

**Appendix 4-2**  
**Typical FDM Result File,**  
**Maximum 1-hour TSP modelling**  
**Operation Phase Dust Emission Impact Assessment**  
**Scenario 1 and 2**



44	6	846230.0	815493.0	7818	250.6568	13.3863
45	1	846291.9	815812.2	810	249.4536	13.3251
46	17	846304.0	815870.4	4269	249.3804	11.9285
47	17	846304.0	815870.4	6595	247.8690	11.7972
48	17	846304.0	815870.4	6609	246.2845	11.8566
49	7	846230.0	815493.0	1939	245.8173	11.4749
50	1	846291.9	815812.2	1986	245.3364	13.3439

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR DEPOSITION	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR
1	846291.9	815812.2	383.8153	6609.	19.9651	382.5384	131.
19.9611	846291.9	815812.2	264.1886	6609.	12.7549	259.7796	4269.
12.4500	846291.9	815812.2	192.9572	6609.	8.7572	192.7287	4269.
8.6780	846291.9	815812.2	119.3110	3764.	8.1395	117.8960	2780.
6.4096	846291.9	815812.2	110.4889	3764.	7.4966	105.0745	2780.
5.6357	846230.0	815493.0	350.7555	1939.	17.7712	347.3620	2709.
14.7149	846230.0	815493.0	245.8173	1939.	11.4749	243.0592	6595.
11.5596	846230.0	815493.0	192.3767	2780.	10.8862	191.2954	3764.
13.3144	846230.0	815493.0	157.6712	3764.	10.8537	143.4955	2780.
7.9017	846230.0	815493.0	145.1217	3764.	9.9431	127.1817	2780.
6.9237	846093.0	815494.0	228.0910	6547.	11.7945	226.8468	955.
11.6009	846093.0	815494.0	171.4242	6547.	8.3544	170.0222	955.
8.1730	846093.0	815494.0	137.5671	3764.	9.4719	134.9692	6547.
6.2656	846093.0	815494.0	121.0270	3764.	8.2524	110.5389	2780.
5.9732	846093.0	815494.0	113.6345	3764.	7.7143	101.7204	2780.
5.4397	846304.0	815870.4	346.2813	6609.	17.8952	344.8665	4269.
17.7001	846304.0	815870.4	249.3804	4269.	11.9285	247.8690	6595.
11.7972	846304.0	815870.4	190.6461	6595.	8.5483	190.0318	4269.
8.5645	846304.0	815870.4	120.1467	2780.	6.5350	118.3049	3764.
8.0683	846304.0	815870.4	108.8391	3764.	7.3789	106.1849	2780.
5.6920	845865.1	815891.8	91.5280	4269.	3.7890	91.4441	6609.
3.7743	845865.1	815891.8	83.7088	4269.	3.3076	83.5959	6609.
3.2919	845865.1	815891.8	77.6242	4269.	2.9502	77.4949	6609.
2.9341	845865.1	815891.8	66.1151	4269.	2.3164	65.9717	6609.
2.3008	845865.1	815891.8	60.7572	4269.	2.0410	60.6153	6609.
2.0263							

DATE AT END OF RUN: 04/11/02  
 TIME AT END OF RUN: 12:51:16.76  
 ELAPSED TIME FOR THIS RUN: 0.26354E+03 SECONDS  
 OR 0 HOURS 4 MINUTES 23.54 SECONDS



RECEPTOR DEPOSITION	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR
42	6	846230.0	815493.0	6403	252.2149	13.4632	
43	1	846231.9	815812.2	1196	251.2464	9.4593	
44	6	846230.0	815493.0	7818	250.6568	13.3863	
45	6	846230.0	815493.0	3741	250.3837	7.1745	
46	1	846231.9	815812.2	810	249.4528	13.3251	
47	17	846304.0	815870.4	4269	249.2114	11.9245	
48	6	846230.0	815493.0	5971	248.3483	12.3515	
49	17	846304.0	815870.4	6595	247.7597	11.7953	
50	17	846304.0	815870.4	6609	246.0949	11.8518	
1							
19.9571	1	846291.9	815812.2	383.6004	6609.	19.9594	382.3771 131.
12.4450	2	846291.9	815812.2	263.9734	6609.	12.7492	259.5840 4269.
8.6729	3	846291.9	815812.2	192.7434	6609.	8.7517	192.5311 4269.
6.6068	4	846291.9	815812.2	124.0529	3764.	8.4871	121.0828 2780.
5.8171	5	846291.9	815812.2	114.9446	3764.	7.8226	108.0181 2780.
14.8594	6	846230.0	815493.0	350.8826	1939.	17.7775	349.0869 2709.
11.5586	7	846230.0	815493.0	245.9229	1939.	11.4800	242.9653 6595.
11.1921	8	846230.0	815493.0	197.9192	3764.	13.8069	197.1673 2780.
8.1579	9	846230.0	815493.0	163.4794	3764.	11.2833	147.5438 2780.
9.2079	10	846230.0	815493.0	150.4365	3764.	10.3351	134.5130 4771.
11.6009	11	846093.0	815494.0	228.0797	6547.	11.7945	226.8338 955.
11.8849	12	846093.0	815494.0	171.4116	6547.	8.3544	170.3199 3764.
8.4729	13	846093.0	815494.0	160.1904	3764.	11.1210	151.2030 2780.
6.8900	14	846093.0	815494.0	140.1669	3764.	9.6373	125.7684 2780.
6.2352	15	846093.0	815494.0	130.7823	3764.	8.9500	115.0466 2780.
17.6964	16	846304.0	815870.4	346.0926	6609.	17.8904	344.7029 4269.
11.7953	17	846304.0	815870.4	249.2114	4269.	11.9245	247.7597 6595.
8.5604	18	846304.0	815870.4	190.5291	6595.	8.5460	189.8601 4269.
8.3970	19	846304.0	815870.4	123.1745	2780.	6.7215	122.7957 3764.
5.8643	20	846304.0	815870.4	113.0756	3764.	7.6884	108.9937 2780.
4.2868	21	845865.1	815891.8	102.0395	4269.	4.2753	101.7523 6595.
3.7363	22	845865.1	815891.8	93.1239	4269.	3.7259	92.8282 6595.
3.3269	23	845865.1	815891.8	86.1824	4269.	3.3176	85.8785 6595.
2.6000	24	845865.1	815891.8	73.0534	4269.	2.5932	72.7306 6595.
2.2841	25	845865.1	815891.8	66.9461	4269.	2.2787	66.6133 6595.

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

DATE AT END OF RUN: 04/11/02 TIME AT END OF RUN: 13:56:32.34  
 ELAPSED TIME FOR THIS RUN: 0.27485E+03 SECONDS  
 OR 0 HOURS 4 MINUTES 34.85 SECONDS