

Appendix 3.5 Tier 2 Data Input at the end of Year 2015 for ASR P01d-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
1	Area	TE1	0.000019879	835307.5	818127.9	65.0	15.0	0.0	-86.0	Heavy construction (WKCD)
2	Area	TE1	0.00002696	835307.5	818127.9	65.0	15.0	0.0	-86.0	Wind erosion (WKCD)
3	Area	TE2	0.000019879	835215.2	818134.0	121.9	15.3	0.0	-86.0	Heavy construction (WKCD)
4	Area	TE2	0.00002696	835215.2	818134.0	121.9	15.3	0.0	-86.0	Wind erosion (WKCD)
5	Area	TE3	0.000019879	835223.1	818049.3	48.0	11.3	0.0	-86.0	Heavy construction (WKCD)
6	Area	TE3	0.00002696	835223.1	818049.3	48.0	11.3	0.0	-86.0	Wind erosion (WKCD)
7	Area	TE4	0.000019879	835161.6	818126.8	115.0	33.4	0.0	-86.0	Heavy construction (WKCD)
8	Area	TE4	0.00002696	835161.6	818126.8	115.0	33.4	0.0	-86.0	Wind erosion (WKCD)
9	Area	TE5	0.000019879	835196.1	818084.1	81.1	29.6	0.0	-86.0	Heavy construction (WKCD)
10	Area	TE5	0.00002696	835196.1	818084.1	81.1	29.6	0.0	-86.0	Wind erosion (WKCD)
11	Area	TE6	0.000019879	834536.3	818125.8	10.0	10.0	0.0	-86.0	Heavy construction (WKCD)
12	Area	TE6	0.00002696	834536.3	818125.8	10.0	10.0	0.0	-86.0	Wind erosion (WKCD)
13	Area	TE7	0.000019879	834225.5	817819.4	35.0	15.0	0.0	0.0	Heavy construction (WKCD)
14	Area	TE7	0.00002696	834225.5	817819.4	35.0	15.0	0.0	0.0	Wind erosion (WKCD)
15	Area	TE8	0.000019879	835130.1	818002.1	258.8	19.6	0.0	7.0	Heavy construction (WKCD)
16	Area	TE8	0.00002696	835130.1	818002.1	258.8	19.6	0.0	7.0	Wind erosion (WKCD)
17	Area	TE9	0.000019879	834940.1	817976.2	125.8	16.5	0.0	10.2	Heavy construction (WKCD)
18	Area	TE9	0.00002696	834940.1	817976.2	125.8	16.5	0.0	10.2	Wind erosion (WKCD)
19	Area	EB1	0.000019879	834306.9	818306.0	22.6	15.7	0.0	-35.0	Heavy construction (WKCD)
20	Area	EB1	0.00002696	834306.9	818306.0	22.6	15.7	0.0	-35.0	Wind erosion (WKCD)
21	Area	EB2	0.000019879	834430.0	818240.2	19.1	14.0	0.0	-35.5	Heavy construction (WKCD)
22	Area	EB2	0.00002696	834430.0	818240.2	19.1	14.0	0.0	-35.5	Wind erosion (WKCD)
23	Area	EB3	0.000019879	834488.0	818525.7	14.4	12.0	0.0	-22.4	Heavy construction (WKCD)
24	Area	EB3	0.00002696	834488.0	818525.7	14.4	12.0	0.0	-22.4	Wind erosion (WKCD)
25	Area	EB4	0.000019879	835360.4	818024.9	33.2	16.2	0.0	5.0	Heavy construction (WKCD)
26	Area	EB4	0.00002696	835360.4	818024.9	33.2	16.2	0.0	5.0	Wind erosion (WKCD)
27	Area	EB5	0.000019879	834573.8	818490.4	32.8	11.9	0.0	-22.4	Heavy construction (WKCD)
28	Area	EB5	0.00002696	834573.8	818490.4	32.8	11.9	0.0	-22.4	Wind erosion (WKCD)
29	Point	EP1	0.016666667	835199.6	818095.5	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
30	Point	EP2	0.016666667	835197.6	818087.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
31	Point	EP3	0.000229840	835198.7	818094.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
32	Point	EP4	0.000229840	835196.5	818085.7	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
33	Point	EP5	0.010833334	835205.4	818088.9	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
34	Point	EP6	0.010833334	835207.0	818095.3	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
35	Point	EP7	0.010833334	835194.8	818092.4	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
36	Point	EP8	0.010833334	835205.8	818083.0	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
37	Point	EP9	0.001635902	835122.6	818097.6	0.0	0.0	4.0	0.0	Concrete batching plant (WKCD)
38	Point	EP10	0.001635902	834584.4	817939.9	0.0	0.0	7.0	0.0	Concrete batching plant (WKCD)
39	Area	EP11-1	0.000163385	834978.3	818020.7	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
40	Area	EP11-2	0.000163385	835007.6	818027.3	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
41	Area	EP11-3	0.000163385	835032.4	818033.9	3.0	20.8	0.5	12.7	Haul road to concrete batching plant (WKCD)
42	Area	EP11-4	0.000163385	835050.1	818040.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
43	Area	EP11-5	0.000163385	835079.9	818044.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
44	Area	EP11-6	0.000163385	835109.6	818048.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
45	Area	EP11-7	0.000163385	835139.4	818052.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
46	Area	EP11-8	0.000163385	835169.2	818056.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
47	Area	EP11-9	0.000163385	835186.0	818066.7	3.0	30.0	0.5	8.2	Haul road to concrete batching plant (WKCD)
48	Area	EP11-10	0.000163385	835219.2	818062.5	3.0	9.1	0.5	8.2	Haul road to concrete batching plant (WKCD)
49	Area	EP11-11	0.000163385	835239.5	818023.8	3.0	20.0	0.5	75.6	Haul road to concrete batching plant (WKCD)
50	Area	EP11-12	0.000163385	835232.0	818033.9	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
51	Area	EP11-13	0.000163385	835229.6	818063.7	3.0	21.7	0.5	96.1	Haul road to concrete batching plant (WKCD)
52	Area	EP11-14	0.000163385	835228.9	818089.7	3.0	8.1	0.5	86.3	Haul road to concrete batching plant (WKCD)
53	Area	EP11-15	0.000163385	835244.5	818102.7	3.0	30.0	0.5	75.2	Haul road to concrete batching plant (WKCD)
54	Area	EP11-16	0.000163385	835241.5	818131.7	3.0	8.2	0.5	75.2	Haul road to concrete batching plant (WKCD)
55	Area	EP12-1	0.000142480	834909.9	818016.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
56	Area	EP12-2	0.000142480	834939.8	818019.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
57	Area	EP12-3	0.000142480	834951.0	818024.2	3.0	8.4	0.5	3.0	Haul road to concrete batching plant (WKCD)
58	Area	EP12-4	0.000142480	834765.2	817997.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
59	Area	EP12-5	0.000142480	834795.0	818001.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
60	Area	EP12-6	0.000142480	834824.7	818005.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
61	Area	EP12-7	0.000142480	834854.4	818010.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
62	Area	EP12-8	0.000142480	834895.8	818015.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
63	Area	EP12-9	0.000142480	834649.8	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
64	Area	EP12-10	0.000142480	834679.7	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
65	Area	EP12-11	0.000142480	834709.5	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
66	Area	EP12-12	0.000142480	834739.4	817995.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
67	Area	EP12-13	0.000142480	834759.9	817997.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
68	Area	EP12-14	0.000142480	834600.6	817981.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
69	Area	EP12-15	0.000142480	834626.0	817984.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
70	Area	EP13-1	0.000063499	834897.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
71	Area	EP13-2	0.000063499	834898.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
72	Area	EP13-3	0.000063499	834898.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
73	Area	EP13-4	0.000063499	834899.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
74	Area	EP13-5	0.000063499	834899.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
75	Area	EP13-6	0.000063499	834897.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
76	Area	EP14-1	0.00008362	835223.4	818149.1	3.0	19.1	0.5	11.6	Haul road to concrete batching plant (WKCD)
77	Area	EP14-2	0.00008362	835210.1	818188.3	3.0	21.0	0.5	71.7	Haul road to concrete batching plant (WKCD)
78	Area	EP14-3	0.00008362	835204.0	818136.5	3.0	19.3	0.5	13.9	Haul road to concrete batching plant (WKCD)
79	Area	EP15-1	0.000039954	835212.7	818158.4	3.0	19.3	0.5	1.8	Haul road to concrete batching plant (WKCD)
80	Area	EP15-2	0.000039954	835220.7	818146.6	3.0	19.6	0.5	24.3	Haul road to concrete batching plant (WKCD)
81	Area	EP16-1	0.000017038	835211.8	818147.7	3.0	30.0	0.5	13.8	Haul road to concrete batching plant (WKCD)
82	Area	EP16-2	0.000017038	835205.7	818187.3	3.0	25.9	0.5	77.2	Haul road to concrete batching plant (WKCD)
83	Area	EP17-1	0.000008520	835213.0	818125.9	3.0	19.9	0.5	19.8	Haul road to concrete batching plant (WKCD)
84	Area	EP17-2	0.000008520	835195.8	818120.1	3.0	23.0	0.5	15.3	Haul road to concrete batching plant (WKCD)
85	Area	EP18-1	0.000061220	834979.0	818017.8	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
86	Area	EP18-2	0.000061220	835008.3	818024.4	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2015 for ASR P01d-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
87	Area	EP18-3	0.000061220	835032.8	818031.0	3.0	20.5	0.5	12.7	Haul road to concrete batching plant (WKCD)
88	Area	EP18-4	0.000061220	835050.5	818037.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
89	Area	EP18-5	0.000061220	835080.3	818041.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
90	Area	EP18-6	0.000061220	835110.0	818045.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
91	Area	EP18-7	0.000061220	835139.8	818049.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
92	Area	EP18-8	0.000061220	835169.5	818053.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
93	Area	EP18-9	0.000061220	835185.0	818063.9	3.0	30.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
94	Area	EP18-10	0.000061220	835218.7	818059.5	3.0	11.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
95	Area	EP18-11	0.000061220	835243.4	818020.4	3.0	23.2	0.5	75.6	Haul road to concrete batching plant (WKCD)
96	Area	EP18-12	0.000061220	835235.0	818033.7	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
97	Area	EP18-13	0.000061220	835232.5	818063.5	3.0	22.2	0.5	96.1	Haul road to concrete batching plant (WKCD)
98	Area	EP18-14	0.000061220	835232.6	818089.9	3.0	7.0	0.5	86.5	Haul road to concrete batching plant (WKCD)
99	Area	EP18-15	0.000061220	834910.3	818013.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
100	Area	EP18-16	0.000061220	834940.1	818016.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
101	Area	EP18-17	0.000061220	834959.7	818019.9	3.0	8.7	0.5	6.0	Haul road to concrete batching plant (WKCD)
102	Area	EP19-1	0.000054404	834795.6	817994.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
103	Area	EP19-2	0.000054404	834795.3	817998.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
104	Area	EP19-3	0.000054404	834825.0	818003.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
105	Area	EP19-4	0.000054404	834854.8	818007.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
106	Area	EP19-5	0.000054404	834884.0	818011.1	3.0	12.3	0.5	7.8	Haul road to concrete batching plant (WKCD)
107	Area	EP19-6	0.000054404	834650.1	817983.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
108	Area	EP19-7	0.000054404	834680.0	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
109	Area	EP19-8	0.000054404	834709.8	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
110	Area	EP19-9	0.000054404	834739.7	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
111	Area	EP19-10	0.000054404	834760.2	817994.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
112	Area	EP19-11	0.000054404	834600.9	817978.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
113	Area	EP19-12	0.000054404	834626.3	817981.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
114	Area	EP20-1	0.000023102	834900.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
115	Area	EP20-2	0.000023102	834901.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
116	Area	EP20-3	0.000023102	834901.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
117	Area	EP20-4	0.000023102	834902.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
118	Area	EP20-5	0.000023102	834902.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
119	Area	EP20-6	0.000023102	834900.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
120	Area	EP21-1	0.000002727	835222.1	818158.9	3.0	20.1	0.5	31.8	Haul road to concrete batching plant (WKCD)
121	Area	EP21-2	0.000002727	835202.8	818136.3	3.0	10.2	0.5	13.9	Haul road to concrete batching plant (WKCD)
122	Area	EP22-1	0.000015247	835212.1	818138.2	3.0	19.3	0.5	35.7	Haul road to concrete batching plant (WKCD)
123	Area	EP22-2	0.000015247	835219.6	818178.4	3.0	22.3	0.5	55.1	Haul road to concrete batching plant (WKCD)
124	Area	EP23-1	0.000003258	835203.7	818113.6	3.0	7.8	0.5	46.4	Haul road to concrete batching plant (WKCD)
125	Area	EP23-2	0.000003258	835212.2	818144.1	3.0	15.9	0.5	8.0	Haul road to concrete batching plant (WKCD)
126	Area	EP23-3	0.000003258	835195.1	818122.7	3.0	22.9	0.5	9.5	Haul road to concrete batching plant (WKCD)
127	Line	HR7A3	0.000000001	835002.8	818127.3	835002.8	817987.3	0.5	6.0	Haul Road to Barging Points (WKCD)
128	Line	HR7B	0.000000001	834964.1	817983.2	834895.8	817976.0	0.5	6.0	Haul Road to Barging Points (WKCD)
129	Line	HR7C 1	0.000000001	834943.9	818149.5	834941.6	817980.9	0.5	6.0	Haul Road to Barging Points (WKCD)
130	Line	HR8A	0.000000001	834895.8	817976.0	834764.7	817958.0	0.5	6.0	Haul Road to Barging Points (WKCD)
131	Line	HR8B	0.000000001	834767.7	817958.0	834637.5	817945.4	0.5	6.0	Haul Road to Barging Points (WKCD)
132	Line	HR9	0.000000001	834637.5	817945.4	834588.3	817940.5	0.5	6.0	Haul Road to Barging Points (WKCD)
133	Line	HR10A	0.000000001	834588.3	817940.5	834519.6	817934.4	0.5	6.0	Haul Road to Barging Points (WKCD)
134	Line	HR10B	0.000000001	834519.6	817934.4	834425.8	817897.2	0.5	6.0	Haul Road to Barging Points (WKCD)
135	Line	HR10C	0.000000001	834425.8	817897.2	834389.4	817855.7	0.5	6.0	Haul Road to Barging Points (WKCD)
136	Line	HR11	0.000000001	834389.4	817855.7	834313.9	817770.0	0.5	6.0	Haul Road to Barging Points (WKCD)
137	Line	HR12A	0.000000001	834313.9	817770.0	834289.8	817763.6	0.5	6.0	Haul Road to Barging Points (WKCD)
138	Point	BP4	0.004266640	834640.0	817930.5	0.0	0.0	0.5	0.0	Barging Point (WKCD)
139	Point	BP5	0.004266640	834591.9	817924.0	0.0	0.0	0.5	0.0	Barging Point (WKCD)
140	Point	BP6	0.004266640	834397.5	817847.6	0.0	0.0	0.5	0.0	Barging Point (WKCD)
141	Point	BP7	0.004266640	834328.6	817755.8	0.0	0.0	0.5	0.0	Barging Point (WKCD)
144	Area	FF1	0.000029937	835264.6	818400.0	19.1	3.5	0.0	26.4	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
145	Area	FF1	0.000002696	835264.6	818400.0	19.1	3.5	0.0	26.4	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
146	Area	FF2	0.000029937	835287.4	818403.3	29.7	5.0	0.0	-19.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
147	Area	FF2	0.000002696	835287.4	818403.3	29.7	5.0	0.0	-19.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
148	Area	FF3	0.000029937	835310.6	818358.6	85.7	4.0	0.0	-75.7	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
149	Area	FF3	0.000002696	835310.6	818358.6	85.7	4.0	0.0	-75.7	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
150	Area	FF4	0.000029937	835341.7	818274.8	92.0	21.8	0.0	-75.7	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
151	Area	FF4	0.000002696	835341.7	818274.8	92.0	21.8	0.0	-75.7	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)

Appendix 3.5 Tier 2 Data Input at the end of Year 2015 for ASR P01d-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
152	Area	FF5	0.000029937	835323.0	818233.4	30.1	25.1	0.0	4.2	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
153	Area	FF5	0.000002696	835323.0	818233.4	30.1	25.1	0.0	4.2	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
154	Area	FF6	0.000029937	835331.4	818207.7	44.8	10.9	0.0	4.3	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
155	Area	FF6	0.000002696	835331.4	818207.7	44.8	10.9	0.0	4.3	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
156	Area	FF7	0.000029937	835334.3	818151.0	101.1	17.0	0.0	84.5	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
157	Area	FF7	0.000002696	835334.3	818151.0	101.1	17.0	0.0	84.5	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
158	Area	FF8	0.000029937	835335.0	818074.9	48.6	12.6	0.0	-81.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
159	Area	FF8	0.000002696	835335.0	818074.9	48.6	12.6	0.0	-81.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
160	Area	FF9	0.000029937	835267.6	818533.5	3.0	3.0	0.0	90.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
161	Area	FF9	0.000002696	835267.6	818533.5	3.0	3.0	0.0	90.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
162	Area	AA9	0.000029937	834646.0	818747.7	65.6	13.2	0.0	70.8	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
163	Area	AA9	0.000002696	834646.0	818747.7	65.6	13.2	0.0	70.8	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
164	Area	AA10	0.000029937	834601.8	818627.1	191.9	21.2	0.0	67.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
165	Area	AA10	0.000002696	834601.8	818627.1	191.9	21.2	0.0	67.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
166	Area	AA11	0.000029937	834553.7	818489.5	98.1	24.2	0.0	78.1	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
167	Area	AA11	0.000002696	834553.7	818489.5	98.1	24.2	0.0	78.1	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
168	Area	AA12	0.000029937	834491.6	818452.8	216.7	18.2	0.0	60.3	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)
169	Area	AA12	0.000002696	834491.6	818452.8	216.7	18.2	0.0	60.3	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJ)

Appendix 3.5 Tier 2 Data Input at the end of Year 2015 for ASR P53-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
1	Area	Te1	0.000019879	835231.1	818122.6	65.0	15.0	0.0	-86.0	Heavy construction (WKCD)
2	Area	Te1	0.000002696	835231.1	818122.6	65.0	15.0	0.0	-86.0	Wind erosion (WKCD)
3	Area	Te2	0.000019879	834440.7	817947.4	41.2	22.3	0.0	4.0	Heavy construction (WKCD)
4	Area	Te2	0.000002696	834440.7	817947.4	41.2	22.3	0.0	4.0	Wind erosion (WKCD)
5	Area	Te3	0.000019879	834577.2	817960.0	232.9	28.5	0.0	4.0	Heavy construction (WKCD)
6	Area	Te3	0.000002696	834577.2	817960.0	232.9	28.5	0.0	4.0	Wind erosion (WKCD)
7	Area	Te4	0.000019879	834385.9	817959.7	10.0	10.0	0.0	-86.0	Heavy construction (WKCD)
8	Area	Te4	0.000002696	834385.9	817959.7	10.0	10.0	0.0	-86.0	Wind erosion (WKCD)
9	Area	Te5	0.000019879	833981.7	817816.7	74.0	14.0	0.0	-51.7	Heavy construction (WKCD)
10	Area	Te5	0.000002696	833981.7	817816.7	74.0	14.0	0.0	-51.7	Wind erosion (WKCD)
11	Area	Te6	0.000019879	834348.8	817811.0	165.0	24.4	0.0	48.8	Heavy construction (WKCD)
12	Area	Te6	0.000002696	834348.8	817811.0	165.0	24.4	0.0	48.8	Wind erosion (WKCD)
13	Area	Te7	0.000019879	834292.5	817930.9	124.1	15.0	0.0	0.0	Heavy construction (WKCD)
14	Area	Te7	0.000002696	834292.5	817930.9	124.1	15.0	0.0	0.0	Wind erosion (WKCD)
15	Area	EB1	0.000019879	834306.9	818306.0	22.6	15.7	0.0	-35.0	Heavy construction (WKCD)
16	Area	EB1	0.000002696	834306.9	818306.0	22.6	15.7	0.0	-35.0	Wind erosion (WKCD)
17	Area	EB2	0.000019879	834430.0	818240.2	19.1	14.0	0.0	-35.5	Heavy construction (WKCD)
18	Area	EB2	0.000002696	834430.0	818240.2	19.1	14.0	0.0	-35.5	Wind erosion (WKCD)
19	Area	EB3	0.000019879	834488.0	818525.7	14.4	12.0	0.0	-22.4	Heavy construction (WKCD)
20	Area	EB3	0.000002696	834488.0	818525.7	14.4	12.0	0.0	-22.4	Wind erosion (WKCD)
21	Area	EB4	0.000019879	835360.4	818024.9	33.2	16.2	0.0	5.0	Heavy construction (WKCD)
22	Area	EB4	0.000002696	835360.4	818024.9	33.2	16.2	0.0	5.0	Wind erosion (WKCD)
23	Area	EB5	0.000019879	834573.8	818490.4	32.8	11.9	0.0	-22.4	Heavy construction (WKCD)
24	Area	EB5	0.000002696	834573.8	818490.4	32.8	11.9	0.0	-22.4	Wind erosion (WKCD)
25	Point	EP1	0.016666667	835199.6	818095.5	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
26	Point	EP2	0.016666667	835197.6	818087.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
27	Point	EP3	0.000229840	835198.7	818094.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
28	Point	EP4	0.000229840	835196.5	818085.7	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
29	Point	EP5	0.010833334	835205.4	818088.9	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
30	Point	EP6	0.010833334	835207.0	818095.3	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
31	Point	EP7	0.010833334	835194.8	818092.4	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
32	Point	EP8	0.010833334	835205.8	818083.0	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
33	Point	EP9	0.001635902	835122.6	818097.6	0.0	0.0	4.0	0.0	Concrete batching plant (WKCD)
34	Point	EP10	0.001635902	834584.4	817939.9	0.0	0.0	7.0	0.0	Concrete batching plant (WKCD)
35	Area	EP11-1	0.000163385	834978.3	818020.7	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
36	Area	EP11-2	0.000163385	835007.6	818027.3	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
37	Area	EP11-3	0.000163385	835032.4	818033.9	3.0	20.8	0.5	12.7	Haul road to concrete batching plant (WKCD)
38	Area	EP11-4	0.000163385	835050.1	818040.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
39	Area	EP11-5	0.000163385	835079.9	818044.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
40	Area	EP11-6	0.000163385	835109.6	818048.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
41	Area	EP11-7	0.000163385	835139.4	818052.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
42	Area	EP11-8	0.000163385	835169.2	818056.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
43	Area	EP11-9	0.000163385	835186.0	818066.7	3.0	30.0	0.5	8.2	Haul road to concrete batching plant (WKCD)
44	Area	EP11-10	0.000163385	835219.2	818062.5	3.0	9.1	0.5	8.2	Haul road to concrete batching plant (WKCD)
45	Area	EP11-11	0.000163385	835239.5	818023.8	3.0	20.0	0.5	75.6	Haul road to concrete batching plant (WKCD)
46	Area	EP11-12	0.000163385	835232.0	818033.9	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
47	Area	EP11-13	0.000163385	835229.6	818063.7	3.0	21.7	0.5	96.1	Haul road to concrete batching plant (WKCD)
48	Area	EP11-14	0.000163385	835228.9	818089.7	3.0	8.1	0.5	86.3	Haul road to concrete batching plant (WKCD)
49	Area	EP11-15	0.000163385	835244.5	818102.7	3.0	30.0	0.5	75.2	Haul road to concrete batching plant (WKCD)
50	Area	EP11-16	0.000163385	835241.5	818131.7	3.0	8.2	0.5	75.2	Haul road to concrete batching plant (WKCD)
51	Area	EP12-1	0.000142480	834909.9	818016.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
52	Area	EP12-2	0.000142480	834939.8	818019.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
53	Area	EP12-3	0.000142480	834951.0	818024.2	3.0	8.4	0.5	3.0	Haul road to concrete batching plant (WKCD)
54	Area	EP12-4	0.000142480	834765.2	817997.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
55	Area	EP12-5	0.000142480	834795.0	818001.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
56	Area	EP12-6	0.000142480	834824.7	818005.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
57	Area	EP12-7	0.000142480	834854.4	818010.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
58	Area	EP12-8	0.000142480	834895.8	818015.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
59	Area	EP12-9	0.000142480	834649.8	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
60	Area	EP12-10	0.000142480	834679.7	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
61	Area	EP12-11	0.000142480	834709.5	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
62	Area	EP12-12	0.000142480	834739.4	817995.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
63	Area	EP12-13	0.000142480	834759.9	817997.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
64	Area	EP12-14	0.000142480	834600.6	817981.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
65	Area	EP12-15	0.000142480	834626.0	817984.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
66	Area	EP13-1	0.000063499	834897.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
67	Area	EP13-2	0.000063499	834898.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
68	Area	EP13-3	0.000063499	834898.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
69	Area	EP13-4	0.000063499	834899.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
70	Area	EP13-5	0.000063499	834899.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
71	Area	EP13-6	0.000063499	834897.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
72	Area	EP14-1	0.000008362	835223.4	818149.1	3.0	19.1	0.5	11.6	Haul road to concrete batching plant (WKCD)
73	Area	EP14-2	0.000008362	835210.1	818188.3	3.0	21.0	0.5	71.7	Haul road to concrete batching plant (WKCD)
74	Area	EP14-3	0.000008362	835204.0	818136.5	3.0	19.3	0.5	13.9	Haul road to concrete batching plant (WKCD)
75	Area	EP15-1	0.000039954	835212.7	818158.4	3.0	19.3	0.5	1.8	Haul road to concrete batching plant (WKCD)
76	Area	EP15-2	0.000039954	835220.7	818146.6	3.0	19.6	0.5	24.3	Haul road to concrete batching plant (WKCD)
77	Area	EP16-1	0.000017038	835211.8	818147.7	3.0	30.0	0.5	13.8	Haul road to concrete batching plant (WKCD)
78	Area	EP16-2	0.000017038	835205.7	818187.3	3.0	25.9	0.5	77.2	Haul road to concrete batching plant (WKCD)
79	Area	EP17-1	0.000008520	835213.0	818125.9	3.0	19.9	0.5	19.8	Haul road to concrete batching plant (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2015 for ASR P53-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
80	Area	EP17-2	0.000008520	835195.8	818120.1	3.0	23.0	0.5	15.3	Haul road to concrete batching plant (WKCD)
81	Area	EP18-1	0.000061220	834979.0	818017.8	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
82	Area	EP18-2	0.000061220	835008.3	818024.4	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
83	Area	EP18-3	0.000061220	835032.8	818031.0	3.0	20.5	0.5	12.7	Haul road to concrete batching plant (WKCD)
84	Area	EP18-4	0.000061220	835050.5	818037.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
85	Area	EP18-5	0.000061220	835080.3	818041.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
86	Area	EP18-6	0.000061220	835110.0	818045.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
87	Area	EP18-7	0.000061220	835139.8	818049.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
88	Area	EP18-8	0.000061220	835169.5	818053.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
89	Area	EP18-9	0.000061220	835185.0	818063.9	3.0	30.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
90	Area	EP18-10	0.000061220	835218.7	818059.5	3.0	11.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
91	Area	EP18-11	0.000061220	835243.4	818020.4	3.0	23.2	0.5	75.6	Haul road to concrete batching plant (WKCD)
92	Area	EP18-12	0.000061220	835235.0	818033.7	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
93	Area	EP18-13	0.000061220	835232.5	818063.5	3.0	22.2	0.5	96.1	Haul road to concrete batching plant (WKCD)
94	Area	EP18-14	0.000061220	835232.6	818089.9	3.0	7.0	0.5	86.5	Haul road to concrete batching plant (WKCD)
95	Area	EP18-15	0.000061220	834910.3	818013.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
96	Area	EP18-16	0.000061220	834940.1	818016.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
97	Area	EP18-17	0.000061220	834959.7	818019.9	3.0	8.7	0.5	6.0	Haul road to concrete batching plant (WKCD)
98	Area	EP19-1	0.000054404	834795.6	817994.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
99	Area	EP19-2	0.000054404	834795.3	817998.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
100	Area	EP19-3	0.000054404	834825.0	818003.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
101	Area	EP19-4	0.000054404	834854.8	818007.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
102	Area	EP19-5	0.000054404	834884.0	818011.1	3.0	12.3	0.5	7.8	Haul road to concrete batching plant (WKCD)
103	Area	EP19-6	0.000054404	834650.1	817983.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
104	Area	EP19-7	0.000054404	834680.0	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
105	Area	EP19-8	0.000054404	834709.8	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
106	Area	EP19-9	0.000054404	834739.7	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
107	Area	EP19-10	0.000054404	834760.2	817994.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
108	Area	EP19-11	0.000054404	834600.9	817978.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
109	Area	EP19-12	0.000054404	834626.3	817981.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
110	Area	EP20-1	0.000023102	834900.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
111	Area	EP20-2	0.000023102	834901.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
112	Area	EP20-3	0.000023102	834901.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
113	Area	EP20-4	0.000023102	834902.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
114	Area	EP20-5	0.000023102	834902.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
115	Area	EP20-6	0.000023102	834900.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
116	Area	EP21-1	0.000002727	835222.1	818158.9	3.0	20.1	0.5	31.8	Haul road to concrete batching plant (WKCD)
117	Area	EP21-2	0.000002727	835202.8	818136.3	3.0	10.2	0.5	13.9	Haul road to concrete batching plant (WKCD)
118	Area	EP22-1	0.000015247	835212.1	818138.2	3.0	19.3	0.5	35.7	Haul road to concrete batching plant (WKCD)
119	Area	EP22-2	0.000015247	835219.6	818178.4	3.0	22.3	0.5	55.1	Haul road to concrete batching plant (WKCD)
120	Area	EP23-1	0.000003258	835203.7	818113.6	3.0	7.8	0.5	46.4	Haul road to concrete batching plant (WKCD)
121	Area	EP23-2	0.000003258	835212.2	818144.1	3.0	15.9	0.5	8.0	Haul road to concrete batching plant (WKCD)
122	Area	EP23-3	0.000003258	835195.1	818122.7	3.0	22.9	0.5	9.5	Haul road to concrete batching plant (WKCD)
123	Line	HR7A3	0.000000001	835002.8	818127.3	835002.8	817987.3	0.5	6.0	Haul Road to Barging Points (WKCD)
124	Line	HR7B	0.000000001	834964.1	817983.2	834895.8	817976.0	0.5	6.0	Haul Road to Barging Points (WKCD)
125	Line	HR7C 1	0.000000001	834943.9	818149.5	834941.6	817980.9	0.5	6.0	Haul Road to Barging Points (WKCD)
126	Line	HR8A	0.000000001	834895.8	817976.0	834764.7	817958.0	0.5	6.0	Haul Road to Barging Points (WKCD)
127	Line	HR8B	0.000000001	834767.7	817958.0	834637.5	817945.4	0.5	6.0	Haul Road to Barging Points (WKCD)
128	Line	HR9	0.000000001	834637.5	817945.4	834588.3	817940.5	0.5	6.0	Haul Road to Barging Points (WKCD)
129	Line	HR10A	0.000000001	834588.3	817940.5	834519.6	817934.4	0.5	6.0	Haul Road to Barging Points (WKCD)
130	Line	HR10B	0.000000001	834519.6	817934.4	834425.8	817897.2	0.5	6.0	Haul Road to Barging Points (WKCD)
131	Line	HR10C	0.000000001	834425.8	817897.2	834389.4	817855.7	0.5	6.0	Haul Road to Barging Points (WKCD)
132	Line	HR11	0.000000001	834389.4	817855.7	834313.9	817770.0	0.5	6.0	Haul Road to Barging Points (WKCD)
133	Line	HR12A	0.000000001	834313.9	817770.0	834289.8	817763.6	0.5	6.0	Haul Road to Barging Points (WKCD)
134	Point	BP4	0.004266640	834640.0	817930.5	0.0	0.0	0.5	0.0	Barging Point (WKCD)
135	Point	BP5	0.004266640	834591.9	817924.7	0.0	0.0	0.5	0.0	Barging Point (WKCD)
136	Point	BP6	0.004266640	834397.5	817847.6	0.0	0.0	0.5	0.0	Barging Point (WKCD)
137	Point	BP7	0.004266640	834328.6	817755.8	0.0	0.0	0.5	0.0	Barging Point (WKCD)
140	Area	FF1	0.000029937	835264.6	818400.0	19.1	3.5	0.0	26.4	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
141	Area	FF1	0.000002696	835264.6	818400.0	19.1	3.5	0.0	26.4	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
142	Area	FF2	0.000029937	835287.4	818403.3	29.7	5.0	0.0	-19.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
143	Area	FF2	0.000002696	835287.4	818403.3	29.7	5.0	0.0	-19.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
144	Area	FF3	0.000029937	835310.6	818358.6	85.7	4.0	0.0	-75.7	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)

Appendix 3.5 Tier 2 Data Input at the end of Year 2015 for ASR P53-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
145	Area	FF3	0.000002696	835310.6	818358.6	85.7	4.0	0.0	-75.7	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
146	Area	FF4	0.000029937	835341.7	818274.8	92.0	21.8	0.0	-75.7	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
147	Area	FF4	0.000002696	835341.7	818274.8	92.0	21.8	0.0	-75.7	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
148	Area	FF5	0.000029937	835323.0	818233.4	30.1	25.1	0.0	4.2	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
149	Area	FF5	0.000002696	835323.0	818233.4	30.1	25.1	0.0	4.2	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
150	Area	FF6	0.000029937	835331.4	818207.7	44.8	10.9	0.0	4.3	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
151	Area	FF6	0.000002696	835331.4	818207.7	44.8	10.9	0.0	4.3	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
152	Area	FF7	0.000029937	835334.3	818151.0	101.1	17.0	0.0	84.5	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
153	Area	FF7	0.000002696	835334.3	818151.0	101.1	17.0	0.0	84.5	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
154	Area	FF8	0.000029937	835335.0	818074.9	48.6	12.6	0.0	-81.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
155	Area	FF8	0.000002696	835335.0	818074.9	48.6	12.6	0.0	-81.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
156	Area	FF9	0.000029937	835267.6	818533.5	3.0	3.0	0.0	90.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
157	Area	FF9	0.000002696	835267.6	818533.5	3.0	3.0	0.0	90.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme Q (Interim Option) & Junction Improvement Works at Jordan Road / Ferry St / Canton Rd)
158	Area	AA9	0.000029937	834646.0	818747.7	65.6	13.2	0.0	70.8	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
159	Area	AA9	0.000002696	834646.0	818747.7	65.6	13.2	0.0	70.8	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
160	Area	AA10	0.000029937	834601.8	818627.1	191.9	21.2	0.0	67.0	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
161	Area	AA10	0.000002696	834601.8	818627.1	191.9	21.2	0.0	67.0	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
162	Area	AA11	0.000029937	834553.7	818489.5	98.1	24.2	0.0	78.1	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
163	Area	AA11	0.000002696	834553.7	818489.5	98.1	24.2	0.0	78.1	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
164	Area	AA12	0.000029937	834491.6	818452.8	216.7	18.2	0.0	60.3	Heavy construction (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)
165	Area	AA12	0.000002696	834491.6	818452.8	216.7	18.2	0.0	60.3	Wind Erosion (Road Improvement Works in West Kowloon Reclamation - Phase I - Scheme HJJ)

Appendix 3.5 Tier 2 Data Input at the end of Year 2016 for ASR P01a-1, P01b-1, P01c-1 and P01d-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
1	Area	TF1	0.000019879	835282.4	818085.6	112.2	16.0	0.0	4.0	Heavy construction (WKCD)
2	Area	TF1	0.000002696	835282.4	818085.6	112.2	16.0	0.0	4.0	Wind erosion (WKCD)
3	Area	TF2	0.000019879	835242.2	818050.7	48.0	27.0	0.0	-86.0	Heavy construction (WKCD)
4	Area	TF2	0.000002696	835242.2	818050.7	48.0	27.0	0.0	-86.0	Wind erosion (WKCD)
5	Area	TF3	0.000019879	835215.2	818134.0	121.9	15.3	0.0	-86.0	Heavy construction (WKCD)
6	Area	TF3	0.000002696	835215.2	818134.0	121.9	15.3	0.0	-86.0	Wind erosion (WKCD)
7	Area	TF4	0.000019879	835223.1	818049.3	48.0	11.3	0.0	-86.0	Heavy construction (WKCD)
8	Area	TF4	0.000002696	835223.1	818049.3	48.0	11.3	0.0	-86.0	Wind erosion (WKCD)
9	Area	TF5	0.000019879	835191.0	818156.9	58.9	29.6	0.0	-86.0	Heavy construction (WKCD)
10	Area	TF5	0.000002696	835191.0	818156.9	58.9	29.6	0.0	-86.0	Wind erosion (WKCD)
11	Area	TF6	0.000019879	835121.0	818150.6	111.0	56.1	0.0	4.0	Heavy construction (WKCD)
12	Area	TF6	0.000002696	835121.0	818150.6	111.0	56.1	0.0	4.0	Wind erosion (WKCD)
13	Area	TF7	0.000019879	835109.5	818068.4	204.7	106.3	0.0	4.0	Heavy construction (WKCD)
14	Area	TF7	0.000002696	835109.5	818068.4	204.7	106.3	0.0	4.0	Wind erosion (WKCD)
15	Area	TF8	0.000019879	834499.5	818164.0	20.0	20.0	0.0	-86.0	Heavy construction (WKCD)
16	Area	TF8	0.000002696	834499.5	818164.0	20.0	20.0	0.0	-86.0	Wind erosion (WKCD)
17	Area	TF9	0.000019879	834529.8	818146.7	78.1	18.6	0.0	4.0	Heavy construction (WKCD)
18	Area	TF9	0.000002696	834529.8	818146.7	78.1	18.6	0.0	4.0	Wind erosion (WKCD)
19	Area	TF10	0.000019879	834459.9	818100.5	63.9	48.6	0.0	4.0	Heavy construction (WKCD)
20	Area	TF10	0.000002696	834459.9	818100.5	63.9	48.6	0.0	4.0	Wind erosion (WKCD)
21	Area	TF11	0.000019879	834491.8	818009.1	138.3	13.0	0.0	-86.0	Heavy construction (WKCD)
22	Area	TF11	0.000002696	834491.8	818009.1	138.3	13.0	0.0	-86.0	Wind erosion (WKCD)
23	Area	TF12	0.000019879	834106.0	818051.8	235.0	20.0	0.0	55.6	Heavy construction (WKCD)
24	Area	TF12	0.000002696	834106.0	818051.8	235.0	20.0	0.0	55.6	Wind erosion (WKCD)
25	Area	TF13	0.000019879	835173.3	818002.1	258.8	19.6	0.0	7.0	Heavy construction (WKCD)
26	Area	TF13	0.000002696	835173.3	818002.1	258.8	19.6	0.0	7.0	Wind erosion (WKCD)
27	Area	TF14	0.000019879	834961.2	817976.2	125.8	16.5	0.0	10.2	Heavy construction (WKCD)
28	Area	TF14	0.000002696	834961.2	817976.2	125.8	16.5	0.0	10.2	Wind erosion (WKCD)
29	Area	TF15	0.000019879	834817.2	817954.4	183.4	16.6	0.0	6.6	Heavy construction (WKCD)
30	Area	TF15	0.000002696	834817.2	817954.4	183.4	16.6	0.0	6.6	Wind erosion (WKCD)
31	Area	TF16	0.000019879	834657.9	817941.2	75.7	20.3	0.0	4.0	Heavy construction (WKCD)
32	Area	TF16	0.000002696	834657.9	817941.2	75.7	20.3	0.0	4.0	Wind erosion (WKCD)
33	Area	FB1	0.000019879	834306.9	818306.0	22.6	15.7	0.0	-35.0	Heavy construction (WKCD)
34	Area	FB1	0.000002696	834306.9	818306.0	22.6	15.7	0.0	-35.0	Wind erosion (WKCD)
35	Area	FB2	0.000019879	834430.0	818240.2	19.1	14.0	0.0	-35.5	Heavy construction (WKCD)
36	Area	FB2	0.000002696	834430.0	818240.2	19.1	14.0	0.0	-35.5	Wind erosion (WKCD)
37	Area	FB3	0.000019879	834488.0	818525.7	14.4	12.0	0.0	-22.4	Heavy construction (WKCD)
38	Area	FB3	0.000002696	834488.0	818525.7	14.4	12.0	0.0	-22.4	Wind erosion (WKCD)
39	Area	FB4	0.000019879	835360.4	818024.9	33.2	16.2	0.0	5.0	Heavy construction (WKCD)
40	Area	FB4	0.000002696	835360.4	818024.9	33.2	16.2	0.0	5.0	Wind erosion (WKCD)
41	Area	FB5	0.000019879	834573.8	818490.4	32.8	11.9	0.0	-22.4	Heavy construction (WKCD)
42	Area	FB5	0.000002696	834573.8	818490.4	32.8	11.9	0.0	-22.4	Wind erosion (WKCD)
43	Point	EP1	0.016666667	835199.6	818095.5	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
44	Point	EP2	0.016666667	835197.6	818087.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
45	Point	EP3	0.000229840	835198.7	818094.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
46	Point	EP4	0.000229840	835196.5	818085.7	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
47	Point	EP5	0.010833334	835205.4	818088.9	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
48	Point	EP6	0.010833334	835207.0	818095.3	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
49	Point	EP7	0.010833334	835194.8	818092.4	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
50	Point	EP8	0.010833334	835205.8	818083.0	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
51	Point	EP9	0.001635902	835122.6	818097.6	0.0	0.0	4.0	0.0	Concrete batching plant (WKCD)
52	Point	EP10	0.001635902	834584.4	817939.9	0.0	0.0	7.0	0.0	Concrete batching plant (WKCD)
53	Area	EP11-1	0.000163385	834978.3	818020.7	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
54	Area	EP11-2	0.000163385	835007.6	818027.3	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
55	Area	EP11-3	0.000163385	835032.4	818033.9	3.0	20.8	0.5	12.7	Haul road to concrete batching plant (WKCD)
56	Area	EP11-4	0.000163385	835050.1	818040.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
57	Area	EP11-5	0.000163385	835079.9	818044.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
58	Area	EP11-6	0.000163385	835109.6	818048.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
59	Area	EP11-7	0.000163385	835139.4	818052.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
60	Area	EP11-8	0.000163385	835169.2	818056.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
61	Area	EP11-9	0.000163385	835186.0	818066.7	3.0	30.0	0.5	8.2	Haul road to concrete batching plant (WKCD)
62	Area	EP11-10	0.000163385	835219.2	818062.5	3.0	9.1	0.5	8.2	Haul road to concrete batching plant (WKCD)
63	Area	EP11-11	0.000163385	835239.5	818023.8	3.0	20.0	0.5	75.6	Haul road to concrete batching plant (WKCD)
64	Area	EP11-12	0.000163385	835232.0	818033.9	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
65	Area	EP11-13	0.000163385	835229.6	818063.7	3.0	21.7	0.5	96.1	Haul road to concrete batching plant (WKCD)
66	Area	EP11-14	0.000163385	835228.9	818089.7	3.0	8.1	0.5	86.3	Haul road to concrete batching plant (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2016 for ASR P01a-1, P01b-1, P01c-1 and P01d-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
67	Area	EP11-15	0.000163385	835244.5	818102.7	3.0	30.0	0.5	75.2	Haul road to concrete batching plant (WKCD)
68	Area	EP11-16	0.000163385	835241.5	818131.7	3.0	8.2	0.5	75.2	Haul road to concrete batching plant (WKCD)
69	Area	EP12-1	0.000142480	834909.9	818016.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
70	Area	EP12-2	0.000142480	834939.8	818019.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
71	Area	EP12-3	0.000142480	834951.0	818024.2	3.0	8.4	0.5	3.0	Haul road to concrete batching plant (WKCD)
72	Area	EP12-4	0.000142480	834765.2	817997.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
73	Area	EP12-5	0.000142480	834795.0	818001.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
74	Area	EP12-6	0.000142480	834824.7	818005.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
75	Area	EP12-7	0.000142480	834854.4	818010.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
76	Area	EP12-8	0.000142480	834895.8	818015.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
77	Area	EP12-9	0.000142480	834649.8	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
78	Area	EP12-10	0.000142480	834679.7	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
79	Area	EP12-11	0.000142480	834709.5	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
80	Area	EP12-12	0.000142480	834739.4	817995.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
81	Area	EP12-13	0.000142480	834759.9	817997.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
82	Area	EP12-14	0.000142480	834600.6	817981.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
83	Area	EP12-15	0.000142480	834626.0	817984.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
84	Area	EP13-1	0.000063499	834897.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
85	Area	EP13-2	0.000063499	834898.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
86	Area	EP13-3	0.000063499	834898.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
87	Area	EP13-4	0.000063499	834899.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
88	Area	EP13-5	0.000063499	834899.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
89	Area	EP13-6	0.000063499	834897.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
90	Area	EP14-1	0.000008362	835223.4	818149.1	3.0	19.1	0.5	11.6	Haul road to concrete batching plant (WKCD)
91	Area	EP14-2	0.000008362	835210.1	818188.3	3.0	21.0	0.5	71.7	Haul road to concrete batching plant (WKCD)
92	Area	EP14-3	0.000008362	835204.0	818136.5	3.0	19.3	0.5	13.9	Haul road to concrete batching plant (WKCD)
93	Area	EP15-1	0.000039954	835212.7	818158.4	3.0	19.3	0.5	1.8	Haul road to concrete batching plant (WKCD)
94	Area	EP15-2	0.000039954	835220.7	818146.6	3.0	19.6	0.5	24.3	Haul road to concrete batching plant (WKCD)
95	Area	EP16-1	0.000017038	835211.8	818147.7	3.0	30.0	0.5	13.8	Haul road to concrete batching plant (WKCD)
96	Area	EP16-2	0.000017038	835205.7	818187.3	3.0	25.9	0.5	77.2	Haul road to concrete batching plant (WKCD)
97	Area	EP17-1	0.000008520	835213.0	818125.9	3.0	19.9	0.5	19.8	Haul road to concrete batching plant (WKCD)
98	Area	EP17-2	0.000008520	835195.8	818120.1	3.0	23.0	0.5	15.3	Haul road to concrete batching plant (WKCD)
99	Area	EP18-1	0.000061220	834979.0	818017.8	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
100	Area	EP18-2	0.000061220	835008.3	818024.4	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
101	Area	EP18-3	0.000061220	835032.8	818031.0	3.0	20.5	0.5	12.7	Haul road to concrete batching plant (WKCD)
102	Area	EP18-4	0.000061220	835050.5	818037.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
103	Area	EP18-5	0.000061220	835080.3	818041.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
104	Area	EP18-6	0.000061220	835110.0	818045.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
105	Area	EP18-7	0.000061220	835139.8	818049.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
106	Area	EP18-8	0.000061220	835169.5	818053.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
107	Area	EP18-9	0.000061220	835185.0	818063.9	3.0	30.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
108	Area	EP18-10	0.000061220	835218.7	818059.5	3.0	11.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
109	Area	EP18-11	0.000061220	835243.4	818020.4	3.0	23.2	0.5	75.6	Haul road to concrete batching plant (WKCD)
110	Area	EP18-12	0.000061220	835235.0	818033.7	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)



Appendix 3.5 Tier 2 Data Input at the end of Year 2016 for ASR P01a-1, P01b-1, P01c-1 and P01d-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
111	Area	EP18-13	0.000061220	835232.5	818063.5	3.0	22.2	0.5	96.1	Haul road to concrete batching plant (WKCD)
112	Area	EP18-14	0.000061220	835232.6	818089.9	3.0	7.0	0.5	86.5	Haul road to concrete batching plant (WKCD)
113	Area	EP18-15	0.000061220	834910.3	818013.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
114	Area	EP18-16	0.000061220	834940.1	818016.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
115	Area	EP18-17	0.000061220	834959.7	818019.9	3.0	8.7	0.5	6.0	Haul road to concrete batching plant (WKCD)
116	Area	EP19-1	0.000054404	834795.6	817994.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
117	Area	EP19-2	0.000054404	834795.3	817998.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
118	Area	EP19-3	0.000054404	834825.0	818003.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
119	Area	EP19-4	0.000054404	834854.8	818007.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
120	Area	EP19-5	0.000054404	834884.0	818011.1	3.0	12.3	0.5	7.8	Haul road to concrete batching plant (WKCD)
121	Area	EP19-6	0.000054404	834650.1	817983.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
122	Area	EP19-7	0.000054404	834680.0	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
123	Area	EP19-8	0.000054404	834709.8	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
124	Area	EP19-9	0.000054404	834739.7	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
125	Area	EP19-10	0.000054404	834760.2	817994.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
126	Area	EP19-11	0.000054404	834600.9	817978.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
127	Area	EP19-12	0.000054404	834626.3	817981.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
128	Area	EP20-1	0.000023102	834900.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
129	Area	EP20-2	0.000023102	834901.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
130	Area	EP20-3	0.000023102	834901.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
131	Area	EP20-4	0.000023102	834902.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
132	Area	EP20-5	0.000023102	834902.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
133	Area	EP20-6	0.000023102	834900.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
134	Area	EP21-1	0.00002727	835222.1	818158.9	3.0	20.1	0.5	31.8	Haul road to concrete batching plant (WKCD)
135	Area	EP21-2	0.00002727	835202.8	818136.3	3.0	10.2	0.5	13.9	Haul road to concrete batching plant (WKCD)
136	Area	EP22-1	0.000015247	835212.1	818138.2	3.0	19.3	0.5	35.7	Haul road to concrete batching plant (WKCD)
137	Area	EP22-2	0.000015247	835219.6	818178.4	3.0	22.3	0.5	55.1	Haul road to concrete batching plant (WKCD)
138	Area	EP23-1	0.00003258	835203.7	818113.6	3.0	7.8	0.5	46.4	Haul road to concrete batching plant (WKCD)
139	Area	EP23-2	0.00003258	835212.2	818144.1	3.0	15.9	0.5	8.0	Haul road to concrete batching plant (WKCD)
140	Area	EP23-3	0.00003258	835195.1	818122.7	3.0	22.9	0.5	9.5	Haul road to concrete batching plant (WKCD)
141	Line	HR7A 3	0.000000001	835002.8	818127.3	835002.8	817987.3	0.5	6.0	Haul Road to Barging Points (WKCD)
142	Line	HR7B	0.000000001	834964.1	817983.2	834895.8	817976.0	0.5	6.0	Haul Road to Barging Points (WKCD)
143	Line	HR7C 1	0.000000001	834943.9	818149.5	834941.6	817980.9	0.5	6.0	Haul Road to Barging Points (WKCD)
144	Line	HR8A	0.000000001	834895.8	817976.0	834764.7	817958.0	0.5	6.0	Haul Road to Barging Points (WKCD)
145	Line	HR8B	0.000000001	834767.7	817958.0	834637.5	817945.4	0.5	6.0	Haul Road to Barging Points (WKCD)
146	Line	HR9	0.000000001	834637.5	817945.4	834588.3	817940.5	0.5	6.0	Haul Road to Barging Points (WKCD)
147	Line	HR10A	0.000000001	834588.3	817940.5	834519.6	817934.4	0.5	6.0	Haul Road to Barging Points (WKCD)
148	Line	HR10B	0.000000001	834519.6	817934.4	834425.8	817897.2	0.5	6.0	Haul Road to Barging Points (WKCD)
149	Line	HR10C	0.000000001	834425.8	817897.2	834389.4	817855.7	0.5	6.0	Haul Road to Barging Points (WKCD)
150	Line	HR11	0.000000001	834389.4	817855.7	834313.9	817770.0	0.5	6.0	Haul Road to Barging Points (WKCD)
151	Line	HR12A	0.000000001	834313.9	817770.0	834289.8	817763.6	0.5	6.0	Haul Road to Barging Points (WKCD)
152	Point	BP4	0.004266640	834640.0	817930.5	0.0	0.0	0.5	0.0	Barging Point (WKCD)
153	Point	BP5	0.004266640	834591.9	817924.7	0.0	0.0	0.5	0.0	Barging Point (WKCD)
154	Point	BP6	0.004266640	834397.5	817847.6	0.0	0.0	0.5	0.0	Barging Point (WKCD)
155	Point	BP7	0.004266640	834328.6	817755.8	0.0	0.0	0.5	0.0	Barging Point (WKCD)
156	Area	TF17	0.000019879	835294.2	818119.5	50.0	50.0	0.0	-86.0	Heavy construction (WKCD)
157	Area	TF17	0.00002696	835294.2	818119.5	50.0	50.0	0.0	-86.0	Wind erosion (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2016 for ASR P53-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
1	Area	Tf1	0.000019879	834630.2	818022.9	265.0	130.0	0.0	4.0	Heavy construction (WKCD)
2	Area	Tf1	0.000002696	834630.2	818022.9	265.0	130.0	0.0	4.0	Wind erosion (WKCD)
3	Area	Tf2	0.000019879	834429.7	817958.0	144.0	45.0	0.0	4.0	Heavy construction (WKCD)
4	Area	Tf2	0.000002696	834429.7	817958.0	144.0	45.0	0.0	4.0	Wind erosion (WKCD)
5	Area	Tf3	0.000019879	834106.0	818051.8	235.0	20.0	0.0	55.6	Heavy construction (WKCD)
6	Area	Tf3	0.000002696	834106.0	818051.8	235.0	20.0	0.0	55.6	Wind erosion (WKCD)
7	Area	Tf4	0.000019879	834348.8	817811.0	165.0	24.4	0.0	48.8	Heavy construction (WKCD)
8	Area	Tf4	0.000002696	834348.8	817811.0	165.0	24.4	0.0	48.8	Wind erosion (WKCD)
9	Area	Tf5	0.000019879	834292.3	817948.6	131.5	59.0	0.0	4.0	Heavy construction (WKCD)
10	Area	Tf5	0.000002696	834292.3	817948.6	131.5	59.0	0.0	4.0	Wind erosion (WKCD)
11	Area	FB1	0.000019879	834306.9	818306.0	22.6	15.7	0.0	-35.0	Heavy construction (WKCD)
12	Area	FB1	0.000002696	834306.9	818306.0	22.6	15.7	0.0	-35.0	Wind erosion (WKCD)
13	Area	FB2	0.000019879	834430.0	818240.2	19.1	14.0	0.0	-35.5	Heavy construction (WKCD)
14	Area	FB2	0.000002696	834430.0	818240.2	19.1	14.0	0.0	-35.5	Wind erosion (WKCD)
15	Area	FB3	0.000019879	834488.0	818525.7	14.4	12.0	0.0	-22.4	Heavy construction (WKCD)
16	Area	FB3	0.000002696	834488.0	818525.7	14.4	12.0	0.0	-22.4	Wind erosion (WKCD)
17	Area	FB4	0.000019879	835360.4	818024.9	33.2	16.2	0.0	5.0	Heavy construction (WKCD)
18	Area	FB4	0.000002696	835360.4	818024.9	33.2	16.2	0.0	5.0	Wind erosion (WKCD)
19	Area	FB5	0.000019879	834573.8	818490.4	32.8	11.9	0.0	-22.4	Heavy construction (WKCD)
20	Area	FB5	0.000002696	834573.8	818490.4	32.8	11.9	0.0	-22.4	Wind erosion (WKCD)
21	Point	EP1	0.016666667	835199.6	818095.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
22	Point	EP2	0.016666667	835197.6	818087.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
23	Point	EP3	0.000229840	835198.7	818094.0	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
24	Point	EP4	0.000229840	835196.5	818085.7	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
25	Point	EP5	0.010833334	835205.4	818088.9	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
26	Point	EP6	0.010833334	835207.0	818095.3	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
27	Point	EP7	0.010833334	835194.8	818092.4	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
28	Point	EP8	0.010833334	835205.8	818083.0	0.0	0.0	20.0	0.0	Concrete batching plant (WKCD). 20m is height set in the model run, actual height is 21m.
29	Point	EP9	0.001635902	835122.6	818097.6	0.0	0.0	4.0	0.0	Concrete batching plant (WKCD)
30	Point	EP10	0.001635902	834584.4	817939.9	0.0	0.0	7.0	0.0	Concrete batching plant (WKCD)
31	Area	EP11-1	0.000163385	834978.3	818020.7	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
32	Area	EP11-2	0.000163385	835007.6	818027.3	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
33	Area	EP11-3	0.000163385	835032.4	818033.9	3.0	20.8	0.5	12.7	Haul road to concrete batching plant (WKCD)
34	Area	EP11-4	0.000163385	835050.1	818040.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
35	Area	EP11-5	0.000163385	835079.9	818044.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
36	Area	EP11-6	0.000163385	835109.6	818048.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
37	Area	EP11-7	0.000163385	835139.4	818052.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
38	Area	EP11-8	0.000163385	835169.2	818056.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
39	Area	EP11-9	0.000163385	835186.0	818066.7	3.0	30.0	0.5	8.2	Haul road to concrete batching plant (WKCD)
40	Area	EP11-10	0.000163385	835219.2	818062.5	3.0	9.1	0.5	8.2	Haul road to concrete batching plant (WKCD)
41	Area	EP11-11	0.000163385	835239.5	818023.8	3.0	20.0	0.5	75.6	Haul road to concrete batching plant (WKCD)
42	Area	EP11-12	0.000163385	835232.0	818033.9	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
43	Area	EP11-13	0.000163385	835229.6	818063.7	3.0	21.7	0.5	96.1	Haul road to concrete batching plant (WKCD)
44	Area	EP11-14	0.000163385	835228.9	818089.7	3.0	8.1	0.5	86.3	Haul road to concrete batching plant (WKCD)
45	Area	EP11-15	0.000163385	835244.5	818102.7	3.0	30.0	0.5	75.2	Haul road to concrete batching plant (WKCD)
46	Area	EP11-16	0.000163385	835241.5	818131.7	3.0	8.2	0.5	75.2	Haul road to concrete batching plant (WKCD)
47	Area	EP12-1	0.000142480	834909.9	818016.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
48	Area	EP12-2	0.000142480	834939.8	818019.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
49	Area	EP12-3	0.000142480	834951.0	818024.2	3.0	8.4	0.5	3.0	Haul road to concrete batching plant (WKCD)
50	Area	EP12-4	0.000142480	834765.2	817997.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
51	Area	EP12-5	0.000142480	834795.0	818001.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
52	Area	EP12-6	0.000142480	834824.7	818005.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
53	Area	EP12-7	0.000142480	834854.4	818010.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
54	Area	EP12-8	0.000142480	834895.8	818015.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
55	Area	EP12-9	0.000142480	834649.8	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
56	Area	EP12-10	0.000142480	834679.7	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
57	Area	EP12-11	0.000142480	834709.5	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
58	Area	EP12-12	0.000142480	834739.4	817995.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
59	Area	EP12-13	0.000142480	834759.9	817997.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
60	Area	EP12-14	0.000142480	834600.6	817981.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
61	Area	EP12-15	0.000142480	834626.0	817984.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
62	Area	EP13-1	0.000063499	834897.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
63	Area	EP13-2	0.000063499	834898.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
64	Area	EP13-3	0.000063499	834898.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
65	Area	EP13-4	0.000063499	834899.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
66	Area	EP13-5	0.000063499	834899.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
67	Area	EP13-6	0.000063499	834897.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
68	Area	EP14-1	0.000008362	835223.4	818149.1	3.0	19.1	0.5	11.6	Haul road to concrete batching plant (WKCD)
69	Area	EP14-2	0.000008362	835210.1	818188.3	3.0	21.0	0.5	71.7	Haul road to concrete batching plant (WKCD)
70	Area	EP14-3	0.000008362	835204.0	818136.5	3.0	19.3	0.5	13.9	Haul road to concrete batching plant (WKCD)
71	Area	EP15-1	0.000039954	835212.7	818158.4	3.0	19.3	0.5	1.8	Haul road to concrete batching plant (WKCD)
72	Area	EP15-2	0.000039954	835220.7	818146.6	3.0	19.6	0.5	24.3	Haul road to concrete batching plant (WKCD)
73	Area	EP16-1	0.000017038	835211.8	818147.7	3.0	30.0	0.5	13.8	Haul road to concrete batching plant (WKCD)
74	Area	EP16-2	0.000017038	835205.7	818187.3	3.0	25.9	0.5	77.2	Haul road to concrete batching plant (WKCD)
75	Area	EP17-1	0.000008520	835213.0	818125.9	3.0	19.9	0.5	19.8	Haul road to concrete batching plant (WKCD)
76	Area	EP17-2	0.000008520	835195.8	818120.1	3.0	23.0	0.5	15.3	Haul road to concrete batching plant (WKCD)
77	Area	EP18-1	0.000061220	834979.0	818017.8	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
78	Area	EP18-2	0.000061220	835008.3	818024.4	3.0	30.0	0.5	12.7	Haul road to concrete batching plant (WKCD)
79	Area	EP18-3	0.000061220	835032.8	818031.0	3.0	20.5	0.5	12.7	Haul road to concrete batching plant (WKCD)
80	Area	EP18-4	0.000061220	835050.5	818037.9	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
81	Area	EP18-5	0.000061220	835080.3	818041.7	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2016 for ASR P53-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
82	Area	EP18-6	0.000061220	835110.0	818045.5	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
83	Area	EP18-7	0.000061220	835139.8	818049.3	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
84	Area	EP18-8	0.000061220	835169.5	818053.1	3.0	30.0	0.5	7.3	Haul road to concrete batching plant (WKCD)
85	Area	EP18-9	0.000061220	835185.0	818063.9	3.0	30.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
86	Area	EP18-10	0.000061220	835218.7	818059.5	3.0	11.0	0.5	8.3	Haul road to concrete batching plant (WKCD)
87	Area	EP18-11	0.000061220	835243.4	818020.4	3.0	23.2	0.5	75.6	Haul road to concrete batching plant (WKCD)
88	Area	EP18-12	0.000061220	835235.0	818033.7	3.0	30.0	0.5	96.1	Haul road to concrete batching plant (WKCD)
89	Area	EP18-13	0.000061220	835232.5	818063.5	3.0	22.2	0.5	96.1	Haul road to concrete batching plant (WKCD)
90	Area	EP18-14	0.000061220	835232.6	818089.9	3.0	7.0	0.5	86.5	Haul road to concrete batching plant (WKCD)
91	Area	EP18-15	0.000061220	834910.3	818013.6	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
92	Area	EP18-16	0.000061220	834940.1	818016.7	3.0	30.0	0.5	6.0	Haul road to concrete batching plant (WKCD)
93	Area	EP18-17	0.000061220	834959.7	818019.9	3.0	8.7	0.5	6.0	Haul road to concrete batching plant (WKCD)
94	Area	EP19-1	0.000054404	834795.6	817994.8	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
95	Area	EP19-2	0.000054404	834795.3	817998.9	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
96	Area	EP19-3	0.000054404	834825.0	818003.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
97	Area	EP19-4	0.000054404	834854.8	818007.0	3.0	30.0	0.5	7.8	Haul road to concrete batching plant (WKCD)
98	Area	EP19-5	0.000054404	834884.0	818011.1	3.0	12.3	0.5	7.8	Haul road to concrete batching plant (WKCD)
99	Area	EP19-6	0.000054404	834650.1	817983.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
100	Area	EP19-7	0.000054404	834680.0	817986.1	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
101	Area	EP19-8	0.000054404	834709.8	817989.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
102	Area	EP19-9	0.000054404	834739.7	817992.0	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
103	Area	EP19-10	0.000054404	834760.2	817994.9	3.0	7.8	0.5	5.7	Haul road to concrete batching plant (WKCD)
104	Area	EP19-11	0.000054404	834600.9	817978.2	3.0	30.0	0.5	5.7	Haul road to concrete batching plant (WKCD)
105	Area	EP19-12	0.000054404	834626.3	817981.2	3.0	19.4	0.5	5.7	Haul road to concrete batching plant (WKCD)
106	Area	EP20-1	0.000023102	834900.8	817976.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
107	Area	EP20-2	0.000023102	834901.2	818006.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
108	Area	EP20-3	0.000023102	834901.6	818036.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
109	Area	EP20-4	0.000023102	834902.0	818066.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
110	Area	EP20-5	0.000023102	834902.4	818096.4	3.0	30.0	0.5	89.2	Haul road to concrete batching plant (WKCD)
111	Area	EP20-6	0.000023102	834900.9	818126.4	3.0	18.6	0.5	89.2	Haul road to concrete batching plant (WKCD)
112	Area	EP21-1	0.000002727	835222.1	818158.9	3.0	20.1	0.5	31.8	Haul road to concrete batching plant (WKCD)
113	Area	EP21-2	0.000002727	835202.8	818136.3	3.0	10.2	0.5	13.9	Haul road to concrete batching plant (WKCD)
114	Area	EP22-1	0.000015247	835212.1	818138.2	3.0	19.3	0.5	35.7	Haul road to concrete batching plant (WKCD)
115	Area	EP22-2	0.000015247	835219.6	818178.4	3.0	22.3	0.5	55.1	Haul road to concrete batching plant (WKCD)
116	Area	EP23-1	0.000003258	835203.7	818113.6	3.0	7.8	0.5	46.4	Haul road to concrete batching plant (WKCD)
117	Area	EP23-2	0.000003258	835212.2	818144.1	3.0	15.9	0.5	8.0	Haul road to concrete batching plant (WKCD)
118	Area	EP23-3	0.000003258	835195.1	818122.7	3.0	22.9	0.5	9.5	Haul road to concrete batching plant (WKCD)
119	Line	HR7A	0.000000001	835002.8	818127.3	835002.8	817987.3	0.5	6.0	Haul Road to Barging Points (WKCD)
120	Line	HR7B	0.000000001	834964.1	817983.2	834895.8	817976.0	0.5	6.0	Haul Road to Barging Points (WKCD)
121	Line	HR7C 1	0.000000001	834943.9	818149.5	834941.6	817980.9	0.5	6.0	Haul Road to Barging Points (WKCD)
122	Line	HR8A	0.000000001	834895.8	817976.0	834764.7	817958.0	0.5	6.0	Haul Road to Barging Points (WKCD)
123	Line	HR8B	0.000000001	834767.7	817958.0	834637.5	817945.4	0.5	6.0	Haul Road to Barging Points (WKCD)
124	Line	HR9	0.000000001	834637.5	817945.4	834588.3	817940.5	0.5	6.0	Haul Road to Barging Points (WKCD)
125	Line	HR10A	0.000000001	834588.3	817940.5	834519.6	817934.4	0.5	6.0	Haul Road to Barging Points (WKCD)
126	Line	HR10B	0.000000001	834519.6	817934.4	834425.8	817897.2	0.5	6.0	Haul Road to Barging Points (WKCD)
127	Line	HR10C	0.000000001	834425.8	817897.2	834389.4	817855.7	0.5	6.0	Haul Road to Barging Points (WKCD)
128	Line	HR11	0.000000001	834389.4	817855.7	834313.9	817770.0	0.5	6.0	Haul Road to Barging Points (WKCD)
129	Line	HR12A	0.000000001	834313.9	817770.0	834289.8	817763.6	0.5	6.0	Haul Road to Barging Points (WKCD)
130	Point	BP4	0.004266640	834640.0	817930.5	0.0	0.0	0.5	0.0	Barging Point (WKCD)
131	Point	BP5	0.004266640	834591.9	817924.7	0.0	0.0	0.5	0.0	Barging Point (WKCD)
132	Point	BP6	0.004266640	834397.5	817847.6	0.0	0.0	0.5	0.0	Barging Point (WKCD)
133	Point	BP7	0.004266640	834328.6	817755.8	0.0	0.0	0.5	0.0	Barging Point (WKCD)
134	Area	Tf6	0.000019879	835251.0	818116.4	50.0	50.0	0.0	-86.0	Heavy construction (WKCD)
135	Area	Tf6	0.000002696	835251.0	818116.4	50.0	50.0	0.0	-86.0	Wind erosion (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2017 for ASR P39-1 and P52-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
1	Area	Th1	0.000019879	834602.0	818042.8	54.5	51.5	0.0	-86.0	Heavy construction (WKCD)
2	Area	Th1	0.000002696	834602.0	818042.8	54.5	51.5	0.0	-86.0	Wind erosion (WKCD)
3	Area	Th2	0.000019879	834609.1	818078.6	105.0	16.0	0.0	4.0	Heavy construction (WKCD)
4	Area	Th2	0.000002696	834609.1	818078.6	105.0	16.0	0.0	4.0	Wind erosion (WKCD)
5	Area	Th3	0.000019879	834572.2	818105.9	50.0	43.7	0.0	4.0	Heavy construction (WKCD)
6	Area	Th3	0.000002696	834572.2	818105.9	50.0	43.7	0.0	4.0	Wind erosion (WKCD)
7	Area	Th4	0.000019879	834117.8	818144.5	55.1	25.0	0.0	-34.4	Heavy construction (WKCD)
8	Area	Th4	0.000002696	834117.8	818144.5	55.1	25.0	0.0	-34.4	Wind erosion (WKCD)
9	Area	Th5	0.000019879	834080.1	817963.5	60.0	37.1	0.0	55.6	Heavy construction (WKCD)
10	Area	Th5	0.000002696	834080.1	817963.5	60.0	37.1	0.0	55.6	Wind erosion (WKCD)
11	Area	Th6	0.000019879	834165.0	817990.2	69.0	31.9	0.0	-22.6	Heavy construction (WKCD)
12	Area	Th6	0.000002696	834165.0	817990.2	69.0	31.9	0.0	-22.6	Wind erosion (WKCD)
13	Area	Th7	0.000019879	834212.8	817983.8	32.4	7.0	0.0	-55.1	Heavy construction (WKCD)
14	Area	Th7	0.000002696	834212.8	817983.8	32.4	7.0	0.0	-55.1	Wind erosion (WKCD)
15	Area	Th8	0.000019879	834171.3	817949.2	112.0	39.0	0.0	-22.6	Heavy construction (WKCD)
16	Area	Th8	0.000002696	834171.3	817949.2	112.0	39.0	0.0	-22.6	Wind erosion (WKCD)
17	Area	Th9	0.000019879	834146.6	817921.0	50.0	32.0	0.0	-22.6	Heavy construction (WKCD)
18	Area	Th9	0.000002696	834146.6	817921.0	50.0	32.0	0.0	-22.6	Wind erosion (WKCD)
19	Area	HB1	0.000019879	834306.9	818306.0	22.6	15.7	0.0	-35.0	Heavy construction (WKCD)
20	Area	HB1	0.000002696	834306.9	818306.0	22.6	15.7	0.0	-35.0	Wind erosion (WKCD)
21	Area	HB2	0.000019879	834430.0	818240.2	19.1	14.0	0.0	-35.5	Heavy construction (WKCD)
22	Area	HB2	0.000002696	834430.0	818240.2	19.1	14.0	0.0	-35.5	Wind erosion (WKCD)
23	Area	HB3	0.000019879	834488.0	818525.7	14.4	12.0	0.0	-22.4	Heavy construction (WKCD)
24	Area	HB3	0.000002696	834488.0	818525.7	14.4	12.0	0.0	-22.4	Wind erosion (WKCD)
25	Area	HB4	0.000019879	835360.4	818024.9	33.2	16.2	0.0	5.0	Heavy construction (WKCD)
26	Area	HB4	0.000002696	835360.4	818024.9	33.2	16.2	0.0	5.0	Wind erosion (WKCD)
27	Area	HB5	0.000019879	834573.8	818490.4	32.8	11.9	0.0	-22.4	Heavy construction (WKCD)
28	Area	HB5	0.000002696	834573.8	818490.4	32.8	11.9	0.0	-22.4	Wind erosion (WKCD)
29	Point	EP1	0.016666667	834221.9	818227.6	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
30	Point	EP2	0.016666667	834218.1	818219.8	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
31	Point	EP3	0.000229840	834220.7	818226.4	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
32	Point	EP4	0.000229840	834216.7	818218.9	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
33	Point	EP5	0.010833334	834226.1	818219.9	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
34	Point	EP6	0.010833334	834229.1	818225.8	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
35	Point	EP7	0.010833334	834216.6	818225.7	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
36	Point	EP8	0.010833334	834225.1	818214.1	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
37	Point	EP9	0.001635902	834260.5	818247.3	0.0	0.0	4.0	0.0	Concrete batching plant (WKCD)
38	Line	CBH1	0.000163385	834200.5	817975.6	834389.4	818110.8	0.5	3.0	Haul road to concrete batching plant (WKCD)
39	Line	CBH2	0.000163385	834141.2	818000.2	834200.5	817975.6	0.5	3.0	Haul road to concrete batching plant (WKCD)
40	Line	CBH3	0.000163385	834136.2	818048.9	834141.2	818000.2	0.5	3.0	Haul road to concrete batching plant (WKCD)
41	Line	CBH4	0.000163385	834237.6	818196.8	834136.2	818048.9	0.5	3.0	Haul road to concrete batching plant (WKCD)
42	Line	CBX1	0.000061220	834200.2	817978.8	834391.1	818108.3	0.5	3.0	Haul road to concrete batching plant (WKCD)
43	Line	CBX2	0.000061220	834144.0	818002.3	834200.2	817978.8	0.5	3.0	Haul road to concrete batching plant (WKCD)
44	Line	CBX3	0.000061220	834138.7	818047.2	834144.0	818002.3	0.5	3.0	Haul road to concrete batching plant (WKCD)
45	Line	CBX4	0.000061220	834240.1	818195.1	834138.7	818047.2	0.5	3.0	Haul road to concrete batching plant (WKCD)
46	Area	EP14-1	0.000008362	834249.2	818280.9	3.0	19.1	0.5	-1.4	Haul road within Concrete batching plant (WKCD)
47	Area	EP14-2	0.000008362	834235.9	818320.2	3.0	21.0	0.5	58.7	Haul road within Concrete batching plant (WKCD)
48	Area	EP14-3	0.000008362	834229.8	818268.3	3.0	19.3	0.5	0.9	Haul road within Concrete batching plant (WKCD)
49	Area	EP15-1	0.000039954	834238.5	818290.2	3.0	19.3	0.5	-11.2	Haul road within Concrete batching plant (WKCD)
50	Area	EP15-2	0.000039954	834246.6	818278.5	3.0	19.6	0.5	11.3	Haul road within Concrete batching plant (WKCD)
51	Area	EP16-1	0.000017038	834237.6	818279.6	3.0	30.0	0.5	0.8	Haul road within Concrete batching plant (WKCD)
52	Area	EP16-2	0.000017038	834231.5	818319.1	3.0	25.9	0.5	64.2	Haul road within Concrete batching plant (WKCD)
53	Area	EP17-1	0.000008520	834238.8	818257.8	3.0	19.9	0.5	6.8	Haul road within Concrete batching plant (WKCD)
54	Area	EP17-2	0.000008520	834221.6	818252.0	3.0	23.0	0.5	2.3	Haul road within Concrete batching plant (WKCD)
55	Area	EP21-1	0.000002727	834247.9	818290.7	3.0	20.1	0.5	18.8	Haul road within Concrete batching plant (WKCD)
56	Area	EP21-2	0.000002727	834228.7	818268.1	3.0	10.2	0.5	0.9	Haul road within Concrete batching plant (WKCD)
57	Area	EP22-1	0.000015247	834237.9	818270.1	3.0	19.3	0.5	22.7	Haul road within Concrete batching plant (WKCD)
58	Area	EP22-2	0.000015247	834245.4	818310.3	3.0	22.3	0.5	42.1	Haul road within Concrete batching plant (WKCD)
59	Area	EP23-1	0.000003258	834229.5	818245.5	3.0	7.8	0.5	33.4	Haul road within Concrete batching plant (WKCD)
60	Area	EP23-2	0.000003258	834238.0	818275.9	3.0	15.9	0.5	-5.0	Haul road within Concrete batching plant (WKCD)
61	Area	EP23-3	0.000003258	834220.9	818254.6	3.0	22.9	0.5	-3.5	Haul road within Concrete batching plant (WKCD)

Appendix 3.5 Tier 2 Data Input at the end of Year 2018 for ASR P52-1

No. of Source	Type of Source	ID	Emission (g/m <sup>2</sup> /s)	X-coordinate	Y-coordinate	Length (m)	Width (m)	Height (m)	Width / Angle	Description
1	Area	Ti1	0.000019879	834785.7	817995.7	68.5	30.0	0.0	4.0	Heavy construction (WKCD)
2	Area	Ti1	0.00002696	834785.7	817995.7	68.5	30.0	0.0	4.0	Wind erosion (WKCD)
3	Area	Ti2	0.000019879	833998.6	818041.8	50.0	25.5	0.0	55.6	Heavy construction (WKCD)
4	Area	Ti2	0.00002696	833998.6	818041.8	50.0	25.5	0.0	55.6	Wind erosion (WKCD)
5	Area	Ti3	0.000019879	834165.0	817990.2	69.0	31.9	0.0	-22.6	Heavy construction (WKCD)
6	Area	Ti3	0.00002696	834165.0	817990.2	69.0	31.9	0.0	-22.6	Wind erosion (WKCD)
7	Area	Ti4	0.000019879	834120.2	818031.0	30.0	26.9	0.0	55.6	Heavy construction (WKCD)
8	Area	Ti4	0.00002696	834120.2	818031.0	30.0	26.9	0.0	55.6	Wind erosion (WKCD)
9	Area	Ti5	0.000019879	834067.8	817902.4	70.0	54.7	0.0	-34.4	Heavy construction (WKCD)
10	Area	Ti5	0.00002696	834067.8	817902.4	70.0	54.7	0.0	-34.4	Wind erosion (WKCD)
11	Area	Ti6	0.000019879	834137.8	817924.7	69.0	32.0	0.0	-22.6	Heavy construction (WKCD)
12	Area	Ti6	0.00002696	834137.8	817924.7	69.0	32.0	0.0	-22.6	Wind erosion (WKCD)
13	Area	IB3	0.000019879	834488.0	818525.7	14.4	12.0	0.0	-22.4	Heavy construction (WKCD)
14	Area	IB3	0.00002696	834488.0	818525.7	14.4	12.0	0.0	-22.4	Wind erosion (WKCD)
15	Area	IB4	0.000019879	835360.4	818024.9	33.2	16.2	0.0	5.0	Heavy construction (WKCD)
16	Area	IB4	0.00002696	835360.4	818024.9	33.2	16.2	0.0	5.0	Wind erosion (WKCD)
17	Area	IB5	0.000019879	834573.8	818490.4	32.8	11.9	0.0	-22.4	Heavy construction (WKCD)
18	Area	IB5	0.00002696	834573.8	818490.4	32.8	11.9	0.0	-22.4	Wind erosion (WKCD)
19	Point	EP1	0.016666667	834221.9	818227.6	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
20	Point	EP2	0.016666667	834218.1	818219.8	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
21	Point	EP3	0.000229840	834220.7	818226.4	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
22	Point	EP4	0.000229840	834216.7	818218.9	0.0	0.0	13.0	0.0	Concrete batching plant (WKCD)
23	Point	EP5	0.010833334	834226.1	818219.9	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
24	Point	EP6	0.010833334	834229.1	818225.8	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
25	Point	EP7	0.010833334	834216.6	818225.7	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
26	Point	EP8	0.010833334	834225.1	818214.1	0.0	0.0	20.0	0.0	Concrete batching plant (XRL). 20m is height set in the model run, actual height is 21m.
27	Point	EP9	0.001635902	834260.5	818247.3	0.0	0.0	4.0	0.0	Concrete batching plant (WKCD)
28	Line	CBH1	0.000163385	834200.5	817975.6	834389.4	818110.8	0.5	3.0	Haul road to concrete batching plant (WKCD)
29	Line	CBH2	0.000163385	834141.2	818000.2	834200.5	817975.6	0.5	3.0	Haul road to concrete batching plant (WKCD)
30	Line	CBH3	0.000163385	834136.2	818048.9	834141.2	818000.2	0.5	3.0	Haul road to concrete batching plant (WKCD)
31	Line	CBH4	0.000163385	834237.6	818196.8	834136.2	818048.9	0.5	3.0	Haul road to concrete batching plant (WKCD)
32	Line	CBX1	0.000061220	834200.2	817978.8	834391.1	818108.3	0.5	3.0	Haul road to concrete batching plant (WKCD)
33	Line	CBX2	0.000061220	834144.0	818002.3	834200.2	817978.8	0.5	3.0	Haul road to concrete batching plant (WKCD)
34	Line	CBX3	0.000061220	834138.7	818047.2	834144.0	818002.3	0.5	3.0	Haul road to concrete batching plant (WKCD)
35	Line	CBX4	0.000061220	834240.1	818195.1	834138.7	818047.2	0.5	3.0	Haul road to concrete batching plant (WKCD)
36	Area	EP14-1	0.00008362	834249.2	818280.9	3.0	19.1	0.5	-1.4	Haul road within Concrete batching plant (WKCD)
37	Area	EP14-2	0.00008362	834235.9	818320.2	3.0	21.0	0.5	58.7	Haul road within Concrete batching plant (WKCD)
38	Area	EP14-3	0.00008362	834229.8	818268.3	3.0	19.3	0.5	0.9	Haul road within Concrete batching plant (WKCD)
39	Area	EP15-1	0.000039954	834238.5	818290.2	3.0	19.3	0.5	-11.2	Haul road within Concrete batching plant (WKCD)
40	Area	EP15-2	0.000039954	834246.6	818278.5	3.0	19.6	0.5	11.3	Haul road within Concrete batching plant (WKCD)
41	Area	EP16-1	0.000017038	834237.6	818279.6	3.0	30.0	0.5	0.8	Haul road within Concrete batching plant (WKCD)
42	Area	EP16-2	0.000017038	834231.5	818319.1	3.0	25.9	0.5	64.2	Haul road within Concrete batching plant (WKCD)
43	Area	EP17-1	0.00008520	834238.8	818257.8	3.0	19.9	0.5	6.8	Haul road within Concrete batching plant (WKCD)
44	Area	EP17-2	0.00008520	834221.6	818252.0	3.0	23.0	0.5	2.3	Haul road within Concrete batching plant (WKCD)
45	Area	EP21-1	0.00002727	834247.9	818290.7	3.0	20.1	0.5	18.8	Haul road within Concrete batching plant (WKCD)
46	Area	EP21-2	0.00002727	834228.7	818268.1	3.0	10.2	0.5	0.9	Haul road within Concrete batching plant (WKCD)
47	Area	EP22-1	0.000015247	834237.9	818270.1	3.0	19.3	0.5	22.7	Haul road within Concrete batching plant (WKCD)
48	Area	EP22-2	0.000015247	834245.4	818310.3	3.0	22.3	0.5	42.1	Haul road within Concrete batching plant (WKCD)
49	Area	EP23-1	0.00003258	834229.5	818245.5	3.0	7.8	0.5	33.4	Haul road within Concrete batching plant (WKCD)
50	Area	EP23-2	0.00003258	834238.0	818275.9	3.0	15.9	0.5	-5.0	Haul road within Concrete batching plant (WKCD)
51	Area	EP23-3	0.00003258	834220.9	818254.6	3.0	22.9	0.5	-3.5	Haul road within Concrete batching plant (WKCD)
52	Area	Ti7	0.000019879	834382.2	817956.7	49.0	49.0	0.0	-86.0	Heavy construction (WKCD)
53	Area	Ti7	0.00002696	834382.2	817956.7	49.0	49.0	0.0	-86.0	Wind erosion (WKCD)