Appendix 3.6 - Data Input File for Hourly TSP, Daily RSP and Daily FSP (Tier 1)

Hourly TSP (Tier 1):

No.	Type (2=Line, 3=Area)	Source ID	Emission Rate ($g/m^2/s$ or $g/m/s$) Working hour (mitigated)	Non-working hour (mitigated)	Working hour (unmitigated)	Non-working hour (unmitigated)	X1	Y1	X2 / X -width	Y2 / Y -width	Height (m)	Width / Angle (m / deg)	Decription
1	3	1	0.00002408	0.00000270	0.00029009	0.00000270	831969.8	843489.8	60.0	31.7	0.0	-72.2	Heavy Construction + Wind Erosion
2	3	2	0.00002408	0.00000270	0.00029009	0.00000270	831947.4	843468.4	33.0	24.0	0.0	-72.2	Heavy Construction + Wind Erosion
3	3	3	0.00002408	0.00000270	0.00029009	0.00000270	832053.9	843419.4	73.0	21.0	0.0	0.0	Heavy Construction + Wind Erosion
4	3	4	0.00002408	0.00000270	0.00029009	0.00000270	831974.2	843432.4	74.0	52.0	0.0	17.8	Heavy Construction + Wind Erosion
5	3	5	0.00002408	0.00000270	0.00029009	0.00000270	831933.5	843408.6	20.0	18.0	0.0	-72.2	Heavy Construction + Wind Erosion
6	3	6	0.00002408	0.00000270	0.00029009	0.00000270	831910.0	843433.2	42.0	32.0	0.0	-44.8	Heavy Construction + Wind Erosion
7	3	7	0.00002408	0.00000270	0.00029009	0.00000270	831897.2	843406.5	48.0	24.0	0.0	-44.8	Heavy Construction + Wind Erosion
8	3	8	0.00002408	0.00000270	0.00029009	0.00000270	832066.4	843394.9	73.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
9	3	9	0.00002408	0.00000270	0.00029009	0.00000270	832008.4	843394.9	43.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
10	3	10	0.00002408	0.00000270	0.00029009	0.00000270	831953.9	843388.6	66.0	15.4	0.0	0.0	Heavy Construction + Wind Erosion
11	3	11	0.00002408	0.00000270	0.00029009	0.00000270	832062.4	843352.8	109.0	56.2	0.0	0.0	Heavy Construction + Wind Erosion
12	3	12	0.00002408	0.00000270	0.00029009	0.00000270	832015.1	843309.3	30.8	14.3	0.0	90.0	Heavy Construction + Wind Erosion
13	3	13	0.00002408	0.00000270	0.00029009	0.00000270	831861.8	843355.9	50.0	23.0	0.0	90.0	Heavy Construction + Wind Erosion
14	3	14	0.00002408	0.00000270	0.00029009	0.00000270	831834.1	843369.6	32.4	9.5	0.0	0.0	Heavy Construction + Wind Erosion
15	3	15	0.00002408	0.00000270	0.00029009	0.00000270	831789.3	843380.6	57.0	31.5	0.0	0.0	Heavy Construction + Wind Erosion
16	3	16	0.00002408	0.00000270	0.00029009	0.00000270	832077.5	843318.4	53.5	12.5	0.0	0.0	Heavy Construction + Wind Erosion
17	3	17	0.00002408	0.00000270	0.00029009	0.00000270	832060.2	843300.6	23.0	19.0	0.0	90.0	Heavy Construction + Wind Erosion
18	3	18	0.00002408	0.00000270	0.00029009	0.00000270	832036.5	843293.1	63.0	28.5	0.0	90.0	Heavy Construction + Wind Erosion
19	3	19	0.00002408	0.00000270	0.00029009	0.00000270	831974.0	843266.0	95.5	55.7	0.0	0.0	Heavy Construction + Wind Erosion
20	3	20	0.00002408	0.00000270	0.00029009	0.00000270	831897.1	843337.4	87.0	47.6	0.0	90.0	Heavy Construction + Wind Erosion
21	3	21	0.00002408	0.00000270	0.00029009	0.00000270	831861.8	843312.4	37.0	23.0	0.0	90.0	Heavy Construction + Wind Erosion
22	3	22	0.00002408	0.00000270	0.00029009	0.00000270	831814.8	843329.4	71.0	71.0	0.0	0.0	Heavy Construction + Wind Erosion
23	3	24	0.00002408	0.00000270	0.00029009	0.00000270	831902.3	843280.1	48.8	27.6	0.0	0.0	Heavy Construction + Wind Erosion
24	3	25	0.00002408	0.00000270	0.00029009	0.00000270	831858.9	843276.9	38.0	34.0	0.0	0.0	Heavy Construction + Wind Erosion
25	3	26	0.00002408	0.00000270	0.00029009	0.00000270	831862.9	843236.0	47.7	30.0	0.0	90.0	Heavy Construction + Wind Erosion
26	3	27	0.00002408	0.00000270	0.00029009	0.00000270	831999.7	843147.6	28.0	7.1	0.0	0.0	Heavy Construction + Wind Erosion
27	3	28	0.00002408	0.00000270	0.00029009	0.00000270	831902.3	843186.3	160.0	48.8	0.0	90.0	Heavy Construction + Wind Erosion
28	3	29	0.00002408	0.00000270	0.00029009	0.00000270	832024.2	843189.4	76.5	21.0	0.0	90.0	Heavy Construction + Wind Erosion
29	3	30	0.00002408	0.00000270	0.00029009	0.00000270	831869.9	843200.1	24.0	16.0	0.0	90.0	Heavy Construction + Wind Erosion
30	3	31	0.00002408	0.00000270	0.00029009	0.00000270	831845.9	843193.0	32.0	9.7	0.0	0.0	Heavy Construction + Wind Erosion
31	3	32	0.00002408	0.00000270	0.00029009	0.00000270	831839.9	843164.3	76.0	47.7	0.0	0.0	Heavy Construction + Wind Erosion
32	3	33	0.00002408	0.00000270	0.00029009	0.00000270	831791.6	843163.7	24.0	20.3	0.0	90.0	Heavy Construction + Wind Erosion
33	3	34	0.00002408	0.00000270	0.00029009	0.00000270	831956.2	843128.7	59.0	44.8	0.0	0.0	Heavy Construction + Wind Erosion
34	3	35	0.00002408	0.00000270	0.00029009	0.00000270	831864.8	843123.4	34.1	26.2	0.0	90.0	Heavy Construction + Wind Erosion
35	3	36	0.00002408	0.00000270	0.00029009	0.00000270	831947.0	843026.3	160.0	40.5	0.0	90.0	Heavy Construction + Wind Erosion
36	3	37	0.00002408	0.00000270	0.00029009	0.00000270	831899.7	843026.3	160.0	54.0	0.0	90.0	Heavy Construction + Wind Erosion
37	3	38	0.00002408	0.00000270	0.00029009	0.00000270	831866.7	843081.5	49.7	12.0	0.0	90.0	Heavy Construction + Wind Erosion
38	3	39	0.00002408	0.00000270	0.00029009	0.00000270	831854.0	843030.1	53.1	37.5	0.0	90.0	Heavy Construction + Wind Erosion
39	3	40	0.00002408	0.00000270	0.00029009	0.00000270	831846.2	842992.5	53.0	22.0	0.0	0.0	Heavy Construction + Wind Erosion
40	3	41	0.00002408	0.00000270	0.00029009	0.00000270	831789.7	842988.0	60.1	13.0	0.0	0.0	Heavy Construction + Wind Erosion
41	3	42	0.00002408	0.00000270	0.00029009	0.00000270	831722.6	842992.5	74.0	22.0	0.0	0.0	Heavy Construction + Wind Erosion
42	3	43	0.00002408	0.00000270	0.00029009	0.00000270	831903.7	842893.3	62.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
43	3	44	0.00002408	0.00000270	0.00029009	0.00000270	831917.7	842926.8	90.0	39.0	0.0	0.0	Heavy Construction + Wind Erosion
44	3	45	0.00002408	0.00000270	0.00029009	0.00000270	831850.2	842920.1	122.9	45.1	0.0	90.0	Heavy Construction + Wind Erosion
45	3	46	0.00002408	0.00000270	0.00029009	0.00000270	831790.1	842931.5	100.0	75.0	0.0	90.0	Heavy Construction + Wind Erosion
46	3	47	0.00002408	0.00000270	0.00029009	0.00000270	831715.1	842931.5	100.0	75.0	0.0	90.0	Heavy Construction + Wind Erosion
47	3	48	0.00002408	0.00000270	0.00029009	0.00000270	831735.2	842732.9	90.0	60.0	0.0	-55.0	Heavy Construction + Wind Erosion
48	3	49	0.00002408	0.00000270	0.00029009	0.00000270	831784.4	842767.4	90.0	60.0	0.0	-55.0	Heavy Construction + Wind Erosion
49	3	50	0.00002408	0.00000270	0.00029009	0.00000270	831840.1	842846.6	20.0	14.0	0.0	-64.2	Heavy Construction + Wind Erosion
50	3	51	0.00002408	0.00000270	0.00029009	0.00000270	831820.5	842837.7	31.0	29.0	0.0	-64.2	Heavy Construction + Wind Erosion
51	3	52	0.00002408	0.00000270	0.00029009	0.00000270	831964.4	843337.4	87.0	87.0	0.0	0.0	Heavy Construction + Wind Erosion
52	3	23	0.00000066	0.00000054	0.00000332	0.00000270	831970.2	843194.6	87.0	87.0	0.0	0.0	Stockpile + Wind Erosion
53	2	R24	0.00028893	0.00003234	0.00348106	0.00003234	831967.9	842920.0	831991.5	842955.2	0.5	12.0	Heavy Construction + Wind Erosion
54	2	R25	0.00028893	0.00003234	0.00348106	0.00003234	831967.9	842920.0	831907.8	842868.3	0.5	12.0	Heavy Construction + Wind Erosion
55	2	R26	0.00028893	0.00003234	0.00348106	0.00003234	831907.8	842868.3	831808.5	842864.1	0.5	12.0	Heavy Construction + Wind Erosion
56	2	R27	0.00028893	0.00003234	0.00348106	0.00003234	831808.5	842864.1	831726.2	842817.5	0.5	12.0	Heavy Construction + Wind Erosion
57	2	R28	0.00028893	0.00003234	0.00348106	0.00003234	831726.2	842817.5	831648.2	842720.2	0.5	12.0	Heavy Construction + Wind Erosion
58	2	R29	0.00028893	0.00003234	0.00348106	0.00003234	831648.2	842720.2	831572.8	842704.2	0.5	12.0	Heavy Construction + Wind Erosion
59	2	R30	0.00028893	0.00003234	0.00348106	0.00003234	831572.8	842704.2	831484.5	842750.1	0.5	12.0	Heavy Construction + Wind Erosion
60	2	R31	0.00028893	0.00003234	0.00348106	0.00003234	831484.5	842750.1	831398.9	842809.9	0.5	12.0	Heavy Construction + Wind Erosion
61	2	R32	0.00028893	0.00003234	0.00348106	0.00003234	831398.9	842809.9	831289.6	842950.4	0.5	12.0	Heavy Construction + Wind Erosion
62	2	R33	0.00028893	0.00003234	0.00348106	0.00003234	831289.6	842950.4	831221.9	842964.0	0.5	12.0	Heavy Construction + Wind Erosion
63	2	R34	0.00028893	0.00003234	0.00348106	0.00003234	831221.9	842964.0	831171.9	842943.0	0.5	12.0	Heavy Construction + Wind Erosion
64	2	R35	0.00028893	0.00003234	0.00348106	0.00003234	831171.9	842943.0	831008.4	842728.8	0.5	12.0	Heavy Construction + Wind Erosion
65	2	R36	0.00028893	0.00003234	0.00348106	0.00003234	831008.4	842728.8	830891.5	842639.6	0.5	12.0	Heavy Construction + Wind Erosion
66	2	R37	0.00028893	0.00003234	0.00348106	0.00003234	830891.5	842639.6	830819.8	842567.0	0.5	12.0	Heavy Construction + Wind Erosion
67	2	R38	0.00028893	0.00003234	0.00348106	0.00003234	830819.8	842567.0	830685.8	842532.9	0.5	12.0	Heavy Construction + Wind Erosion
68	2	R39	0.00028893	0.00003234	0.00348106	0.00003234	830685.8	842532.9	830618.8	842465.2	0.5	12.0	Heavy Construction + Wind Erosion
69	2	R40	0.00028893	0.00003234	0.00348106	0.00003234	831637.5	842756.4	831649.0	842782.8	0.5	12.0	Heavy Construction + Wind Erosion
70	2	C1	0.00072232	0.00008086	0.00870265	0.00008086	830847.5	842254.8	830727.3	842416.2	0.0	30.0	Concurrent Project (HC+WE)
71	2	C2	0.00072232	0.00008086	0.00870265	0.00008086	830727.3	842416.2	830636.2	842482.9	0.0	30.0	Concurrent Project (HC+WE)
72	3	C3	0.00002408	0.00000270	0.00029009	0.00000270	830610.9	842507.8	71.0	42.0	0.0	-44.7	Concurrent Project (HC+WE)
73	2	C4	0.00048155	0.00005391	0.00580177	0.00005391	830589.9	842537.0	830634.7	842779.6	0.0	20.0	Concurrent Project (HC+WE)
74	2	C5	0.00048155	0.00005391	0.00580177	0.00005391	830634.7	842779.6	831003.6	843162.6	0.0	20.0	Concurrent Project (HC+WE)
75	3	C6	0.00002408	0.00000270	0.00029009	0.00000270	830935.6	843182.3	145.0	53.0	0.0	-80.2	Concurrent Project (HC+WE)
76	3	C7	0.00002408	0.00000270	0.00029009	0.00000270	830894.7	843305.6	99.5	53.0	0.0	-59.4	Concurrent Project (HC+WE)
77	3	C8	0.00002408	0.00000270	0.00029009	0.00000270	831015.5	843197.5	67.0	40.0	0.0	46.1	Concurrent Project (HC+WE)
78	2	C9	0.00048155	0.00005391	0.00580177	0.00005391	831050.0	843210.9	831177.2	843323.7	0.0	20.0	Concurrent Project (HC+WE)
79	3	C10	0.00002408	0.00000270	0.00029009	0.00000270	831186.9	843360.8	64.0	53.0	0.0	41.6	Concurrent Project (HC+WE)
80	3	C11	0.00002408	0.00000270	0.00029009	0.00000270	831196.0	843436.4	69.0	28.0	0.0	90.0	Concurrent Project (HC+WE)
81	2	C12	0.00036116	0.00004043	0.00435133	0.00004043	831657.7	843916.9	831721.6	843964.4	0.0	15.0	Concurrent Project (HC+WE)
82	2	C13	0.00036116	0.00004043	0.00435133	0.00004043	831721.6	843964.4	831794.5	843994.1	0.0	15.0	Concurrent Project (HC+WE)
83	2	C14	0.00036116	0.00004043	0.00435133	0.00004043	831794.5	843994.1	831826.0	844026.8	0.0	15.0	Concurrent Project (HC+WE)
84	3	S2	0.00003263	0.00000270	0.00024219	0.00000270	831341.7	843129.0	94.9	28.0	0.0	19.4	Concurrent Project (HC+WE)
85	3	S3	0.00003263	0.00000270	0.00024219	0.00000270	831371.2	843111.5	50.9	24.5	0.0	19.4	Concurrent Project (HC+WE)
86	3	S4	0.00003263	0.00000270	0.00024219	0.00000270	831390.2	843083.3	41.3	33.8	0.0	-70.6	Concurrent Project (HC+WE)
87	3	S5	0.00003263	0.00000270	0.00024219	0.00000270	831419.4	843086.0	27.0	23.0	0.0	-70.6	Concurrent Project (HC+WE)
88	3	S6	0.00003263	0.00000270	0.00024219	0.00000270	831382.8	843015.9	41.0	25.0	0.0	-70.6	Concurrent Project (HC+WE)
89	3	S7	0.00003263	0.00000270	0.00024219	0.00000270	831418.1	843038.9	61.0	56.8	0.0	-70.6	Concurrent Project (HC+WE)
90	3	S1	0.00000066	0.00000054	0.00000329	0.00000270	831332.4	843155.4	94.9	28.0	0.0	19.4	Concurrent Project (Stockpile + WE)
91	3	S8	0.00000066	0.00000054	0.00000329	0.00000270	831455.2	843052.0	61.0	21.9	0.0	-70.6	Concurrent Project (Stockpile + WE)

Appendix 3.6 - Data Input File for Hourly TSP, Daily RSP and Daily FSP (Tier 1)

Daily RSP (Tier 1):

No.	Type (2=Line, 3=Area)	Source ID	Emission Rate ($g/m^2/s$ or $g/m/s$) Working hour (mitigated)	Non-working hour (mitigated)	Working hour (unmitigated)	Non-working hour (unmitigated)	X1	Y1	X2 / X -width	Y2 / Y -width	Height (m)	Width / Angle (m / deg)	Decription
1	3	1	0.00000722	0.00000081	0.00008703	0.00000081	831969.8	843489.8	60.0	31.7	0.0	-72.2	Heavy Construction + Wind Erosion
2	3	2	0.00000722	0.00000081	0.00008703	0.00000081	831947.4	843468.4	33.0	24.0	0.0	-72.2	Heavy Construction + Wind Erosion
3	3	3	0.00000722	0.00000081	0.00008703	0.00000081	832053.9	843419.4	73.0	21.0	0.0	0.0	Heavy Construction + Wind Erosion
4	3	4	0.00000722	0.00000081	0.00008703	0.00000081	831974.2	843432.4	74.0	52.0	0.0	17.8	Heavy Construction + Wind Erosion
5	3	5	0.00000722	0.00000081	0.00008703	0.00000081	831933.5	843408.6	20.0	18.0	0.0	-72.2	Heavy Construction + Wind Erosion
6	3	6	0.00000722	0.00000081	0.00008703	0.00000081	831910.0	843433.2	42.0	32.0	0.0	-44.8	Heavy Construction + Wind Erosion
7	3	7	0.00000722	0.00000081	0.00008703	0.00000081	831897.2	843406.5	48.0	24.0	0.0	-44.8	Heavy Construction + Wind Erosion
8	3	8	0.00000722	0.00000081	0.00008703	0.00000081	832066.4	843394.9	73.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
9	3	9	0.00000722	0.00000081	0.00008703	0.00000081	832008.4	843394.9	43.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
10	3	10	0.00000722	0.00000081	0.00008703	0.00000081	831953.9	843388.6	66.0	15.4	0.0	0.0	Heavy Construction + Wind Erosion
11	3	11	0.00000722	0.00000081	0.00008703	0.00000081	832062.4	843352.8	109.0	56.2	0.0	0.0	Heavy Construction + Wind Erosion
12	3	12	0.00000722	0.00000081	0.00008703	0.00000081	832015.1	843309.3	30.8	14.3	0.0	90.0	Heavy Construction + Wind Erosion
13	3	13	0.00000722	0.00000081	0.00008703	0.00000081	831861.8	843355.9	50.0	23.0	0.0	90.0	Heavy Construction + Wind Erosion
14	3	14	0.00000722	0.00000081	0.00008703	0.00000081	831834.1	843369.6	32.4	9.5	0.0	0.0	Heavy Construction + Wind Erosion
15	3	15	0.00000722	0.00000081	0.00008703	0.00000081	831789.3	843380.6	57.0	31.5	0.0	0.0	Heavy Construction + Wind Erosion
16	3	16	0.00000722	0.00000081	0.00008703	0.00000081	832077.5	843318.4	53.5	12.5	0.0	0.0	Heavy Construction + Wind Erosion
17	3	17	0.00000722	0.00000081	0.00008703	0.00000081	832060.2	843300.6	23.0	19.0	0.0	90.0	Heavy Construction + Wind Erosion
18	3	18	0.00000722	0.00000081	0.00008703	0.00000081	832036.5	843293.1	63.0	28.5	0.0	90.0	Heavy Construction + Wind Erosion
19	3	19	0.00000722	0.00000081	0.00008703	0.00000081	831974.0	843266.0	95.5	55.7	0.0	0.0	Heavy Construction + Wind Erosion
20	3	20	0.00000722	0.00000081	0.00008703	0.00000081	831897.1	843337.4	87.0	47.6	0.0	90.0	Heavy Construction + Wind Erosion
21	3	21	0.00000722	0.00000081	0.00008703	0.00000081	831861.8	843312.4	37.0	23.0	0.0	90.0	Heavy Construction + Wind Erosion
22	3	22	0.00000722	0.00000081	0.00008703	0.00000081	831814.8	843329.4	71.0	71.0	0.0	0.0	Heavy Construction + Wind Erosion
23	3	24	0.00000722	0.00000081	0.00008703	0.00000081	831902.3	843280.1	48.8	27.6	0.0	0.0	Heavy Construction + Wind Erosion
24	3	25	0.00000722	0.00000081	0.00008703	0.00000081	831858.9	843276.9	38.0	34.0	0.0	0.0	Heavy Construction + Wind Erosion
25	3	26	0.00000722	0.00000081	0.00008703	0.00000081	831862.9	843236.0	47.7	30.0	0.0	90.0	Heavy Construction + Wind Erosion
26	3	27	0.00000722	0.00000081	0.00008703	0.00000081	831999.7	843147.6	28.0	7.1	0.0	0.0	Heavy Construction + Wind Erosion
27	3	28	0.00000722	0.00000081	0.00008703	0.00000081	831902.3	843186.3	160.0	48.8	0.0	90.0	Heavy Construction + Wind Erosion
28	3	29	0.00000722	0.00000081	0.00008703	0.00000081	832024.2	843189.4	76.5	21.0	0.0	90.0	Heavy Construction + Wind Erosion
29	3	30	0.00000722	0.00000081	0.00008703	0.00000081	831869.9	843200.1	24.0	16.0	0.0	90.0	Heavy Construction + Wind Erosion
30	3	31	0.00000722	0.00000081	0.00008703	0.00000081	831845.9	843193.0	32.0	9.7	0.0	0.0	Heavy Construction + Wind Erosion
31	3	32	0.00000722	0.00000081	0.00008703	0.00000081	831839.9	843164.3	76.0	47.7	0.0	0.0	Heavy Construction + Wind Erosion
32	3	33	0.00000722	0.00000081	0.00008703	0.00000081	831791.6	843163.7	24.0	20.3	0.0	90.0	Heavy Construction + Wind Erosion
33	3	34	0.00000722	0.00000081	0.00008703	0.00000081	831956.2	843128.7	59.0	44.8	0.0	0.0	Heavy Construction + Wind Erosion
34	3	35	0.00000722	0.00000081	0.00008703	0.00000081	831864.8	843123.4	34.1	26.2	0.0	90.0	Heavy Construction + Wind Erosion
35	3	36	0.00000722	0.00000081	0.00008703	0.00000081	831947.0	843026.3	160.0	40.5	0.0	90.0	Heavy Construction + Wind Erosion
36	3	37	0.00000722	0.00000081	0.00008703	0.00000081	831899.7	843026.3	160.0	54.0	0.0	90.0	Heavy Construction + Wind Erosion
37	3	38	0.00000722	0.00000081	0.00008703	0.00000081	831866.7	843081.5	49.7	12.0	0.0	90.0	Heavy Construction + Wind Erosion
38	3	39	0.00000722	0.00000081	0.00008703	0.00000081	831854.0	843030.1	53.1	37.5	0.0	90.0	Heavy Construction + Wind Erosion
39	3	40	0.00000722	0.00000081	0.00008703	0.00000081	831846.2	842992.5	53.0	22.0	0.0	0.0	Heavy Construction + Wind Erosion
40	3	41	0.00000722	0.00000081	0.00008703	0.00000081	831789.7	842988.0	60.1	13.0	0.0	0.0	Heavy Construction + Wind Erosion
41	3	42	0.00000722	0.00000081	0.00008703	0.00000081	831722.6	842992.5	74.0	22.0	0.0	0.0	Heavy Construction + Wind Erosion
42	3	43	0.00000722	0.00000081	0.00008703	0.00000081	831903.7	842893.3	62.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
43	3	44	0.00000722	0.00000081	0.00008703	0.00000081	831917.7	842926.8	90.0	39.0	0.0	0.0	Heavy Construction + Wind Erosion
44	3	45	0.00000722	0.00000081	0.00008703	0.00000081	831850.2	842920.1	122.9	45.1	0.0	90.0	Heavy Construction + Wind Erosion
45	3	46	0.00000722	0.00000081	0.00008703	0.00000081	831790.1	842931.5	100.0	75.0	0.0	90.0	Heavy Construction + Wind Erosion
46	3	47	0.00000722	0.00000081	0.00008703	0.00000081	831715.1	842931.5	100.0	75.0	0.0	90.0	Heavy Construction + Wind Erosion
47	3	48	0.00000722	0.00000081	0.00008703	0.00000081	831735.2	842732.9	90.0	60.0	0.0	-55.0	Heavy Construction + Wind Erosion
48	3	49	0.00000722	0.00000081	0.00008703	0.00000081	831784.4	842767.4	90.0	60.0	0.0	-55.0	Heavy Construction + Wind Erosion
49	3	50	0.00000722	0.00000081	0.00008703	0.00000081	831840.1	842846.6	20.0	14.0	0.0	-64.2	Heavy Construction + Wind Erosion
50	3	51	0.00000722	0.00000081	0.00008703	0.00000081	831820.5	842837.7	31.0	29.0	0.0	-64.2	Heavy Construction + Wind Erosion
51	3	52	0.00000722	0.00000081	0.00008703	0.00000081	831964.4	843337.4	87.0	87.0	0.0	0.0	Heavy Construction + Wind Erosion
52	3	23	0.00000060	0.00000054	0.00000299	0.00000270	831970.2	843194.6	87.0	87.0	0.0	0.0	Stockpile + Wind Erosion
53	2	R24	0.00008668	0.00000970	0.00104432	0.00000970	831967.9	842920.0	831991.5	842955.2	0.5	12.0	Heavy Construction + Wind Erosion
54	2	R25	0.00008668	0.00000970	0.00104432	0.00000970	831967.9	842920.0	831907.8	842868.3	0.5	12.0	Heavy Construction + Wind Erosion
55	2	R26	0.00008668	0.00000970	0.00104432	0.00000970	831907.8	842868.3	831808.5	842864.1	0.5	12.0	Heavy Construction + Wind Erosion
56	2	R27	0.00008668	0.00000970	0.00104432	0.00000970	831808.5	842864.1	831726.2	842817.5	0.5	12.0	Heavy Construction + Wind Erosion
57	2	R28	0.00008668	0.00000970	0.00104432	0.00000970	831726.2	842817.5	831648.2	842720.2	0.5	12.0	Heavy Construction + Wind Erosion
58	2	R29	0.00008668	0.00000970	0.00104432	0.00000970	831648.2	842720.2	831572.8	842704.2	0.5	12.0	Heavy Construction + Wind Erosion
59	2	R30	0.00008668	0.00000970	0.00104432	0.00000970	831572.8	842704.2	831484.5	842750.1	0.5	12.0	Heavy Construction + Wind Erosion
60	2	R31	0.00008668	0.00000970	0.00104432	0.00000970	831484.5	842750.1	831398.9	842809.9	0.5	12.0	Heavy Construction + Wind Erosion
61	2	R32	0.00008668	0.00000970	0.00104432	0.00000970	831398.9	842809.9	831289.6	842950.4	0.5	12.0	Heavy Construction + Wind Erosion
62	2	R33	0.00008668	0.00000970	0.00104432	0.00000970	831289.6	842950.4	831221.9	842964.0	0.5	12.0	Heavy Construction + Wind Erosion
63	2	R34	0.00008668	0.00000970	0.00104432	0.00000970	831221.9	842964.0	831171.9	842943.0	0.5	12.0	Heavy Construction + Wind Erosion
64	2	R35	0.00008668	0.00000970	0.00104432	0.00000970	831171.9	842943.0	831008.4	842728.8	0.5	12.0	Heavy Construction + Wind Erosion
65	2	R36	0.00008668	0.00000970	0.00104432	0.00000970	831008.4	842728.8	830891.5	842639.6	0.5	12.0	Heavy Construction + Wind Erosion
66	2	R37	0.00008668	0.00000970	0.00104432	0.00000970	830891.5	842639.6	830819.8	842567.0	0.5	12.0	Heavy Construction + Wind Erosion
67	2	R38	0.00008668	0.00000970	0.00104432	0.00000970	830819.8	842567.0	830685.8	842532.9	0.5	12.0	Heavy Construction + Wind Erosion
68	2	R39	0.00008668	0.00000970	0.00104432	0.00000970	830685.8	842532.9	830618.8	842465.2	0.5	12.0	Heavy Construction + Wind Erosion
69	2	R40	0.00008668	0.00000970	0.00104432	0.00000970	831637.5	842756.4	831649.0	842782.8	0.5	12.0	Heavy Construction + Wind Erosion
70	2	C1	0.00021670	0.00002426	0.00261080	0.00002426	830847.5	842254.8	830727.3	842416.2	0.0	30.0	Concurrent Project (HC+WE)
71	2	C2	0.00021670	0.00002426	0.00261080	0.00002426	830727.3	842416.2	830636.2	842482.9	0.0	30.0	Concurrent Project (HC+WE)
72	3	C3	0.00000722	0.00000081	0.00008703	0.00000081	830610.9	842507.8	71.0	42.0	0.0	-44.7	Concurrent Project (HC+WE)
73	2	C4	0.00014446	0.00001617	0.00174053	0.00001617	830589.9	842537.0	830634.7	842779.6	0.0	20.0	Concurrent Project (HC+WE)
74	2	C5	0.00014446	0.00001617	0.00174053	0.00001617	830634.7	842779.6	831003.6	843162.6	0.0	20.0	Concurrent Project (HC+WE)
75	3	C6	0.00000722	0.00000081	0.00008703	0.00000081	830935.6	843182.3	145.0	53.0	0.0	-80.2	Concurrent Project (HC+WE)
76	3	C7	0.00000722	0.00000081	0.00008703	0.00000081	830894.7	843305.6	99.5	53.0	0.0	-59.4	Concurrent Project (HC+WE)
77	3	C8	0.00000722	0.00000081	0.00008703	0.00000081	831015.5	843197.5	67.0	40.0	0.0	46.1	Concurrent Project (HC+WE)
78	2	C9	0.00014446	0.00001617	0.00174053	0.00001617	831050.0	843210.9	831177.2	843323.7	0.0	20.0	Concurrent Project (HC+WE)
79	3	C10	0.00000722	0.00000081	0.00008703	0.00000081	831186.9	843360.8	64.0	53.0	0.0	41.6	Concurrent Project (HC+WE)
80	3	C11	0.00000722	0.00000081	0.00008703	0.00000081	831196.0	843436.4	69.0	28.0	0.0	90.0	Concurrent Project (HC+WE)
81	2	C12	0.00010835	0.00001213	0.00130540	0.00001213	831657.7	843916.9	831721.6	843964.4	0.0	15.0	Concurrent Project (HC+WE)
82	2	C13	0.00010835	0.00001213	0.00130540	0.00001213	831721.6	843964.4	831794.5	843994.1	0.0	15.0	Concurrent Project (HC+WE)
83	2	C14	0.00010835	0.00001213	0.00130540	0.00001213	831794.5	843994.1	831826.0	844026.8	0.0	15.0	Concurrent Project (HC+WE)
84	3	S2	0.00000979	0.00000081	0.00007266	0.00000081	831341.7	843129.0	94.9	28.0	0.0	19.4	Concurrent Project (HC+WE)
85	3	S3	0.00000979	0.00000081	0.00007266	0.00000081	831371.2	843111.5	50.9	24.5	0.0	19.4	Concurrent Project (HC+WE)
86	3	S4	0.00000979	0.00000081	0.00007266	0.00000081	831390.2	843083.3	41.3	33.8	0.0	-70.6	Concurrent Project (HC+WE)
87	3	S5	0.00000979	0.00000081	0.00007266	0.00000081	831419.4	843086.0	27.0	23.0	0.0	-70.6	Concurrent Project (HC+WE)
88	3	S6	0.00000979	0.00000081	0.00007266	0.00000081	831382.8	843015.9	41.0	25.0	0.0	-70.6	Concurrent Project (HC+WE)
89	3	S7	0.00000979	0.00000081	0.00007266	0.00000081	831418.1	843038.9	61.0	56.8	0.0	-70.6	Concurrent Project (HC+WE)
90	3	S1	0.00000060	0.00000054	0.00000298	0.00000270	831332.4	843155.4	94.9	28.0	0.0	19.4	Concurrent Project (Stockpile + WE)
91	3	S8	0.00000060	0.00000054	0.00000298	0.00000270	831455.2	843052.0	61.0	21.9	0.0	-70.6	Concurrent Project (Stockpile + WE)

Appendix 3.6 - Data Input File for Hourly TSP, Daily RSP and Daily FSP (Tier 1)

Daily FSP (Tier 1):

No.	Type (2=Line, 3=Area)	Source ID	Emission Rate ($g/m^2/s$ or $g/m/s$) Working hour (unmitigated)	Non-working hour (unmitigated)	X1	Y1	X2 / X -width	Y2 / Y -width	Height (m)	Width / Angle (m / deg)	Decription
1	3	1	0.00000870	0.00000008	831969.8	843489.8	60.0	31.7	0.0	-72.2	Heavy Construction + Wind Erosion
2	3	2	0.00000870	0.00000008	831947.4	843468.4	33.0	24.0	0.0	-72.2	Heavy Construction + Wind Erosion
3	3	3	0.00000870	0.00000008	832053.9	843419.4	73.0	21.0	0.0	0.0	Heavy Construction + Wind Erosion
4	3	4	0.00000870	0.00000008	831974.2	843432.4	74.0	52.0	0.0	17.8	Heavy Construction + Wind Erosion
5	3	5	0.00000870	0.00000008	831933.5	843408.6	20.0	18.0	0.0	-72.2	Heavy Construction + Wind Erosion
6	3	6	0.00000870	0.00000008	831910.0	843433.2	42.0	32.0	0.0	-44.8	Heavy Construction + Wind Erosion
7	3	7	0.00000870	0.00000008	831897.2	843406.5	48.0	24.0	0.0	-44.8	Heavy Construction + Wind Erosion
8	3	8	0.00000870	0.00000008	832066.4	843394.9	73.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
9	3	9	0.00000870	0.00000008	832008.4	843394.9	43.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
10	3	10	0.00000870	0.00000008	831953.9	843388.6	66.0	15.4	0.0	0.0	Heavy Construction + Wind Erosion
11	3	11	0.00000870	0.00000008	832062.4	843352.8	109.0	56.2	0.0	0.0	Heavy Construction + Wind Erosion
12	3	12	0.00000870	0.00000008	832015.1	843309.3	30.8	14.3	0.0	90.0	Heavy Construction + Wind Erosion
13	3	13	0.00000870	0.00000008	831861.8	843355.9	50.0	23.0	0.0	90.0	Heavy Construction + Wind Erosion
14	3	14	0.00000870	0.00000008	831834.1	843369.6	32.4	9.5	0.0	0.0	Heavy Construction + Wind Erosion
15	3	15	0.00000870	0.00000008	831789.3	843380.6	57.0	31.5	0.0	0.0	Heavy Construction + Wind Erosion
16	3	16	0.00000870	0.00000008	832077.5	843318.4	53.5	12.5	0.0	0.0	Heavy Construction + Wind Erosion
17	3	17	0.00000870	0.00000008	832060.2	843300.6	23.0	19.0	0.0	90.0	Heavy Construction + Wind Erosion
18	3	18	0.00000870	0.00000008	832036.5	843293.1	63.0	28.5	0.0	90.0	Heavy Construction + Wind Erosion
19	3	19	0.00000870	0.00000008	831974.0	843266.0	95.5	55.7	0.0	0.0	Heavy Construction + Wind Erosion
20	3	20	0.00000870	0.00000008	831897.1	843337.4	87.0	47.6	0.0	90.0	Heavy Construction + Wind Erosion
21	3	21	0.00000870	0.00000008	831861.8	843312.4	37.0	23.0	0.0	90.0	Heavy Construction + Wind Erosion
22	3	22	0.00000870	0.00000008	831814.8	843329.4	71.0	71.0	0.0	0.0	Heavy Construction + Wind Erosion
23	3	24	0.00000870	0.00000008	831902.3	843280.1	48.8	27.6	0.0	0.0	Heavy Construction + Wind Erosion
24	3	25	0.00000870	0.00000008	831858.9	843276.9	38.0	34.0	0.0	0.0	Heavy Construction + Wind Erosion
25	3	26	0.00000870	0.00000008	831862.9	843236.0	47.7	30.0	0.0	90.0	Heavy Construction + Wind Erosion
26	3	27	0.00000870	0.00000008	831999.7	843147.6	28.0	7.1	0.0	0.0	Heavy Construction + Wind Erosion
27	3	28	0.00000870	0.00000008	831902.3	843186.3	160.0	48.8	0.0	90.0	Heavy Construction + Wind Erosion
28	3	29	0.00000870	0.00000008	832024.2	843189.4	76.5	21.0	0.0	90.0	Heavy Construction + Wind Erosion
29	3	30	0.00000870	0.00000008	831869.9	843200.1	24.0	16.0	0.0	90.0	Heavy Construction + Wind Erosion
30	3	31	0.00000870	0.00000008	831845.9	843193.0	32.0	9.7	0.0	0.0	Heavy Construction + Wind Erosion
31	3	32	0.00000870	0.00000008	831839.9	843164.3	76.0	47.7	0.0	0.0	Heavy Construction + Wind Erosion
32	3	33	0.00000870	0.00000008	831791.6	843163.7	24.0	20.3	0.0	90.0	Heavy Construction + Wind Erosion
33	3	34	0.00000870	0.00000008	831956.2	843128.7	59.0	44.8	0.0	0.0	Heavy Construction + Wind Erosion
34	3	35	0.00000870	0.00000008	831864.8	843123.4	34.1	26.2	0.0	90.0	Heavy Construction + Wind Erosion
35	3	36	0.00000870	0.00000008	831947.0	843026.3	160.0	40.5	0.0	90.0	Heavy Construction + Wind Erosion
36	3	37	0.00000870	0.00000008	831899.7	843026.3	160.0	54.0	0.0	90.0	Heavy Construction + Wind Erosion
37	3	38	0.00000870	0.00000008	831866.7	843081.5	49.7	12.0	0.0	90.0	Heavy Construction + Wind Erosion
38	3	39	0.00000870	0.00000008	831854.0	843030.1	53.1	37.5	0.0	90.0	Heavy Construction + Wind Erosion
39	3	40	0.00000870	0.00000008	831846.2	842992.5	53.0	22.0	0.0	0.0	Heavy Construction + Wind Erosion
40	3	41	0.00000870	0.00000008	831789.7	842988.0	60.1	13.0	0.0	0.0	Heavy Construction + Wind Erosion
41	3	42	0.00000870	0.00000008	831722.6	842992.5	74.0	22.0	0.0	0.0	Heavy Construction + Wind Erosion
42	3	43	0.00000870	0.00000008	831903.7	842893.3	62.0	28.0	0.0	0.0	Heavy Construction + Wind Erosion
43	3	44	0.00000870	0.00000008	831917.7	842926.8	90.0	39.0	0.0	0.0	Heavy Construction + Wind Erosion
44	3	45	0.00000870	0.00000008	831850.2	842920.1	122.9	45.1	0.0	90.0	Heavy Construction + Wind Erosion
45	3	46	0.00000870	0.00000008	831790.1	842931.5	100.0	75.0	0.0	90.0	Heavy Construction + Wind Erosion
46	3	47	0.00000870	0.00000008	831715.1	842931.5	100.0	75.0	0.0	90.0	Heavy Construction + Wind Erosion
47	3	48	0.00000870	0.00000008	831735.2	842732.9	90.0	60.0	0.0	-55.0	Heavy Construction + Wind Erosion
48	3	49	0.00000870	0.00000008	831784.4	842767.4	90.0	60.0	0.0	-55.0	Heavy Construction + Wind Erosion
49	3	50	0.00000870	0.00000008	831840.1	842846.6	20.0	14.0	0.0	-64.2	Heavy Construction + Wind Erosion
50	3	51	0.00000870	0.00000008	831820.5	842837.7	31.0	29.0	0.0	-64.2	Heavy Construction + Wind Erosion
51	3	52	0.00000870	0.00000008	831964.4	843337.4	87.0	87.0	0.0	0.0	Heavy Construction + Wind Erosion
52	3	23	0.00000274	0.00000270	831970.2	843194.6	87.0	87.0	0.0	0.0	Stockpile + Wind Erosion
53	2	R24	0.00010443	0.00000097	831967.9	842920.0	831991.5	842955.2	0.5	12.0	Heavy Construction + Wind Erosion
54	2	R25	0.00010443	0.00000097	831967.9	842920.0	831907.8	842868.3	0.5	12.0	Heavy Construction + Wind Erosion
55	2	R26	0.00010443	0.00000097	831907.8	842868.3	831808.5	842864.1	0.5	12.0	Heavy Construction + Wind Erosion
56	2	R27	0.00010443	0.00000097	831808.5	842864.1	831726.2	842817.5	0.5	12.0	Heavy Construction + Wind Erosion
57	2	R28	0.00010443	0.00000097	831726.2	842817.5	831648.2	842720.2	0.5	12.0	Heavy Construction + Wind Erosion
58	2	R29	0.00010443	0.00000097	831648.2	842720.2	831572.8	842704.2	0.5	12.0	Heavy Construction + Wind Erosion
59	2	R30	0.00010443	0.00000097	831572.8	842704.2	831484.5	842750.1	0.5	12.0	Heavy Construction + Wind Erosion
60	2	R31	0.00010443	0.00000097	831484.5	842750.1	831398.9	842809.9	0.5	12.0	Heavy Construction + Wind Erosion
61	2	R32	0.00010443	0.00000097	831398.9	842809.9	831289.6	842950.4	0.5	12.0	Heavy Construction + Wind Erosion
62	2	R33	0.00010443	0.00000097	831289.6	842950.4	831221.9	842964.0	0.5	12.0	Heavy Construction + Wind Erosion
63	2	R34	0.00010443	0.00000097	831221.9	842964.0	831171.9	842943.0	0.5	12.0	Heavy Construction + Wind Erosion
64	2	R35	0.00010443	0.00000097	831171.9	842943.0	831008.4	842728.8	0.5	12.0	Heavy Construction + Wind Erosion
65	2	R36	0.00010443	0.00000097	831008.4	842728.8	830891.5	842639.6	0.5	12.0	Heavy Construction + Wind Erosion
66	2	R37	0.00010443	0.00000097	830891.5	842639.6	830819.8	842567.0	0.5	12.0	Heavy Construction + Wind Erosion
67	2	R38	0.00010443	0.00000097	830819.8	842567.0	830685.8	842532.9	0.5	12.0	Heavy Construction + Wind Erosion
68	2	R39	0.00010443	0.00000097	830685.8	842532.9	830618.8	842465.2	0.5	12.0	Heavy Construction + Wind Erosion
69	2	R40	0.00010443	0.00000097	831637.5	842756.4	831649.0	842782.8	0.5	12.0	Heavy Construction + Wind Erosion
70	2	C1	0.00026108	0.00000243	830847.5	842254.8	830727.3	842416.2	0.0	30.0	Concurrent Project (HC+WE)
71	2	C2	0.00026108	0.00000243	830727.3	842416.2	830636.2	842482.9	0.0	30.0	Concurrent Project (HC+WE)
72	3	C3	0.00000870	0.00000008	830610.9	842507.8	71.0	42.0	0.0	-44.7	Concurrent Project (HC+WE)
73	2	C4	0.00017405	0.00000162	830589.9	842537.0	830634.7	842779.6	0.0	20.0	Concurrent Project (HC+WE)
74	2	C5	0.00017405	0.00000162	830634.7	842779.6	831003.6	843162.6	0.0	20.0	Concurrent Project (HC+WE)
75	3	C6	0.00000870	0.00000008	830935.6	843182.3	145.0	53.0	0.0	-80.2	Concurrent Project (HC+WE)
76	3	C7	0.00000870	0.00000008	830894.7	843305.6	99.5	53.0	0.0	-59.4	Concurrent Project (HC+WE)
77	3	C8	0.00000870	0.00000008	831015.5	843197.5	67.0	40.0	0.0	46.1	Concurrent Project (HC+WE)
78	2	C9	0.00017405	0.00000162	831050.0	843210.9	831177.2	843323.7	0.0	20.0	Concurrent Project (HC+WE)
79	3	C10	0.00000870	0.00000008	831186.9	843360.8	64.0	53.0	0.0	41.6	Concurrent Project (HC+WE)
80	3	C11	0.00000870	0.00000008	831196.0	843436.4	69.0	28.0	0.0	90.0	Concurrent Project (HC+WE)
81	2	C12	0.00013054	0.00000121	831657.7	843916.9	831721.6	843964.4	0.0	15.0	Concurrent Project (HC+WE)
82	2	C13	0.00013054	0.00000121	831721.6	843964.4	831794.5	843994.1	0.0	15.0	Concurrent Project (HC+WE)
83	2	C14	0.00013054	0.00000121	831794.5	843994.1	831826.0	844026.8	0.0	15.0	Concurrent Project (HC+WE)
84	3	S2	0.00000727	0.00000008	831341.7	843129.0	94.9	28.0	0.0	19.4	Concurrent Project (HC+WE)
85	3	S3	0.00000727	0.00000008	831371.2	843111.5	50.9	24.5	0.0	19.4	Concurrent Project (HC+WE)
86	3	S4	0.00000727	0.00000008	831390.2	843083.3	41.3	33.8	0.0	-70.6	Concurrent Project (HC+WE)
87	3	S5	0.00000727	0.00000008	831419.4	843086.0	27.0	23.0	0.0	-70.6	Concurrent Project (HC+WE)
88	3	S6	0.00000727	0.00000008	831382.8	843015.9	41.0	25.0	0.0	-70.6	Concurrent Project (HC+WE)
89	3	S7	0.00000727	0.00000008	831418.1	843038.9	61.0	56.8	0.0	-70.6	Concurrent Project (HC+WE)
90	3	S1	0.00000274	0.00000270	831332.4	843155.4	94.9	28.0	0.0	19.4	Concurrent Project (Stockpile + WE)
91	3	S8	0.00000274	0.00000270	831455.2	843052.0	61.0	21.9	0.0	-70.6	Concurrent Project (Stockpile + WE)