

Particulate Air Monitoring Data Ellisville (RV007)

April 11, 2014

The data provided in the following tables is raw data downloaded from particulate air monitoring instruments positioned near the work zone at Ellisville (RV007). The instruments measure PM10 or particulate matter of 10 micrometers or less which is considered respirable (able to be taken in the body by breathing). A potential source of PM10 at the site is dust from construction activities. Other sources include diesel emissions from equipment operating at the site, mold spores, smoke, smog, soot, etc.

Air monitoring stations are set up-wind of the work zone to record background particulate data and down-wind of the work zone to record particulate data influenced by work activities. Data is collected while crews are active in the work zone.

Particulate Air Monitoring Data Ellisville RV007
April 11, 2014

Ellisville (RV007) Up wind PM-10 Data April 11, 2014

record	(MASS) ug/m3	Temp	RHumidity	Diameter	time	date
1	10.1	16.7	30	3.7309	8:54:44	11-Apr-14
2	9.6	17.9	31	4.0576	9:09:44	11-Apr-14
3	9.1	19.8	29	3.9625	9:24:44	11-Apr-14
4	8.7	21.1	27	3.7234	9:39:44	11-Apr-14
5	8.6	22.4	25	3.6134	9:54:44	11-Apr-14
6	7.8	23.6	24	3.8985	10:09:44	11-Apr-14
7	7.8	25.1	22	3.3637	10:24:44	11-Apr-14
8	7.9	26	21	3.3936	10:39:44	11-Apr-14
9	8.6	27.3	20	3.59	10:54:44	11-Apr-14
10	9.7	27.8	19	2.9971	11:09:44	11-Apr-14
11	10.2	27.4	19	3.1759	11:24:44	11-Apr-14
12	8.6	27.2	19	3.5195	11:39:44	11-Apr-14
13	8.2	27.2	19	3.42	11:54:44	11-Apr-14
14	7.9	27.1	19	3.3366	12:09:44	11-Apr-14
15	7.9	27.4	19	3.3078	12:24:44	11-Apr-14
16	7.8	27.8	18	2.9827	12:39:44	11-Apr-14
17	8.3	28.2	18	3.196	12:54:44	11-Apr-14
18	14.1	27.8	18	3.509	13:09:44	11-Apr-14
19	7.4	27.3	18	2.8621	13:24:44	11-Apr-14
20	9	27.6	19	3.0799	13:39:44	11-Apr-14
21	8.9	29.2	18	3.0165	13:54:44	11-Apr-14
22	7.4	31.2	17	2.558	14:09:44	11-Apr-14
23	8	32.6	16	3.1941	14:24:44	11-Apr-14
24	7.6	33.5	15	3.4554	14:39:44	11-Apr-14
25	6.7	33.6	15	3.2116	14:54:44	11-Apr-14
26	7.1	34.4	15	3.5311	15:09:44	11-Apr-14
27	6.2	34.7	15	2.8525	15:24:44	11-Apr-14
28	6	34.6	14	2.7022	15:39:44	11-Apr-14
29	6.1	34.3	14	2.8571	15:54:44	11-Apr-14

Ellisville (RV007) Down wind PM-10 Data EA3 April 11, 2014

record	(MASS)ug/m3	Temp	RHumidity	Diameter	time	date
1	8	15.6	25	1.2596	0:15:33	25-Jan-00
2	8.3	16.7	28	1.4923	0:30:33	25-Jan-00
3	5.2	17.5	28	0.9116	0:45:33	25-Jan-00
4	6.1	18.1	27	1.3173	1:00:33	25-Jan-00
5	9.1	18.5	25	1.7828	1:15:33	25-Jan-00
6	6.5	18.7	25	1.7181	1:30:33	25-Jan-00
7	7.5	19.4	24	1.9368	1:45:33	25-Jan-00
8	4.9	19.7	23	0.9064	2:00:33	25-Jan-00
9	5.8	20	23	1.168	2:15:33	25-Jan-00
10	6	20.3	22	1.1193	2:30:33	25-Jan-00
11	5.7	20.6	22	1.3109	2:45:33	25-Jan-00
12	4.9	20.9	22	1.2979	3:00:33	25-Jan-00
13	5	21.3	21	1.3148	3:15:33	25-Jan-00
14	4.5	21.5	21	1.2347	3:30:33	25-Jan-00
15	5	22	20	1.3056	3:45:33	25-Jan-00
16	5.2	22.5	20	1.4554	4:00:33	25-Jan-00
17	11.6	23	20	2.0122	4:15:33	25-Jan-00
18	12.2	23.2	19	1.79	4:30:33	25-Jan-00