

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2013

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									2.8	3.5		
2								3.3				
3		5.3				4.7	4.4					
4	10.8			5.6	7.0							
5			7.0									
6											10.3	12.1
7									5.0	5.2		
8								4.1				
9		7.3				4.4	8.0					
10	2.5			3.2	8.9							
11			4.7									
12											9.7	16.1
13									5.2	9.1		
14								7.0				
15		10.7				5.8	6.0					
16	3.6			3.6	3.1							
17			3.1									
18											6.9	5.5
19									6.0	16.1		
20								5.0				
21		3.0				3.3	4.4					
22	17.2			2.8	1.9							
23			5.9									
24											18.8	3.1
25									1.3	13.0		
26								4.0				
27		4.6				2.9	6.2					
28	1.5			2.0	1.9							
29			4.4									
30											16.1	6.0
31										13.5		

MONTH												
NCAP	5	5	5	5	5	5	5	5	5	6	5	5
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	7.1	6.2	5.0	3.4	4.6	4.2	5.8	4.7	4.1	10.1	12.4	8.6
MAX	17.2	10.7	7.0	5.6	8.9	5.8	8.0	7.0	6.0	16.1	18.8	16.1

QUARTER	Q1			Q2			Q3			Q4		
NCAP	15			15			15			16		
%CAP	100.0%			100.0%			100.0%			100.0%		
MEAN	6.1			4.1			4.8			10.3		

ANNUAL	Site Statistics										
NCAP	61	HIGH	18.8	6th	13.5	Year	2009	2010	2011	2012	2013
%NCAP	100.0%	2nd	17.2	7th	13.0	Annual Mean	6.5	5.8	5.6	5.5	6.3
YMEAN	6.4	3rd	16.1	8th	12.1	Annual High	21.9	17.9	18.8	18.3	18.8
QYMEAN	6.3	4th	16.1	9th	10.8	Annual 98 %-ile	18	14	15	15	17
98 %-ile	17.2	5th	16.1	10th	10.7	3 Year 98 %-ile	20	19	16	15	16