

Appendix 3.2 Data Input for FDM model

Appendix 3.2 - Data Input for FDM model

No.	Sources Type	Source ID	Emission rate (g/m ² /s)	X1	Y1	X-width (m)	Y-width (m)	Height (m)	Angle (degree)	Decription
1	Area	S1	0.000000120	831332.4	843155.4	94.9	28.0	0.0	19.4	Stockpile
2	Area	S1	0.000000540	831332.4	843155.4	94.9	28.0	0.0	19.4	Stockpile (wind erosion)
3	Area	S2	0.000029937	831341.7	843129.0	94.9	28.0	0.0	19.4	Heavy construction
4	Area	S2	0.000002696	831341.7	843129.0	94.9	28.0	0.0	19.4	Heavy construction (wind erosion)
5	Area	S3	0.000029937	831371.2	843111.5	50.9	24.5	0.0	19.4	Heavy construction
6	Area	S3	0.000002696	831371.2	843111.5	50.9	24.5	0.0	19.4	Heavy construction (wind erosion)
7	Area	S4	0.000029937	831390.2	843083.3	41.3	33.8	0.0	-70.6	Heavy construction
8	Area	S4	0.000002696	831390.2	843083.3	41.3	33.8	0.0	-70.6	Heavy construction (wind erosion)
9	Area	S5	0.000029937	831419.4	843086.0	27.0	23.0	0.0	-70.6	Heavy construction
10	Area	S5	0.000002696	831419.4	843086.0	27.0	23.0	0.0	-70.6	Heavy construction (wind erosion)
11	Area	S6	0.000029937	831382.8	843015.9	41.0	25.0	0.0	-70.6	Heavy construction
12	Area	S6	0.000002696	831382.8	843015.9	41.0	25.0	0.0	-70.6	Heavy construction (wind erosion)
13	Area	S7	0.000029937	831418.1	843038.9	61.0	56.8	0.0	-70.6	Heavy construction
14	Area	S7	0.000002696	831418.1	843038.9	61.0	56.8	0.0	-70.6	Heavy construction (wind erosion)
15	Area	S8	0.000000120	831455.2	843052.0	61.0	21.9	0.0	-70.6	Stockpile
16	Area	S8	0.000000540	831455.2	843052.0	61.0	21.9	0.0	-70.6	Stockpile (wind erosion)