

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2008

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	17.5		3.1									
2											3.1	4.3
3									6.5	4.6		
4								8.3				
5						3.5	5.0					
6		2.8		1.4	7.7							
7	2.0		5.8									
8											5.5	8.2
9									8.4	4.5		
10								2.8				
11						4.5	6.7					
12		4.8		8.3	4.3							
13	6.4		2.4									
14											7.5	3.5
15									13.9	9.4		
16								11.5				
17						4.4	5.4					
18		13.5		5.0	8.5							
19	4.5		8.1									
20											7.6	4.5
21									4.8	8.5		
22								5.4				
23						4.6	6.0					
24		9.5		4.4	3.9							
25	23.5		7.1									
26											7.8	2.0
27									10.0	18.3		
28								6.7				
29						32.3	4.1					
30				2.9	3.8							
31	1.5		4.5									

MONTH												
NCAP	6	4	6	5	5	5	5	5	5	5	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	9.2	7.6	5.1	4.4	5.6	9.8	5.4	6.9	8.7	9.0	6.3	4.5
MAX	23.5	13.5	8.1	8.3	8.5	32.3	6.7	11.5	13.9	18.3	7.8	8.2

QUARTER	Q1			Q2			Q3			Q4		
NCAP	16			15			15			15		
%CAP	100.0%			93.8%			100.0%			100.0%		
MEAN	7.3			6.6			7.0			6.6		

ANNUAL	Site Statistics											
NCAP	61	HIGH	32.3	6th	13.5	Year	2004	2005	2006	2007	2008	
%NCAP	100.0%	2nd	23.5	7th	11.5	Annual Mean	7.7	8.0	7.4	6.8	6.9	
YMEAN	6.9	3rd	18.3	8th	10.0	Annual High	21.0	32.1	30.2	38.6	32.3	
QYMEAN	6.9	4th	17.5	9th	9.5	Annual 98 %-ile	21	25	28	18	24	
98 %-ile	23.5	5th	13.9	10th	9.4	3 Year 98 %-ile			25	24	23	