	325.5	228.2	198.0	174.9	**546.6**	452.4	325.5	228.2	198.0	174.9
39	The Harbour Side	182.3	182.6	166.0	147.6	131.0	127.1	182.0	182.6	166.0	147.6	131.0	127.3	182.0	182.6	166.0	147.6	131.0	127.3
40	The Waterfront	256.8	246.4	199.9	162.6	151.6	140.6	256.6	246.4	199.9	162.6	151.6	140.6	255.6	246.4	199.9	160.9	148.9	139.3
41	Sorrento	284.7	258.9	213.0	168.2	154.3	144.2	284.5	258.9	213.0	168.2	154.3	144.2	284.5	258.9	213.0	168.2	146.1	136.7
42	No.51 Jordan Road, Lee Kiu Building	376.7	335.7	237.7	188.6	161.4	150.8	376.7	335.7	237.7	180.6	159.7	147.4	376.9	335.7	237.7	188.6	161.4	150.5
43	New Headquarters for the Hong Kong Girl Guides Association with hostels	**669.0**	**542.4**	302.9	228.6	184.9	158.0	**668.2**	**542.4**	302.9	228.6	184.9	158.0	**669.5**	**542.4**	302.9	213.3	171.9	155.0
44	Man King Building	**813.9**	**653.6**	371.5	243.0	198.9	168.4	**815.0**	**653.6**	371.5	243.0	198.9	168.4	**813.6**	**653.6**	371.5	243.0	198.9	168.4
45	Yau Ma Tei Catholic Primary School	321.9	320.3	268.9	218.7	178.2	160.5	321.5	320.3	268.9	218.7	178.2	160.5	322.2	320.3	268.9	218.7	178.2	157.1
46	HKMA David Li Kwok Po College	372.4	319.2	270.8	221.3	180.2	159.3	374.3	319.2	270.8	221.3	180.2	159.3	372.2	319.2	270.8	221.3	180.2	157.6
47	Charming Garden	**762.7**	341.7	266.6	213.8	182.7	158.4	**761.9**	341.7	266.6	213.8	182.7	158.5	**761.0**	323.8	266.6	213.8	182.7	158.4
48	Park Avenue	248.4	245.6	224.8	200.9	177.1	156.0	248.3	245.5	224.8	200.9	177.1	156.0	248.3	245.6	224.8	200.9	177.1	156.0
49	Central Park	327.0	325.5	278.5	232.9	196.5	169.4	326.6	325.5	278.5	232.9	196.6	169.4	327.3	325.5	278.5	232.9	196.5	169.4
50	Island Harbourview	208.2	217.6	204.8	189.7	174.0	158.9	208.0	217.6	204.8	189.7	174.0	158.9	208.3	217.6	204.8	189.7	174.0	158.9
51	Olympian City One	242.2	250.6	229.0	204.8	181.7	161.6	241.9	250.6	229.0	204.8	181.7	161.6	242.4	250.6	229.0	204.8	181.7	161.6
52	HSBC Centre	467.6	385.1	307.8	248.3	205.7	175.1	467.2	385.1	307.8	248.3	205.7	175.1	468.0	385.1	307.8	248.3	205.7	175.1
53	Skyway House	449.0	418.8	316.6	247.1	203.3	174.0	449.7	418.8	316.6	247.1	203.3	174.0	448.8	418.8	316.6	247.1	203.3	174.0
54	Olympic Station Phase 3 Project and Olympian City Phase 3 (Under construction)	**631.2**	497.3	320.7	239.3	196.0	168.7	**632.1**	497.3	320.7	239.3	196.0	168.7	**631.0**	497.3	320.7	239.3	196.0	168.7
55	Tai Kok Tsui Catholic Primary School (Hoi Fan Road)	177.2	185.7	178.0	169.0	159.2	149.5	177.0	185.7	178.0	169.0	159.2	149.5	177.3	185.7	178.0	169.0	159.2	149.5
56	Sir Ellis Kadoorie Secondary School (West Kowloon)	171.9	180.2	173.2	165.0	156.2	147.3	171.7	180.1	173.2	165.0	156.2	147.3	172.0	180.2	173.2	165.0	156.2	147.3
57	West Kowloon Disciplined Services Quarters	196.3	201.4	186.0	169.2	158.8	148.6	196.1	201.4	186.0	169.2	158.8	148.6	196.4	201.4	186.0	169.2	158.8	148.6
58	Metro Harbourview (Under construction)	183.7	190.0	178.8	165.8	152.7	140.6	183.5	190.0	178.8	165.8	152.7	140.6	183.8	190.0	178.8	165.8	152.7	140.6
59	Nam Cheong Estate	221.8	231.9	216.1	198.0	180.0	163.7	222.1	231.9	216.1	198.0	180.0	163.7	221.7	231.9	216.1	198.0	180.0	163.7
60	Fu Cheong Estate	189.4	197.1	186.1	173.1	159.9	147.5	189.2	197.1	186.1	173.1	159.9	147.5	189.5	197.1	186.1	173.1	159.9	147.5
	Max. Concentration	**886.8**	**743.7**	**467.7**	**310.7**	**234.8**	**195.6**	**889.2**	**743.7**	**467.7**	**310.7**	**234.8**	**195.6**	**889.5**	**743.7**	**467.7**	**310.7**	**234.8**	**195.6**

Project : GSA 5100 KSL EIA and Associated Services
Title: Predicted 24-hour TSP concentrations for ASRs at different height above ground for KSL only (With Background)
Option: Unmitigated

		Predicted 24-hour TSP concentrations for ASRs at different height above ground																	
		Year 99						Year 2000						Year 2001					
ASR	Description	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0
1	New World Centre	136.4	132.0	120.0	113.1	110.8	109.4	122.7	121.7	116.7	114.1	112.0	110.4	118.1	119.7	118.0	115.9	113.7	111.4
2	New World Centre (The Amazon)	223.3	161.4	126.7	118.9	115.3	112.8	227.6	159.1	126.4	117.4	113.3	110.9	215.4	148.1	130.9	124.3	119.1	115.0
3	Sheraton Hong Kong Hotel	**344.9**	171.4	127.7	117.3	115.4	113.3	**320.6**	180.0	125.3	116.7	113.3	111.3	**348.2**	178.2	126.6	121.2	117.8	114.5
4	The Peninsula Hotel	251.3	170.9	128.2	125.2	122.0	118.7	**261.2**	180.0	122.7	118.4	115.6	112.9	253.1	153.2	120.7	117.9	114.9	111.9
5	Hong Kong Space Museum	243.8	166.9	136.3	127.4	122.2	118.4	236.4	162.3	129.3	121.1	116.4	113.0	240.7	164.2	130.8	122.8	116.9	112.5
6	YMCA of Hong Kong	**289.5**	187.6	135.4	127.8	124.1	120.3	**334.0**	200.5	129.6	119.2	116.3	113.4	**290.6**	172.2	123.0	114.7	112.2	109.8
7	Old Fire Station Building	**292.9**	194.3	139.1	129.4	125.2	121.1	**330.8**	207.4	136.0	121.9	118.4	115.0	240.4	167.1	126.0	116.4	113.6	111.3
8	Hong Kong Cultural Centre	213.9	168.9	133.4	128.3	124.1	120.2	232.4	178.9	135.8	122.4	118.4	114.9	235.9	187.4	134.1	116.6	113.0	110.9
9	Star House	153.7	144.6	126.6	123.1	119.9	116.7	159.5	147.9	125.5	119.3	116.3	113.4	154.3	145.0	125.0	117.6	114.9	112.5
10	The Marco Polo Hong Kong Hotel	154.9	136.2	132.8	128.8	124.4	120.2	128.1	130.3	127.1	123.4	119.4	115.6	165.3	123.9	121.6	119.1	116.4	113.8
11	Former Marine Police Headquarters	149.2	144.3	136.0	130.8	125.9	121.4	153.8	136.1	128.4	123.9	119.7	115.8	133.2	126.8	120.6	117.5	114.9	112.5
12	Hankow Centre	139.0	137.3	134.0	130.1	125.8	121.6	137.9	127.4	124.5	121.2	117.8	114.5	147.8	132.5	120.6	117.7	114.5	111.5
13	No.1 Peking Road	**261.6**	138.4	134.8	130.5	125.9	121.4	**278.2**	131.2	127.9	124.1	120.0	116.1	**265.3**	123.0	120.3	118.1	115.6	113.2
14	Consumer Education Information Centre	137.5	140.5	136.8	132.3	127.6	122.9	129.2	130.6	126.5	122.7	118.9	115.3	130.1	123.9	121.1	118.0	114.7	111.5
15	No. 11-39 Ashley Road	143.9	146.9	142.1	136.5	130.6	124.9	133.6	135.8	131.6	126.8	121.8	117.2	132.6	134.2	129.9	124.9	119.7	115.0
16	No.2-12 Canton Road	188.7	140.6	136.7	132.0	127.1	122.3	181.9	132.9	129.4	125.2	120.8	116.6	163.8	123.2	121.2	118.8	116.1	113.6
17	No.4-8 Canton Road	143.1	142.5	138.3	133.3	128.0	123.0	142.7	134.3	130.6	126.1	121.5	117.1	134.1	124.2	122.0	119.4	116.6	113.9
18	Lippo Sun Plaza	143.1	146.2	141.4	135.8	129.9	124.3	134.8	137.2	132.9	127.9	122.8	118.0	124.3	125.9	123.5	120.6	117.5	114.5
19	Silvercord Centre	150.8	153.9	147.8	140.7	133.4	126.6	140.7	143.1	137.7	131.5	125.2	119.5	128.2	129.8	126.7	123.0	119.3	115.7
20	No.30-41 Haiphong Road	146.0	148.8	143.6	137.4	131.0	125.1	138.6	140.7	135.5	129.5	123.6	118.3	144.4	146.1	139.8	132.4	125.0	118.4
21	Imperial Building (facing Canton Road)	163.3	166.2	157.6	147.8	138.2	129.7	150.5	152.6	145.0	136.5	128.4	121.4	134.8	136.0	131.5	126.5	121.7	117.3
22	Imperial Building (facing KPDCP)	166.3	169.1	159.7	149.4	139.4	130.5	151.4	153.3	145.4	136.7	128.5	121.5	133.1	134.4	130.1	125.5	120.9	116.7
23	Ocean Centre, New T&T and World Commercial Center	139.1	142.0	137.7	132.7	127.4	122.4	132.6	134.9	131.0	126.4	121.6	117.1	125.3	126.9	124.3	121.3	118.0	114.9
24	Marco Polo Gateway Hotel	149.9	152.8	146.7	139.6	132.4	125.8	141.3	143.6	138.0	131.6	125.2	119.4	132.0	133.4	129.5	125.2	120.9	116.9
25	Harbour City & World Finance Center	164.5	167.1	158.0	147.8	137.9	129.3	153.5	155.3	146.9	137.7	128.9	121.6	141.1	142.0	136.0	129.7	123.9	118.8
26	Hanley Building (facing Canton Road)	174.0	176.2	165.0	152.9	141.5	131.6	158.8	160.2	150.4	140.1	130.5	122.5	141.3	141.5	135.2	129.1	123.4	118.4
27	Hanley Building (facing KPDCP)	178.7	180.1	167.3	154.5	142.5	132.4	160.0	160.7	150.2	139.7	130.2	122.3	140.9	140.9	133.6	127.6	122.3	117.7
28	The Marco Polo Prince Hotel	176.1	177.5	165.6	152.9	141.1	131.2	165.0	164.4	152.9	141.4	131.1	122.7	149.0	148.2	140.5	132.7	125.7	119.9
29	Manley Building	194.5	191.6	175.8	159.8	145.4	133.8	175.5	172.1	158.5	144.7	132.8	123.6	158.2	150.2	140.6	132.6	125.5	119.7
30	The Gateway	190.6	191.6	176.1	159.7	145.0	133.4	173.9	174.7	160.6	145.9	133.4	124.2	161.8	155.4	146.1	136.4	127.9	121.1
31	The Royal Pacific Hotel and Towers	210.3	210.5	189.0	167.0	148.8	135.4	190.2	189.5	170.1	150.9	135.7	125.7	167.6	167.1	154.2	141.1	130.5	122.7
32	China Hong Kong City	212.0	211.2	188.3	165.8	147.8	134.7	195.0	193.3	171.8	151.5	136.1	126.5	185.0	182.5	163.7	146.2	133.2	124.7
33	Tsim Sha Tsui Fire Station	**293.0**	**275.9**	220.9	180.8	155.1	138.6	**263.4**	246.1	196.2	162.1	141.6	129.1	251.5	233.5	187.4	156.7	139.7	129.8
34	FSD Kowloon South Divisional HQ	**332.4**	**299.5**	228.8	183.9	156.4	139.1	**304.5**	**270.0**	203.9	165.8	143.6	130.2	**298.2**	**261.4**	196.5	160.5	142.1	130.9
35	Canton Road Government School	**321.8**	**299.6**	232.9	185.6	157.0	139.5	**280.9**	259.7	201.8	163.4	141.4	128.2	**275.1**	251.0	191.6	153.6	136.7	127.6
36	Lai Chack Middle School	**346.4**	**313.9**	235.8	185.9	156.9	139.4	**312.9**	**279.2**	207.0	164.9	141.9	128.7	**312.8**	**275.7**	200.1	157.1	138.8	128.8
37	Victoria Tower	**291.2**	**265.4**	209.1	172.7	149.9	135.3	**381.4**	**307.8**	203.0	164.4	142.5	129.9	**295.6**	258.2	196.8	158.8	140.1	129.6
38	No.1-3A Austin Road, Wai On Building	242.4	200.6	152.6	137.2	128.4	121.7	247.3	234.9	191.2	157.1	135.5	123.8	232.7	185.0	156.3	138.7	128.8	122.2
39	The Harbour Side	135.6	136.3	130.1	123.0	117.5	114.9	136.7	137.8	131.7	125.0	118.9	115.4	138.0	138.7	132.0	124.3	118.0	114.5
40	The Waterfront	176.1	170.5	149.7	138.2	127.5	120.6	176.0	171.9	150.7	140.2	132.4	125.3	179.0	173.0	149.7	133.7	124.2	117.0
41	Sorrento	180.8	170.5	147.6	136.0	125.5	118.9	179.3	170.1	151.2	140.3	131.3	124.1	189.8	177.1	149.0	134.1	123.7	116.0
42	No.51 Jordan Road, Lee Kiu Building	230.3	210.2	171.4	146.4	128.1	118.1	238.4	210.1	172.1	147.6	128.6	118.4	237.5	214.9	167.4	136.9	121.4	115.8
43	New Headquarters for the Hong Kong Girl Guides Association with hostels	**353.3**	**287.5**	191.4	150.2	128.3	120.0	**333.1**	**274.5**	196.0	152.4	129.6	120.9	**356.0**	**278.3**	190.9	153.6	133.6	122.0
44	Man King Building	**376.3**	259.3	194.1	157.6	136.9	124.6	**382.8**	**272.9**	177.0	143.3	126.9	118.3	**429.4**	**281.6**	196.3	156.6	135.7	123.6
45	Yau Ma Tei Catholic Primary School	178.1	176.0	157.6	140.9	128.6	121.2	177.2	175.1	156.9	141.1	130.5	122.2	166.3	165.5	152.6	140.0	130.5	123.3
46	HKMA David Li Kwok Po College	168.3	166.7	151.0	136.6	126.5	120.0	167.8	166.3	152.4	140.8	130.4	122.2	162.9	162.8	151.2	139.3	129.3	122.5
47	Charming Garden	**307.6**	200.7	145.2	133.5	124.3	117.5	**294.6**	195.0	158.9	143.3	130.9	121.7	255.2	169.1	152.3	139.6	129.4	122.0
48	Park Avenue	147.4	147.9	139.0	130.4	123.2	117.7	142.6	143.8	137.4	131.9	126.2	120.9	155.3	153.5	139.9	129.1	123.8	119.3
49	Central Park	179.9	168.9	145.0	131.3	121.6	114.9	179.2	176.1	156.7	139.6	127.2	118.8	193.4	177.1	152.5	137.7	127.6	120.9
50	Island Harbourview	135.0	129.4	117.5	113.7	110.6	108.2	134.9	132.2	121.5	114.3	110.5	107.3	134.9	129.2	120.5	117.7	114.9	112.3
51	Olympian City One	157.4	137.4	122.5	115.1	111.5	108.8	155.0	141.8	127.0	116.5	109.5	106.4	157.4	141.6	126.2	121.9	118.3	115.0
52	HSBC Centre	**269.2**	195.4	147.0	126.0	116.6	111.8	**260.5**	208.1	156.1	132.0	120.5	114.0	**287.8**	198.1	156.0	136.4	126.1	119.7
53	Skyway House	234.7	183.1	143.7	124.3	115.9	111.2	231.6	200.3	153.9	130.7	119.3	113.0	**260.3**	191.9	152.5	134.5	124.9	118.8
54	Olympic Station Phase 3 Project and Olympian City Phase 3 (Under construction)	**286.7**	188.7	137.2	122.4	115.1	110.7	**285.6**	204.4	142.0	122.3	114.4	110.1	**326.5**	204.2	153.5	134.3	124.4	118.4
55	Tai Kok Tsui Catholic Primary School (Hoi Fan Road)	127.7	124.6	117.2	112.2	108.4	106.6	128.6	126.0	116.5	110.0	107.1	105.2	125.6	122.8	114.5	112.9	111.1	109.4
56	Sir Ellis Kadoorie Secondary School (West Kowloon)	120.7	118.7	114.7	110.6	108.1	106.3	124.3	122.5	114.7	108.7	105.9	104.8	115.6	114.8	113.5	112.0	110.4	108.9
57	West Kowloon Disciplined Services Quarters	131.2	131.6	125.5	119.4	114.8	111.8	129.2	131.1	127.5	123.4	119.3	115.6	135.4	135.6	128.3	121.4	117.4	114.0
58	Metro Harbourview (Under construction)	125.6	126.5	122.3	117.8	113.8	110.6	123.8	124.9	122.5	119.6	116.6	113.7	125.4	126.3	122.1	119.0	115.9	113.1
59	Nam Cheong Estate	123.5	123.6	118.8	115.4	112.2	109.4	128.8	130.1	125.4	120.3	115.7	112.0	130.5	131.5	126.4	121.0	116.5	113.0
60	Fu Cheong Estate	107.6	108.6	107.9	107.0	106.1	105.2	109.3	110.3	109.1	107.7	106.3	104.9	116.1	117.7	116.2	114.4	112.5	110.6
	Max. Concentration	**376.3**	**313.9**	**235.8**	**185.9**	**157.0**	**139.5**	**382.8**	**307.8**	**207.0**	**165.8**	**143.6**	**130.2**	**429.4**	**281.6**	**200.1**	**160.5**	**142.1**	**130.9**

APPENDIX – 5-4

Dust Assessment Results
(Mitigated Scenario for Construction of KSL)

Project : GSA 5100 KSL EIA and Associated Services
Title: Predicted 1-hour TSP concentrations for ASRs at different height above ground for KSL only (With Background)
Option: Watering 4 times for West Kowloon Station and twice for other section

		Predicted 1-hour TSP concentrations for ASRs at different height above ground																	
		Year 99						Year 2000						Year 2001					
ASR	Description	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0
1	New World Centre	198.6	175.6	131.3	126.7	123.1	119.4	198.6	175.6	131.3	126.7	123.1	119.4	198.8	175.6	131.3	126.7	123.1	119.4
2	New World Centre (The Amazon)	267.9	172.5	135.6	131.3	126.7	122.2	268.2	172.5	135.6	131.3	126.7	122.2	268.2	172.5	135.6	131.3	126.7	122.2
3	Sheraton Hong Kong Hotel	354.0	163.8	138.0	133.3	128.2	123.2	354.0	163.8	138.0	133.3	128.2	123.2	354.0	163.8	138.0	133.3	128.2	123.2
4	The Peninsula Hotel	264.7	168.7	128.0	124.3	120.5	116.7	264.7	168.7	128.0	124.3	120.5	116.7	264.1	168.7	128.0	124.3	120.5	116.7
5	Hong Kong Space Museum	219.9	153.7	127.8	124.4	120.7	117.0	220.2	153.7	127.8	124.4	120.7	117.0	220.3	153.7	127.8	124.4	120.7	117.0
6	YMCA of Hong Kong	309.1	188.7	136.1	131.4	126.4	121.5	309.4	188.7	136.1	131.4	126.4	121.5	309.3	188.7	136.1	131.4	126.4	121.5
7	Old Fire Station Building	366.6	203.0	143.0	137.4	131.5	125.6	366.9	203.0	143.0	137.4	131.5	125.6	366.8	203.0	143.0	137.4	131.5	125.6
8	Hong Kong Cultural Centre	255.8	193.3	141.3	136.0	130.4	124.9	255.5	193.3	141.3	136.0	130.4	124.9	255.6	193.3	141.3	136.0	130.4	124.9
9	Star House	197.5	175.9	138.5	133.4	128.3	123.2	197.4	175.9	138.5	133.4	128.3	123.2	197.4	175.9	138.5	133.4	128.3	123.2
10	The Marco Polo Hong Kong Hotel	214.3	152.9	147.3	140.7	133.8	127.0	214.3	152.9	147.3	140.7	133.8	127.0	214.4	152.9	147.3	140.7	133.8	127.0
11	Former Marine Police Headquarters	160.9	152.6	147.0	140.6	133.9	127.3	161.0	152.6	147.0	140.7	133.9	127.3	161.1	152.6	147.0	140.6	133.9	127.3
12	Hankow Centre	148.6	141.3	137.0	132.0	126.6	121.3	148.6	141.3	137.0	132.0	126.6	121.3	147.2	141.3	137.0	132.0	126.6	121.3
13	No.1 Peking Road	255.1	154.7	148.9	142.1	134.9	127.9	255.1	154.7	148.9	142.1	134.9	127.9	255.1	154.7	148.9	142.1	134.9	127.9
14	Consumer Education Information Centre	142.4	145.8	140.9	135.1	128.9	123.0	142.6	145.8	140.9	135.1	128.9	123.0	142.4	145.8	140.9	135.1	128.9	123.0
15	No. 11-39 Ashley Road	142.8	145.8	140.3	133.9	127.4	121.2	143.0	145.8	140.3	133.9	127.4	121.2	142.8	145.8	140.3	133.9	127.4	121.2
16	No.2-12 Canton Road	207.4	157.1	150.9	143.6	135.9	128.5	207.4	157.1	150.9	143.6	135.9	128.5	207.4	157.1	150.9	143.6	135.9	128.5
17	No.4-8 Canton Road	161.5	159.2	152.6	144.9	136.8	129.1	161.5	159.2	152.6	144.9	136.8	129.1	161.5	159.2	152.6	144.9	136.8	129.1
18	Lippo Sun Plaza	159.0	163.1	155.8	147.2	138.4	130.0	159.2	163.1	155.8	147.2	138.4	130.0	158.9	163.1	155.8	147.2	138.4	130.0
19	Silvercord Centre	166.9	170.9	161.9	151.5	141.1	131.4	167.1	170.9	161.9	151.5	141.1	131.4	166.8	170.9	161.9	151.5	141.1	131.4
20	No.30-41 Haiphong Road	160.0	163.2	154.6	144.8	135.0	126.2	160.3	163.2	154.7	144.8	135.0	126.2	160.3	163.2	154.7	144.8	135.0	126.2
21	Imperial Building (facing Canton Road)	179.1	182.6	170.5	157.1	144.2	132.8	179.4	182.6	170.5	157.1	144.2	132.8	179.0	182.6	170.5	157.1	144.2	132.8
22	Imperial Building (facing KPDCP)	180.9	183.7	170.6	156.7	143.6	132.1	181.2	183.7	170.6	156.7	143.6	132.1	180.8	183.7	170.6	156.7	143.6	132.1
23	Ocean Centre, New T&T and World Commercial Center	155.4	159.5	152.8	144.9	136.7	128.8	155.7	159.5	152.8	144.9	136.7	128.8	155.4	159.5	152.8	144.9	136.7	128.8
24	Marco Polo Gateway Hotel	166.9	170.9	162.0	151.5	141.0	131.3	167.1	170.9	162.0	151.5	141.0	131.3	166.8	170.9	162.0	151.5	141.0	131.3
25	Harbour City & World Finance Center	181.0	184.7	172.4	158.4	144.8	133.0	181.3	184.7	172.4	158.4	144.8	133.0	180.9	184.7	172.4	158.4	144.8	133.0
26	Hanley Building (facing Canton Road)	188.8	191.3	176.5	160.7	145.8	133.1	189.1	191.3	176.5	160.7	145.8	133.1	188.7	191.3	176.5	160.7	145.8	133.1
27	Hanley Building (facing KPDCP)	192.8	192.5	174.9	158.7	144.0	131.7	193.2	192.5	174.9	158.7	144.0	131.7	192.8	192.5	174.9	158.7	144.0	131.7
28	The Marco Polo Prince Hotel	190.9	194.1	179.1	162.3	146.7	133.6	191.3	194.1	179.1	162.3	146.7	133.6	190.8	194.1	179.1	162.3	146.7	133.6
29	Manley Building	203.2	202.7	184.3	164.7	147.0	132.9	203.5	202.7	184.3	164.7	147.0	132.9	203.1	202.7	184.3	164.7	147.0	132.9
30	The Gateway	205.3	207.3	187.7	166.8	148.3	133.7	205.7	207.4	187.7	166.8	148.3	133.7	205.2	207.3	187.7	166.7	148.3	133.7
31	The Royal Pacific Hotel and Towers	224.0	223.9	197.3	170.7	149.1	133.3	224.5	223.9	197.3	170.7	149.1	133.3	223.9	223.9	197.3	170.7	149.1	133.3
32	China Hong Kong City	225.0	224.4	197.2	170.6	149.2	133.5	225.4	224.4	197.2	170.6	149.2	133.5	224.9	224.4	197.2	170.6	149.2	133.5
33	Tsim Sha Tsui Fire Station	288.4	271.9	215.9	174.9	148.5	131.6	289.0	271.9	215.9	174.9	148.5	131.6	288.3	271.9	215.9	174.9	148.5	131.6
34	FSD Kowloon South Divisional HQ	311.0	283.8	218.3	175.0	148.0	131.3	311.6	283.8	218.3	175.0	148.0	131.3	310.8	283.8	218.3	175.0	148.0	131.3
35	Canton Road Government School	277.1	256.0	198.0	159.7	137.3	129.6	277.6	256.0	198.0	159.7	137.3	129.6	277.0	256.0	198.0	159.7	137.3	129.6
36	Lai Chack Middle School	322.7	288.2	211.0	165.4	140.2	130.8	323.5	288.2	211.0	165.4	140.2	130.8	323.6	288.2	211.1	165.4	140.2	130.8
37	Victoria Tower	326.8	292.8	220.7	174.7	146.5	131.5	327.5	292.8	220.7	174.7	146.5	131.5	327.6	292.8	220.7	174.7	146.5	131.5
38	No.1-3A Austin Road, Wai On Building	223.4	214.4	177.0	151.3	137.0	126.2	223.9	214.4	177.0	151.3	137.0	126.2	223.7	214.4	177.0	151.3	137.0	126.2
39	The Harbour Side	149.8	150.2	140.4	129.6	119.6	115.6	149.7	150.2	140.4	129.6	119.6	115.6	149.7	150.2	140.4	129.6	119.6	115.6
40	The Waterfront	176.5	171.0	148.4	128.7	123.4	118.6	176.4	171.0	148.4	128.7	123.4	118.6	176.4	171.0	148.4	128.7	123.4	118.6
41	Sorrento	191.4	176.6	146.7	127.9	122.0	117.3	191.2	176.6	146.7	127.9	122.0	117.3	191.2	176.6	146.7	127.9	122.0	117.3
42	No.51 Jordan Road, Lee Kiu Building	191.2	175.7	156.6	137.1	125.8	121.6	191.3	175.7	156.6	137.2	125.8	121.6	191.5	175.7	156.6	137.1	125.8	121.6
43	New Headquarters for the Hong Kong Girl Guides Association with hostels	281.1	217.4	182.7	153.8	133.0	126.4	280.9	217.4	182.7	153.8	133.0	126.4	280.6	217.4	182.7	153.8	133.0	126.4
44	Man King Building	410.9	324.9	204.8	158.5	139.8	127.7	411.7	324.9	204.8	158.5	139.8	127.7	411.8	324.9	204.8	158.5	139.8	127.7
45	Yau Ma Tei Catholic Primary School	200.2	198.7	174.3	150.7	132.0	125.3	200.4	198.7	174.3	150.7	132.0	125.3	200.6	198.7	174.3	150.7	132.0	123.3
46	HKMA David Li Kwok Po College	235.2	200.2	177.0	153.4	134.0	125.1	236.2	200.2	176.9	153.4	134.0	125.1	235.1	200.2	177.0	153.4	134.0	123.8
47	Charming Garden	430.4	219.8	178.3	152.5	132.3	125.0	429.9	219.8	178.3	152.5	132.3	125.0	429.5	210.9	178.3	152.5	132.3	123.3
48	Park Avenue	173.2	163.1	153.6	142.7	131.9	122.4	173.1	163.1	153.6	142.7	131.9	122.4	173.1	163.1	153.6	142.7	131.9	122.4
49	Central Park	210.9	203.5	177.6	156.1	139.3	127.1	210.7	203.5	177.6	156.1	139.3	127.1	211.0	203.5	177.6	156.1	139.3	127.1
50	Island Harbourview	145.2	149.0	143.3	136.6	129.7	123.1	145.1	149.0	143.3	136.6	129.7	123.0	145.3	149.0	143.3	136.6	129.7	123.1
51	Olympian City One	164.0	167.6	157.4	146.0	135.2	125.8	163.8	167.6	157.4	146.0	135.2	125.8	164.1	167.6	157.4	146.0	135.2	125.8
52	HSBC Centre	279.3	231.8	194.6	165.8	145.5	131.2	279.8	231.8	194.6	165.8	145.5	131.2	279.5	231.8	194.6	165.8	145.5	131.2
53	Skyway House	260.1	244.8	196.9	164.9	144.8	131.2	260.2	244.8	197.0	164.9	144.8	131.2	260.2	244.8	196.9	164.9	144.8	131.2
54	Olympic Station Phase 3 Project and Olympian City Phase 3 (Under construction)	355.4	287.9	201.1	161.9	141.6	129.0	355.8	287.9	201.1	161.9	141.6	129.0	355.3	287.9	201.1	161.9	141.6	129.0
55	Tai Kok Tsui Catholic Primary School (Hoi Fan Road)	132.2	135.8	132.4	128.4	124.0	119.7	132.2	135.8	132.4	128.4	124.0	119.7	132.3	135.8	132.4	128.4	124.1	119.7
56	Sir Ellis Kadoorie Secondary School (West Kowloon)	129.8	133.2	130.2	126.6	122.7	118.7	129.7	133.2	130.2	126.6	122.7	118.7	129.8	133.2	130.2	126.6	122.7	118.7
57	West Kowloon Disciplined Services Quarters	144.6	147.0	139.6	131.3	123.8	119.3	144.5	147.0	139.6	131.3	123.8	119.3	144.7	147.0	139.6	131.3	123.8	119.3
58	Metro Harbourview (Under construction)	138.3	141.3	135.9	129.8	123.5	117.8	138.2	141.3	135.9	129.8	123.5	117.8	138.4	141.3	135.9	129.8	123.5	117.8
59	Nam Cheong Estate	154.5	158.9	151.5	143.0	134.6	127.0	154.7	158.9	151.5	143.0	134.6	127.0	154.5	158.9	151.5	143.0	134.6	127.0
60	Fu Cheong Estate	140.8	144.3	139.0	132.8	126.5	120.6	140.8	144.3	139.0	132.8	126.5	120.6	140.9	144.3	139.0	132.8	126.5	120.6
	Max. Concentration	**430.4**	**324.9**	**220.7**	**175.0**	**149.2**	**133.7**	**429.9**	**324.9**	**220.7**	**175.0**	**149.2**	**133.7**	**429.5**	**324.9**	**220.7**	**175.0**	**149.2**	**133.7**

Project : GSA 5100 KSL EIA and Associated Services
Title: Predicted 24-hour TSP concentrations for ASRs at different height above ground for KSL only (With Background)
Option: Watering 4 times for West Kowloon Station and twice for other section

		Predicted 24-hour TSP concentrations for ASRs at different height above ground																	
		Year 99						Year 2000						Year 2001					
ASR	Description	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0
1	New World Centre	115.8	113.5	107.6	104.3	103.0	102.5	108.3	107.6	105.3	104.0	103.3	102.7	105.8	106.4	105.8	105.1	104.2	103.4
2	New World Centre (The Amazon)	158.6	127.5	110.3	106.3	104.7	103.7	161.2	126.4	110.2	105.9	103.9	102.9	153.4	121.2	111.3	108.4	106.2	104.6
3	Sheraton Hong Kong Hotel	221.4	134.7	112.7	105.3	104.6	103.9	209.3	139.0	111.6	105.8	103.7	102.9	223.1	138.1	112.3	106.6	105.4	104.2
4	The Peninsula Hotel	174.7	134.5	112.4	108.0	106.9	105.7	179.6	139.0	110.4	105.5	104.6	103.6	175.5	125.6	107.6	105.4	104.3	103.3
5	Hong Kong Space Museum	167.0	129.7	113.3	109.3	107.2	105.7	165.2	129.1	110.8	107.1	105.1	103.7	168.7	130.6	111.9	108.2	105.6	103.8
6	YMCA of Hong Kong	193.8	142.8	115.1	108.9	107.6	106.4	216.0	149.3	113.8	105.8	104.8	103.8	194.3	135.1	110.5	104.3	103.4	102.6
7	Old Fire Station Building	195.5	146.2	117.2	109.9	108.2	106.8	214.4	152.7	117.0	106.8	105.6	104.4	169.2	132.6	112.0	105.1	103.9	103.1
8	Hong Kong Cultural Centre	155.9	133.5	114.6	109.4	107.9	106.5	165.2	138.4	116.9	107.3	105.8	104.5	167.0	142.7	116.0	107.3	103.7	102.9
9	Star House	125.8	121.3	111.1	108.0	106.8	105.6	128.7	123.0	111.8	106.4	105.2	104.1	126.1	121.5	111.5	105.6	104.4	103.5
10	The Marco Polo Hong Kong Hotel	126.4	112.6	111.4	109.9	108.3	106.8	112.9	110.0	108.9	107.6	106.2	104.8	131.6	107.3	106.4	105.5	104.7	103.8
11	Former Marine Police Headquarters	118.8	116.1	112.4	110.4	108.6	107.0	124.0	112.8	109.4	107.7	106.2	104.8	114.5	109.3	106.4	105.2	104.2	103.4
12	Hankow Centre	118.5	112.8	111.0	109.6	108.2	106.8	118.0	110.8	107.6	106.5	105.3	104.2	122.9	115.2	106.3	105.3	104.2	103.2
13	No.1 Peking Road	179.8	113.1	111.8	110.3	108.7	107.1	188.1	110.1	109.0	107.7	106.3	104.9	181.6	107.1	105.9	105.2	104.4	103.6
14	Consumer Education Information Centre	112.0	113.1	111.9	110.4	108.8	107.2	109.4	109.8	108.3	107.0	105.7	104.4	114.1	110.9	108.5	105.5	104.3	103.2
15	No. 11-39 Ashley Road	113.9	115.1	113.5	111.7	109.8	107.9	110.4	111.2	109.9	108.3	106.7	105.1	110.2	110.8	109.4	107.7	106.0	104.4
16	No.2-12 Canton Road	143.4	113.8	112.5	110.8	109.1	107.4	140.0	110.7	109.5	108.1	106.6	105.1	130.9	108.7	106.2	105.4	104.5	103.7
17	No.4-8 Canton Road	120.6	114.4	113.0	111.3	109.4	107.6	120.4	111.1	109.9	108.4	106.8	105.3	116.1	107.5	106.4	105.6	104.7	103.8
18	Lippo Sun Plaza	114.4	115.6	114.0	112.1	110.0	108.1	111.1	112.0	110.6	109.0	107.2	105.6	108.7	107.7	106.9	105.9	104.9	104.0
19	Silvercord Centre	116.8	118.0	116.0	113.6	111.2	108.9	112.9	113.8	112.1	110.1	108.0	106.1	108.3	108.8	107.8	106.7	105.5	104.4
20	No.30-41 Haiphong Road	114.5	115.6	113.9	112.0	109.9	107.9	112.0	112.8	111.1	109.2	107.2	105.5	113.7	114.4	112.4	110.1	107.7	105.6
21	Imperial Building (facing Canton Road)	120.6	121.8	119.0	115.9	112.8	109.9	115.8	116.7	114.3	111.6	109.0	106.7	110.4	110.8	109.3	107.7	106.2	104.9
22	Imperial Building (facing KPDCP)	121.4	122.5	119.5	116.2	113.0	110.1	116.1	116.8	114.2	111.5	108.9	106.7	110.4	110.7	109.0	107.4	105.9	104.6
23	Ocean Centre, New T&T and World Commercial Center	113.4	114.5	113.0	111.3	109.4	107.6	110.6	111.5	110.2	108.6	107.0	105.4	107.4	108.0	107.2	106.2	105.2	104.1
24	Marco Polo Gateway Hotel	116.8	118.0	116.0	113.6	111.1	108.8	113.3	114.2	112.4	110.3	108.2	106.2	109.4	109.9	108.8	107.4	106.0	104.8
25	Harbour City & World Finance Center	121.4	122.5	119.5	116.2	112.9	110.0	117.1	117.8	115.1	112.2	109.4	106.9	112.2	112.5	110.6	108.7	107.0	105.4
26	Hanley Building (facing Canton Road)	123.9	124.8	121.2	117.4	113.8	110.6	118.4	118.9	115.9	112.7	109.7	107.1	112.6	112.6	110.4	108.5	106.7	105.2
27	Hanley Building (facing KPDCP)	125.5	125.9	121.7	117.7	113.9	110.7	118.9	119.1	115.6	112.4	109.4	106.9	113.2	113.2	110.6	108.3	106.4	105.0
28	The Marco Polo Prince Hotel	125.0	125.6	121.8	117.8	114.0	110.6	121.0	120.6	116.9	113.4	110.1	107.3	115.1	114.4	111.9	109.6	107.5	105.7
29	Manley Building	130.9	129.4	124.4	119.5	115.0	111.3	124.2	122.5	118.2	114.1	110.4	107.4	120.1	115.9	112.2	109.6	107.4	105.6
30	The Gateway	128.9	129.5	124.8	119.8	115.2	111.4	122.7	123.2	119.1	114.7	110.8	107.7	119.5	116.3	113.4	110.7	108.2	106.1
31	The Royal Pacific Hotel and Towers	134.1	134.7	128.5	122.0	116.4	112.1	127.0	127.2	121.7	116.1	111.5	108.1	119.2	119.3	115.7	112.0	109.0	106.6
32	China Hong Kong City	135.3	135.7	129.0	122.2	116.5	112.2	128.9	128.9	122.7	116.7	111.9	108.5	123.9	123.5	118.4	113.6	109.9	107.2
33	Tsim Sha Tsui Fire Station	156.8	153.1	138.1	126.7	118.9	113.5	146.8	142.9	129.4	119.8	113.6	109.5	141.1	136.8	124.9	116.6	111.5	108.6
34	FSD Kowloon South Divisional HQ	167.3	159.6	140.6	127.8	119.4	113.8	157.5	149.3	131.7	120.9	114.2	109.9	153.1	144.1	127.4	117.8	112.2	109.0
35	Canton Road Government School	162.5	157.5	139.9	126.9	118.7	113.2	150.8	145.9	130.5	119.9	113.3	109.1	149.1	143.3	127.6	117.0	110.8	108.0
36	Lai Chack Middle School	168.7	161.1	140.6	127.0	118.7	113.2	158.9	150.9	131.9	120.3	113.5	109.2	159.0	150.0	130.1	118.2	111.5	108.3
37	Victoria Tower	154.5	148.5	133.5	123.4	116.6	112.0	173.8	155.6	130.2	119.5	113.3	109.2	154.4	146.8	130.2	119.3	112.4	108.6
38	No.1-3A Austin Road, Wai On Building	135.4	128.7	117.8	114.0	110.7	108.1	145.2	142.3	129.7	119.3	112.3	108.2	133.2	127.0	118.9	112.3	109.2	107.1
39	The Harbour Side	117.6	116.6	114.0	110.9	108.8	107.4	118.6	117.4	114.2	111.9	110.4	108.9	121.8	121.4	116.4	112.3	109.0	106.6
40	The Waterfront	130.6	128.8	120.9	115.4	111.8	109.1	132.1	129.2	122.9	119.0	115.1	111.6	135.5	132.7	123.0	115.7	110.9	107.5
41	Sorrento	138.3	133.1	120.8	115.5	111.4	108.4	138.5	133.3	124.5	119.1	114.6	111.0	143.9	137.5	123.4	116.0	110.8	107.0
42	No.51 Jordan Road, Lee Kiu Building	134.4	127.4	117.6	111.1	106.9	105.1	135.0	127.8	121.4	115.0	109.8	106.1	134.7	129.0	116.6	109.3	107.0	105.2
43	New Headquarters for the Hong Kong Girl Guides Association with hostels	181.0	147.0	124.4	117.8	112.7	108.9	178.9	147.5	130.3	117.5	111.0	107.9	172.9	146.5	121.9	114.2	110.2	107.5
44	Man King Building	233.3	178.5	145.9	127.7	117.4	111.2	234.9	177.2	137.3	120.6	112.4	108.1	245.0	166.1	133.9	120.4	113.1	108.6
45	Yau Ma Tei Catholic Primary School	136.9	135.7	126.6	118.4	112.4	108.5	136.5	135.3	126.3	118.0	112.1	108.3	129.9	129.0	123.0	117.2	112.6	109.1
46	HKMA David Li Kwok Po College	132.1	131.2	123.4	116.3	111.1	108.0	131.9	131.1	123.5	117.1	112.2	108.4	128.3	127.8	122.2	116.5	112.1	108.9
47	Charming Garden	202.8	149.4	120.2	114.5	110.1	106.9	196.3	144.4	126.4	118.8	112.8	108.5	176.6	133.5	123.2	117.0	112.1	108.6
48	Park Avenue	121.9	122.1	117.7	113.4	109.9	107.3	119.9	120.0	116.6	113.1	110.5	108.1	125.3	124.3	117.6	112.1	109.6	107.5
49	Central Park	138.4	132.9	120.6	113.8	109.1	105.8	138.3	135.7	126.1	117.6	111.5	107.5	144.4	136.1	124.0	116.7	111.7	108.5
50	Island Harbourview	116.1	113.3	107.6	105.1	103.7	102.6	115.6	114.1	108.9	106.2	104.3	102.6	116.3	113.6	108.0	106.7	105.4	104.1
51	Olympian City One	127.7	117.7	110.2	106.0	104.1	102.9	126.5	119.3	112.5	107.2	103.5	101.8	127.7	119.8	110.8	108.7	107.1	105.5
52	HSBC Centre	174.0	138.7	119.4	110.6	106.2	104.4	175.8	147.7	124.9	113.7	108.3	105.2	185.9	142.0	124.4	115.5	110.7	107.8
53	Skyway House	165.4	139.1	119.7	110.3	106.2	104.0	164.3	147.0	124.3	113.1	107.7	104.8	177.3	143.1	123.5	114.9	110.3	107.5
54	Olympic Station Phase 3 Project and Olympian City Phase 3 (Under construction)	191.9	142.5	116.7	109.4	105.9	103.8	190.8	150.1	119.0	109.3	105.5	103.5	211.1	149.8	124.5	115.1	110.3	107.4
55	Tai Kok Tsui Catholic Primary School (Hoi Fan Road)	112.9	111.3	107.6	105.1	102.9	101.9	113.3	112.0	107.2	103.6	102.2	101.4	111.8	110.4	105.9	104.6	103.8	103.0
56	Sir Ellis Kadoorie Secondary School (West Kowloon)	109.3	108.3	106.3	104.3	102.6	101.7	111.2	110.2	106.4	103.2	101.8	101.3	106.8	106.1	104.9	104.2	103.5	102.7
57	West Kowloon Disciplined Services Quarters	114.2	114.3	111.3	108.3	105.9	104.4	113.1	113.5	111.8	109.8	107.9	106.1	115.9	116.0	112.3	108.9	107.0	105.4
58	Metro Harbourview (Under construction)	111.4	111.8	109.7	107.5	105.5	104.0	110.5	111.0	109.4	108.0	106.6	105.2	111.0	111.4	109.2	107.7	106.3	104.9
59	Nam Cheong Estate	110.4	110.5	108.1	106.3	104.7	103.3	112.8	113.3	111.0	108.5	106.3	104.5	113.7	114.1	111.5	108.9	106.7	105.0
60	Fu Cheong Estate	102.5	102.9	102.6	102.2	101.7	101.3	103.2	103.7	103.1	102.4	101.7	101.1	106.4	107.2	106.4	105.6	104.6	103.8
	Max. Concentration	**233.3**	**178.5**	**145.9**	**127.8**	**119.4**	**113.8**	**234.9**	**177.2**	**137.3**	**120.9**	**115.1**	**111.6**	**245.0**	**166.1**	**133.9**	**120.4**	**113.1**	**109.1**

APPENDIX – 5-5

Dust Assessment Results
(Cumulative Dust Concentrations for Both KSL and FMPHQ)

Project : GSA 5100 KSL EIA and Associated Services
Title: Cumulative predicted 1-hour TSP concentrations for ASRs at different height above ground (With Background - Mitigated)
Option: Watering 4 times for FMPHQ (provided by CH12MHill) & 75%+ 50% mixed for KSL

		Predicted 1-hour TSP concentrations for ASRs at different height above ground																	
		Year 99						Year 2000						Year 2001					
ASR	Description	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0
1	New World Centre	216.0	191.4	142.8	126.7	123.1	119.4	216.0	191.4	142.8	126.7	123.1	119.4	216.3	191.4	142.8	126.7	123.1	119.4
2	New World Centre (The Amazon)	294.9	195.5	135.6	131.3	126.7	122.2	295.2	195.5	142.9	131.3	126.7	122.2	295.2	195.5	142.9	131.3	126.7	122.2
3	Sheraton Hong Kong Hotel	354.0	165.8	138.0	133.3	128.2	123.2	354.0	165.8	138.0	133.3	128.2	123.2	354.0	165.8	138.0	133.3	128.2	123.2
4	The Peninsula Hotel	264.7	168.7	128.0	124.3	120.5	116.7	264.7	168.7	128.0	124.3	120.5	116.7	264.1	168.7	128.0	124.3	120.5	116.7
5	Hong Kong Space Museum	268.0	185.9	136.7	124.4	120.7	117.0	268.2	185.9	135.6	124.4	120.7	117.0	268.4	185.9	135.6	124.4	120.7	117.0
6	YMCA of Hong Kong	309.1	188.7	136.3	131.5	126.5	121.5	309.4	188.7	136.3	131.5	126.5	121.5	309.3	188.7	136.3	131.5	126.5	121.5
7	Old Fire Station Building	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Hong Kong Cultural Centre	255.8	217.7	161.0	139.3	130.8	125.0	255.5	217.8	161.0	139.3	130.8	125.0	255.6	217.7	161.0	139.3	130.8	125.0
9	Star House	259.9	236.4	139.2	133.4	128.3	123.2	259.9	236.4	139.2	133.4	128.3	123.2	259.9	236.4	139.2	133.4	128.3	123.2
10	The Marco Polo Hong Kong Hotel	308.1	184.1	147.3	140.7	133.8	127.0	308.1	184.1	147.3	140.7	133.8	127.0	308.1	183.4	147.3	140.7	133.8	127.0
11	Former Marine Police Headquarters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Hankow Centre	190.4	162.3	137.0	132.0	126.6	121.3	190.4	162.3	137.0	132.0	126.6	121.3	190.5	162.3	137.0	132.0	126.6	121.3
13	No.1 Peking Road	255.1	208.1	148.9	142.1	134.9	127.9	255.1	208.1	148.9	142.1	134.9	127.9	255.1	208.1	148.9	142.1	134.9	127.9
14	Consumer Education Information Centre	199.8	179.0	140.9	135.1	128.9	123.0	199.9	179.0	140.9	135.1	128.9	123.0	199.9	179.0	140.9	135.1	128.9	123.0
15	No. 11-39 Ashley Road	164.4	145.8	140.3	133.9	127.4	121.2	164.3	145.8	140.3	133.9	127.4	121.2	164.4	145.8	140.3	133.9	127.4	121.2
16	No.2-12 Canton Road	214.5	173.2	150.9	143.6	135.9	128.5	214.5	173.2	150.9	143.6	135.9	128.5	214.5	173.2	150.9	143.6	135.9	128.5
17	No.4-8 Canton Road	199.0	164.3	152.6	144.9	136.8	129.1	199.0	164.3	152.6	144.9	136.8	129.1	199.0	164.3	152.6	144.9	136.8	129.1
18	Lippo Sun Plaza	170.8	163.1	155.8	147.2	138.4	130.0	170.8	163.1	155.8	147.2	138.4	130.0	170.8	163.1	155.8	147.2	138.4	130.0
19	Silvercord Centre	166.9	170.9	161.9	151.5	141.1	131.4	167.1	170.9	161.9	151.5	141.1	131.4	166.8	170.9	161.9	151.5	141.1	131.4
20	No.30-41 Haiphong Road	160.0	163.2	154.6	144.8	135.0	126.2	160.3	163.2	154.7	144.8	135.0	126.2	160.3	163.2	154.7	144.8	135.0	126.2
21	Imperial Building (facing Canton Road)	179.1	182.6	170.5	157.1	144.2	132.8	179.4	182.6	170.5	157.1	144.2	132.8	179.0	182.6	170.5	157.1	144.2	132.8
22	Imperial Building (facing KPDCP)	180.9	183.7	170.6	156.7	143.6	132.1	181.2	183.7	170.6	156.7	143.6	132.1	180.8	183.7	170.6	156.7	143.6	132.1
23	Ocean Centre, New T&T and World Commercial Center	180.1	159.5	152.8	144.9	136.7	128.8	180.1	159.5	152.8	144.9	136.7	128.8	180.1	159.5	152.8	144.9	136.7	128.8
24	Marco Polo Gateway Hotel	166.9	170.9	162.0	151.5	141.0	131.3	167.1	170.9	162.0	151.5	141.0	131.3	166.8	170.9	162.0	151.5	141.0	131.3
25	Harbour City & World Finance Center	181.0	184.7	172.4	158.4	144.8	133.0	181.3	184.7	172.4	158.4	144.8	133.0	180.9	184.7	172.4	158.4	144.8	133.0
26	Hanley Building (facing Canton Road)	188.8	191.3	176.5	160.7	145.8	133.1	189.1	191.3	176.5	160.7	145.8	133.1	188.7	191.3	176.5	160.7	145.8	133.1
27	Hanley Building (facing KPDCP)	192.8	192.5	174.9	158.7	144.0	131.7	193.2	192.5	174.9	158.7	144.0	131.7	192.8	192.5	174.9	158.7	144.0	131.7
28	The Marco Polo Prince Hotel	190.9	194.1	179.1	162.3	146.7	133.6	191.3	194.1	179.1	162.3	146.7	133.6	190.8	194.1	179.1	162.3	146.7	133.6
29	Manley Building	203.2	202.7	184.3	164.7	147.0	132.9	203.5	202.7	184.3	164.7	147.0	132.9	203.1	202.7	184.3	164.7	147.0	132.9
30	The Gateway	205.3	207.3	187.7	166.8	148.3	133.7	205.7	207.4	187.7	166.8	148.3	133.7	205.2	207.3	187.7	166.7	148.3	133.7
31	The Royal Pacific Hotel and Towers	224.0	223.9	197.3	170.7	149.1	133.3	224.5	223.9	197.3	170.7	149.1	133.3	223.9	223.9	197.3	170.7	149.1	133.3
32	China Hong Kong City	225.0	224.4	197.2	170.6	149.2	133.5	225.4	224.4	197.2	170.6	149.2	133.5	224.9	224.4	197.2	170.6	149.2	133.5
33	Tsim Sha Tsui Fire Station	288.4	271.9	215.9	174.9	148.5	131.6	289.0	271.9	215.9	174.9	148.5	131.6	288.3	271.9	215.9	174.9	148.5	131.6
34	FSD Kowloon South Divisional HQ	311.0	283.8	218.3	175.0	148.0	131.3	311.6	283.8	218.3	175.0	148.0	131.3	310.8	283.8	218.3	175.0	148.0	131.3
35	Canton Road Government School	277.1	256.0	198.0	159.7	137.3	129.6	277.6	256.0	198.0	159.7	137.3	129.6	277.0	256.0	198.0	159.7	137.3	129.6
36	Lai Chack Middle School	322.7	288.2	211.0	165.4	140.2	130.8	323.5	288.2	211.0	165.4	140.2	130.8	323.6	288.2	211.1	165.4	140.2	130.8
37	Victoria Tower	326.8	292.8	220.7	174.7	146.5	131.5	327.5	292.8	220.7	174.7	146.5	131.5	327.6	292.8	220.7	174.7	146.5	131.5
38	No.1-3A Austin Road, Wai On Building	223.4	214.4	177.0	151.3	137.0	126.2	223.9	214.4	177.0	151.3	137.0	126.2	223.7	214.4	177.0	151.3	137.0	126.2
39	The Harbour Side	149.8	150.2	140.4	129.6	119.6	115.6	149.7	150.2	140.4	129.6	119.6	115.6	149.7	150.2	140.4	129.6	119.6	115.6
40	The Waterfront	176.5	171.0	148.4	128.7	123.4	118.6	176.4	171.0	148.4	128.7	123.4	118.6	176.4	171.0	148.4	128.7	123.4	118.6
41	Sorrento	191.4	176.6	146.7	127.9	122.0	117.3	191.2	176.6	146.7	127.9	122.0	117.3	191.2	176.6	146.7	127.9	122.0	117.3
42	No.51 Jordan Road, Lee Kiu Building	191.2	175.7	156.6	137.1	125.8	121.6	191.3	175.7	156.6	137.2	125.8	121.6	191.5	175.7	156.6	137.1	125.8	121.6
43	New Headquarters for the Hong Kong Girl Guides Association with hostels	281.1	217.4	182.7	153.8	133.0	126.4	280.9	217.4	182.7	153.8	133.0	126.4	280.6	217.4	182.7	153.8	133.0	126.4
44	Man King Building	410.9	324.9	204.8	158.5	139.8	127.7	411.7	324.9	204.8	158.5	139.8	127.7	411.8	324.9	204.8	158.5	139.8	127.7
45	Yau Ma Tei Catholic Primary School	200.8	199.4	174.9	151.2	132.5	125.7	200.6	199.4	174.9	151.2	132.5	125.7	200.9	199.4	174.9	151.2	132.5	123.5
46	HKMA David Li Kwok Po College	235.2	200.8	177.5	153.8	134.5	125.4	236.2	200.8	177.5	153.8	134.5	125.4	235.1	200.8	177.5	153.8	134.5	124.2
47	Charming Garden	430.4	219.8	178.7	152.8	132.6	125.3	429.9	219.8	178.7	152.8	132.6	125.3	429.5	210.9	178.7	152.8	132.6	123.6
48	Park Avenue	173.2	163.8	154.3	143.2	132.4	122.9	173.1	163.8	154.3	143.2	132.4	122.8	173.1	163.8	154.3	143.2	132.4	122.9
49	Central Park	211.1	203.7	178.9	157.3	140.3	128.0	210.9	203.7	178.9	157.3	140.3	128.0	211.2	203.7	178.9	157.3	140.3	128.0
50	Island Harbourview	145.9	149.8	144.0	137.3	130.2	123.6	145.8	149.8	144.0	137.3	130.2	123.6	146.0	149.8	144.0	137.3	130.2	123.6
51	Olympian City One	164.4	168.1	157.9	146.4	135.5	126.2	164.3	168.1	157.9	146.4	135.5	126.2	164.5	168.1	157.9	146.4	135.5	126.2
52	HSBC Centre	279.3	233.1	195.7	166.8	146.4	132.0	279.8	233.1	195.7	166.8	146.4	132.0	279.5	233.1	195.7	166.8	146.4	132.0
53	Skyway House	260.9	246.0	198.0	165.9	145.6	131.9	261.2	246.0	198.0	165.9	145.6	131.9	260.8	246.0	198.0	165.9	145.6	131.9
54	Olympic Station Phase 3 Project and Olympian City Phase 3 (Under construction)	356.3	288.9	202.0	162.8	142.4	129.7	356.7	288.9	202.0	162.8	142.4	129.7	356.2	288.9	202.0	162.8	142.4	129.7
55	Tai Kok Tsui Catholic Primary School (Hoi Fan Road)	132.8	136.5	133.0	128.9	124.6	120.2	132.7	136.5	133.0	128.9	124.6	120.2	132.9	136.5	133.0	128.9	124.6	120.2
56	Sir Ellis Kadoorie Secondary School (West Kowloon)	130.4	133.9	130.8	127.1	123.2	119.2	130.3	133.9	130.8	127.1	123.2	119.2	130.4	133.9	130.8	127.1	123.2	119.2
57	West Kowloon Disciplined Services Quarters	144.8	147.2	139.7	131.4	124.5	119.9	144.7	147.2	139.7	131.4	124.5	119.9	144.8	147.2	139.7	131.4	124.5	119.9
58	Metro Harbourview (Under construction)	138.5	141.5	136.1	130.0	123.7	118.0	138.4	141.5	136.1	129.9	123.7	118.0	138.6	141.5	136.1	130.0	123.7	118.0
59	Nam Cheong Estate	155.3	159.7	152.2	143.7	135.2	127.5	155.4	159.7	152.2	143.7	135.2	127.5	155.2	159.7	152.2	143.7	135.2	127.5
60	Fu Cheong Estate	141.1	144.6	139.3	133.1	126.7	120.8	141.0	144.6	139.3	133.1	126.7	120.8	141.2	144.6	139.3	133.1	126.7	120.8
	Max. Concentration	**430.4**	**324.9**	**220.7**	**175.0**	**149.2**	**133.7**	**429.9**	**324.9**	**220.7**	**175.0**	**149.2**	**133.7**	**429.5**	**324.9**	**220.7**	**175.0**	**149.2**	**133.7**

Project : GSA 5100 KSL EIA and Associated Services
Title: Cumulative predicted 24-hour TSP concentrations for ASRs at different height above ground (With Background - Mitigated)
Option: Watering 4 times for FMPHQ (provided by CH12MHill) & 75%+ 50% mixed for KSL

		Predicted 24-hour TSP concentrations for ASRs at different height above ground																	
		Year 99						Year 2000						Year 2001					
ASR	Description	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0	1.5	5.0	10.0	15.0	20.0	25.0
1	New World Centre	118.2	115.7	109.2	105.4	103.4	102.5	109.2	108.4	105.9	104.5	103.6	102.8	107.0	106.5	105.9	105.1	104.3	103.4
2	New World Centre (The Amazon)	162.0	130.4	112.3	106.6	104.8	103.8	162.1	127.9	111.2	106.6	104.3	103.0	153.5	121.6	111.4	108.5	106.3	104.7
3	Sheraton Hong Kong Hotel	221.7	137.6	115.2	106.8	104.6	103.9	209.5	140.1	112.7	106.1	103.9	103.0	223.1	138.5	112.9	106.7	105.5	104.3
4	The Peninsula Hotel	174.7	134.5	112.4	108.3	107.1	105.9	179.6	139.0	110.9	106.0	104.8	103.8	175.5	125.8	107.8	105.9	104.7	103.6
5	Hong Kong Space Museum	169.1	130.3	114.6	110.2	107.8	106.2	168.7	132.2	112.6	108.0	105.6	104.1	169.7	133.0	112.6	108.8	106.1	104.2
6	YMCA of Hong Kong	201.6	142.8	115.2	110.1	108.3	106.8	216.0	149.3	114.4	107.0	105.4	104.2	194.3	135.3	110.5	105.5	104.3	103.2
7	Old Fire Station Building	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Hong Kong Cultural Centre	170.5	153.9	126.8	114.9	110.3	107.7	165.2	143.4	120.9	111.6	107.9	105.7	167.0	144.6	120.1	110.1	106.2	104.2
9	Star House	162.4	156.2	119.9	110.1	107.2	105.7	161.6	157.2	120.4	108.6	106.3	104.8	164.3	160.4	120.0	108.2	105.1	103.9
10	The Marco Polo Hong Kong Hotel	150.3	123.8	111.4	109.9	108.3	106.8	125.6	113.5	108.9	107.6	106.2	104.8	154.7	124.0	108.8	105.8	104.8	103.9
11	Former Marine Police Headquarters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Hankow Centre	144.1	132.5	112.4	109.7	108.2	106.8	144.9	132.8	112.8	106.6	105.4	104.2	143.1	131.7	111.5	105.6	104.4	103.3
13	No.1 Peking Road	181.9	140.0	111.8	110.3	108.7	107.1	188.3	125.5	109.9	107.7	106.3	104.9	190.3	142.7	113.1	105.5	104.5	103.6
14	Consumer Education Information Centre	142.3	134.2	112.5	110.4	108.8	107.2	146.1	136.5	113.6	107.0	105.7	104.4	146.7	138.5	112.2	105.5	104.3	103.2
15	No. 11-39 Ashley Road	123.2	117.8	113.5	111.7	109.8	107.9	120.0	115.4	109.9	108.3	106.7	105.1	117.2	113.5	109.4	107.7	106.0	104.4
16	No.2-12 Canton Road	155.1	128.2	112.5	110.8	109.1	107.4	155.8	119.6	109.5	108.1	106.6	105.1	164.4	135.7	114.9	105.5	104.6	103.7
17	No.4-8 Canton Road	132.5	121.4	113.0	111.3	109.4	107.6	133.2	116.9	109.9	108.4	106.8	105.3	147.9	130.5	114.2	106.0	104.7	103.8
18	Lippo Sun Plaza	119.5	115.6	114.0	112.1	110.0	108.1	118.1	112.5	110.6	109.0	107.2	105.6	130.8	122.9	112.2	106.0	104.9	104.0
19	Silvercord Centre	116.8	118.0	116.0	113.6	111.2	108.9	112.9	113.8	112.1	110.1	108.0	106.1	116.0	113.7	108.8	106.7	105.5	104.4
20	No.30-41 Haiphong Road	114.5	115.6	113.9	112.0	109.9	107.9	112.4	112.8	111.1	109.2	107.2	105.5	113.7	114.4	112.4	110.1	107.7	105.6
21	Imperial Building (facing Canton Road)	120.6	121.8	119.0	115.9	112.8	109.9	115.8	116.7	114.3	111.6	109.0	106.7	110.4	110.8	109.3	107.7	106.2	104.9
22	Imperial Building (facing KPDCP)	121.4	122.5	119.5	116.2	113.0	110.1	116.1	116.8	114.2	111.5	108.9	106.7	110.4	110.7	109.0	107.4	105.9	104.6
23	Ocean Centre, New T&T and World Commercial Center	116.9	114.5	113.0	111.3	109.4	107.6	111.3	111.5	110.2	108.6	107.0	105.4	122.5	117.2	109.6	106.2	105.2	104.2
24	Marco Polo Gateway Hotel	116.8	118.0	116.0	113.6	111.1	108.8	113.3	114.2	112.4	110.3	108.2	106.2	110.4	110.0	108.8	107.4	106.0	104.8
25	Harbour City & World Finance Center	121.4	122.5	119.5	116.2	112.9	110.0	117.1	117.8	115.1	112.2	109.4	106.9	112.2	112.5	110.6	108.7	107.0	105.4
26	Hanley Building (facing Canton Road)	123.9	124.8	121.2	117.4	113.8	110.6	118.4	118.9	115.9	112.7	109.7	107.1	112.6	112.6	110.4	108.5	106.7	105.2
27	Hanley Building (facing KPDCP)	125.5	125.9	121.7	117.7	113.9	110.7	118.9	119.1	115.6	112.4	109.4	106.9	113.2	113.2	110.6	108.3	106.4	105.0
28	The Marco Polo Prince Hotel	125.0	125.6	121.8	117.8	114.0	110.6	121.0	120.6	116.9	113.4	110.1	107.3	115.1	114.4	111.9	109.6	107.5	105.7
29	Manley Building	130.9	129.4	124.4	119.5	115.0	111.3	124.2	122.5	118.2	114.1	110.4	107.4	120.1	115.9	112.2	109.6	107.4	105.6
30	The Gateway	128.9	129.5	124.8	119.8	115.2	111.4	122.7	123.2	119.1	114.7	110.8	107.7	119.5	116.3	113.4	110.7	108.2	106.1
31	The Royal Pacific Hotel and Towers	134.1	134.7	128.5	122.0	116.4	112.1	127.0	127.2	121.7	116.1	111.5	108.1	119.2	119.3	115.7	112.0	109.0	106.6
32	China Hong Kong City	135.3	135.7	129.0	122.2	116.5	112.2	128.9	128.9	122.7	116.7	111.9	108.5	123.9	123.5	118.4	113.6	109.9	107.2
33	Tsim Sha Tsui Fire Station	156.8	153.1	138.1	126.7	118.9	113.5	146.8	142.9	129.4	119.8	113.6	109.5	141.1	136.8	124.9	116.6	111.5	108.6
34	FSD Kowloon South Divisional HQ	167.3	159.6	140.6	127.8	119.4	113.8	157.5	149.3	131.7	120.9	114.2	109.9	153.1	144.1	127.4	117.8	112.2	109.0
35	Canton Road Government School	162.5	157.5	139.9	126.9	118.7	113.2	150.8	145.9	130.5	119.9	113.3	109.1	149.1	143.3	127.6	117.0	110.8	108.0
36	Lai Chack Middle School	168.7	161.1	140.6	127.0	118.7	113.2	158.9	150.9	131.9	120.3	113.5	109.2	159.0	150.0	130.1	118.2	111.5	108.3
37	Victoria Tower	154.5	148.5	133.5	123.4	116.6	112.0	173.8	155.6	130.2	119.5	113.3	109.2	154.4	146.8	130.2	119.3	112.4	108.6
38	No.1-3A Austin Road, Wai On Building	135.4	128.7	117.8	114.0	110.7	108.1	145.2	142.3	129.7	119.3	112.3	108.2	133.2	127.0	118.9	112.3	109.2	107.1
39	The Harbour Side	117.6	116.6	114.0	110.9	108.8	107.4	118.6	117.4	114.2	111.9	110.4	108.9	121.8	121.4	116.4	112.3	109.0	106.6
40	The Waterfront	130.6	128.8	120.9	115.4	111.8	109.1	132.1	129.2	122.9	119.0	115.1	111.6	135.5	132.7	123.0	115.7	110.9	107.5
41	Sorrento	138.3	133.1	120.8	115.5	111.4	108.4	138.5	133.3	124.5	119.1	114.6	111.0	143.9	137.5	123.4	116.0	110.8	107.0
42	No.51 Jordan Road, Lee Kiu Building	134.4	127.6	117.7	111.2	106.9	105.1	135.0	127.8	121.4	115.0	109.8	106.1	134.7	129.0	116.9	109.3	107.0	105.2
43	New Headquarters for the Hong Kong Girl Guides Association with hostels	181.0	147.2	124.4	117.8	112.7	108.9	179.1	147.5	130.3	117.5	111.0	107.9	172.9	147.0	122.3	114.2	110.2	107.5
44	Man King Building	233.3	178.5	145.9	127.7	117.4	111.2	235.1	177.2	137.3	120.6	112.4	108.1	245.4	166.1	133.9	120.4	113.1	108.6
45	Yau Ma Tei Catholic Primary School	137.0	135.8	126.7	118.5	112.4	108.6	136.5	135.4	126.4	118.0	112.3	108.5	130.1	129.1	123.1	117.3	112.7	109.3
46	HKMA David Li Kwok Po College	132.2	131.3	123.5	116.4	111.2	108.1	132.0	131.2	123.5	117.3	112.4	108.6	128.5	128.0	122.4	116.7	112.3	109.1
47	Charming Garden	202.8	149.4	120.3	114.6	110.2	107.0	196.3	144.6	126.6	119.0	113.0	108.6	176.6	133.5	123.3	117.2	112.3	108.7
48	Park Avenue	122.0	122.2	117.8	113.5	110.0	107.3	119.9	120.0	116.7	113.3	110.7	108.2	125.5	124.5	117.8	112.3	109.7	107.6
49	Central Park	138.5	132.9	120.7	113.9	109.1	105.9	138.3	135.8	126.2	117.7	111.7	107.6	144.5	136.3	124.1	116.8	111.9	108.6
50	Island Harbourview	116.1	113.3	107.6	105.2	103.8	102.7	115.6	114.2	108.9	106.2	104.3	102.6	116.3	113.6	108.1	106.8	105.5	104.3
51	Olympian City One	127.7	117.7	110.2	106.0	104.2	102.9	126.5	119.3	112.5	107.2	103.5	101.9	127.7	119.8	110.9	108.9	107.2	105.6
52	HSBC Centre	174.0	138.8	119.5	110.7	106.3	104.5	175.8	147.9	125.0	113.8	108.4	105.3	186.0	142.2	124.5	115.6	110.8	107.9
53	Skyway House	165.4	139.2	119.8	110.3	106.3	104.1	164.3	147.2	124.5	113.2	107.8	104.9	177.4	143.2	123.6	115.0	110.4	107.6
54	Olympic Station Phase 3 Project and Olympian City Phase 3 (Under construction)	191.9	142.6	116.8	109.5	106.0	103.9	190.9	150.2	119.1	109.4	105.6	103.5	211.2	149.9	124.6	115.2	110.4	107.4
55	Tai Kok Tsui Catholic Primary School (Hoi Fan Road)	112.9	111.3	107.6	105.1	102.9	101.9	113.3	112.0	107.2	103.6	102.2	101.4	111.8	110.4	105.9	104.7	103.9	103.1
56	Sir Ellis Kadoorie Secondary School (West Kowloon)	109.3	108.3	106.3	104.3	102.6	101.8	111.2	110.2	106.4	103.2	101.9	101.3	106.8	106.1	105.0	104.3	103.6	102.8
57	West Kowloon Disciplined Services Quarters	114.2	114.4	111.4	108.3	105.9	104.5	113.2	113.6	111.9	109.9	108.0	106.2	116.0	116.1	112.4	109.0	107.1	105.5
58	Metro Harbourview (Under construction)	111.4	111.8	109.8	107.6	105.6	104.0	110.6	111.0	109.5	108.1	106.6	105.3	111.1	111.5	109.3	107.8	106.3	105.0
59	Nam Cheong Estate	110.5	110.5	108.1	106.3	104.8	103.4	112.9	113.4	111.1	108.6	106.4	104.6	113.7	114.2	111.6	109.0	106.8	105.1
60	Fu Cheong Estate	102.5	103.0	102.6	102.2	101.8	101.3	103.3	103.7	103.2	102.5	101.8	101.1	106.5	107.3	106.5	105.6	104.7	103.8
	Max. Concentration	**233.3**	**178.5**	**145.9**	**127.8**	**119.4**	**113.8**	**235.1**	**177.2**	**137.3**	**120.9**	**115.1**	**111.6**	**245.4**	**166.1**	**133.9**	**120.4**	**113.1**	**109.3**