

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2012

24 HOUR AVERAGE CONCENTRATION, $\mu\text{g}/\text{m}^3$, LTP

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.9							5.3				
2						1.9	3.2					
3		10.0		5.8	2.6							
4	6.0		7.2									
5											7.4	4.9
6									10.7	10.7		
7	3.3							3.0				
8						2.1	8.4					
9		8.0		6.9	5.0							
10	5.0		5.0									
11											4.8	3.3
12									10.7	4.6		
13								12.2				
14						4.0	5.8					
15		6.4		4.6	9.7							
16	2.5		2.1									
17											4.5	2.8
18		2.8							15.3	18.3		
19	0.6							3.1				
20						3.9	2.7					
21		0.8		6.1								
22	1.7		3.5									
23											2.9	1.2
24									8.9	4.8		
25	6.9							7.1				
26						1.7	5.3					
27		6.8		1.8	4.5							
28	8.0		2.0									
29											5.1	9.0
30									5.2	9.7		
31	4.2							4.8				

MONTH												
NCAP	10	6	5	5	4	5	5	6	5	5	5	5
%CAP	100.0%	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	4.2	5.8	3.9	5.0	5.4	2.7	5.0	5.9	10.1	9.6	4.9	4.2
MAX	8.0	10.0	7.2	6.9	9.7	4.0	8.4	12.2	15.3	18.3	7.4	9.0

QUARTER	Q1			Q2			Q3			Q4		
NCAP	21			14			16			15		
%CAP	100.0%			93.3%			100.0%			100.0%		
MEAN	4.6			4.3			7.0			6.3		

ANNUAL	Site Statistics										
NCAP	66	HIGH	18.3	6th	10.7	Year	2008	2009	2010	2011	2012
%NCAP	98.5%	2nd	15.3	7th	10.0	Annual Mean	6.9	6.5	5.8	5.6	5.5
YMEAN	5.5	3rd	12.2	8th	9.7	Annual High	32.3	21.9	17.9	18.8	18.3
QYMEAN	5.5	4th	10.7	9th	9.7	Annual 98 %-ile	24	18	14	15	15
98 %-ile	15.3	5th	10.7	10th	9.0	3 Year 98 %-ile	23	20	19	16	15