

Particulate Air Monitoring Data Ellisville (RV007)

April 10, 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 Date Ellisville RV007
April 10, 2014

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

record	(MASS)ug/m3	Temp	RHumidity	Diameter	time	date
1	8.5	32.8	24	0.5729	13:19:23	10-Apr-14
2	11.2	34.6	21	0.7713	13:34:23	10-Apr-14
3	12.2	35.8	19	0.6787	13:49:23	10-Apr-14
4	12.2	36	19	0.8234	14:04:23	10-Apr-14
5	11.7	36.7	19	0.8263	14:19:23	10-Apr-14
6	9.1	37.4	18	0.6058	14:34:23	10-Apr-14
7	9.5	37.4	18	0.7144	14:49:23	10-Apr-14
8	15.3	37.1	19	0.7995	15:04:23	10-Apr-14
9	7.7	37.9	18	0.6033	15:19:23	10-Apr-14
10	7.9	37.8	18	0.5898	15:34:23	10-Apr-14
11	8.3	36.3	20	0.5905	15:49:23	10-Apr-14
12	9.4	34.4	22	0.6631	16:04:23	10-Apr-14
13	9.7	32.7	24	0.6264	16:19:23	10-Apr-14
14	10.8	31.4	26	0.6101	16:34:23	10-Apr-14
15	12.8	30.1	27	0.5205	16:49:23	10-Apr-14

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

record	(MASS)ug/m3	Temp	RHumidity	Diameter	time	date
1	10.2	32.8	21	0.7296	13:43:45	10-Apr-14
2	6.8	32.9	19	0.8252	13:58:45	10-Apr-14
3	6.8	33.2	19	0.8334	14:13:45	10-Apr-14
4	6.8	33.7	19	0.779	14:28:45	10-Apr-14
5	13.6	33.9	19	1.2866	14:43:45	10-Apr-14
6	8.9	33.9	19	1.0126	14:58:45	10-Apr-14
7	8.2	34.5	19	0.9344	15:13:45	10-Apr-14
8	21.9	34.7	18	1.6743	15:28:45	10-Apr-14
9	9.6	33.8	19	1.0194	15:43:45	10-Apr-14
10	8.8	32.4	21	0.8479	15:58:45	10-Apr-14
11	9.6	30.8	23	0.9436	16:13:45	10-Apr-14
12	14	29.6	25	1.2783	16:28:45	10-Apr-14
13	12	29.1	26	0.6921	16:43:45	10-Apr-14