

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2006

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											30.2	6.3
2									16.1	6.0		
3								5.8				
4		3.0				1.2	7.8					
5	12.1			6.8	12.5							
6			2.1									
7											4.0	27.8
8									6.3	4.4		
9								8.5				
10		6.6				6.3	3.2					
11	2.3			3.6	7.3							
12			7.9									
13											4.1	7.4
14									4.9	9.9		
15								5.5				
16		14.8				3.5	4.8					
17	3.1			2.7	9.9							
18			4.8									
19											11.8	18.0
20									3.2	7.0		
21								6.0				
22		7.5				6.0	16.7					
23	7.8			6.3	4.9							
24			3.4									
25											4.8	2.5
26									10.8	12.5		
27								12.0				
28		2.8				6.3	6.1					
29	2.0			5.0	3.9							
30			5.2									
31												8.7

MONTH												
NCAP	5	5	5	5	5	5	5	5	5	5	5	6
%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	5.5	6.9	4.7	4.9	7.7	4.7	7.7	7.6	8.3	8.0	11.0	11.8
MAX	12.1	14.8	7.9	6.8	12.5	6.3	16.7	12.0	16.1	12.5	30.2	27.8

QUARTER	Q1			Q2			Q3			Q4		
NCAP	15			15			15			16		
%CAP	100.0%			100.0%			100.0%			100.0%		
MEAN	5.7			5.7			7.8			10.3		

ANNUAL	Site Statistics										
NCAP	61	HIGH	30.2	6th	14.8	Year	2002	2003	2004	2005	2006
%NCAP	100.0%	2nd	27.8	7th	12.5	Annual Mean			7.7	8.0	7.4
YMEAN	7.5	3rd	18.0	8th	12.5	Annual High			21.0	32.1	30.2
QYMEAN	7.4	4th	16.7	9th	12.1	Annual 98 %-ile			21	25	28
98 %-ile	27.8	5th	16.1	10th	12.0	3 Year 98 %-ile					25