

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2007

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			4.0									
2											14.5	1.2
3									2.6	3.6		
4								3.1				
5		38.6				3.3	6.0					
6	3.0			8.0	4.7							
7			4.5									
8											17.8	9.9
9									4.9	13.2		
10								6.0				
11		2.8				3.5	6.3					
12	11.5			2.4	6.7							
13			3.8									
14											13.3	9.7
15									7.5	8.9		
16												
17		4.1				3.3	4.2					
18	8.5			1.9	6.7							
19			2.8									
20											4.8	2.4
21									6.7	4.5		
22								4.0				
23		1.8				2.6	4.0					
24	15.0			2.7	6.1							
25			2.5									
26											8.6	1.5
27									8.5	15.3		
28								7.1				
29						3.1	2.1					
30	18.4			9.9	11.0							
31			3.0									

MONTH												
NCAP	5	4	6	5	5	5	5	4	5	5	5	5
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%
MEAN	11.3	11.8	3.4	5.0	7.0	3.2	4.5	5.1	6.0	9.1	11.8	4.9
MAX	18.4	38.6	4.5	9.9	11.0	3.5	6.3	7.1	8.5	15.3	17.8	9.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	15			15			14			15		
%CAP	100.0%			100.0%			93.3%			100.0%		
MEAN	8.3			5.1			5.2			8.6		

ANNUAL	Site Statistics										
NCAP	59	HIGH	38.6	6th	14.5	Year	2003	2004	2005	2006	2007
%NCAP	98.3%	2nd	18.4	7th	13.3	Annual Mean		7.7	8.0	7.4	6.8
YMEAN	6.8	3rd	17.8	8th	13.2	Annual High		21.0	32.1	30.2	38.6
QYMEAN	6.8	4th	15.3	9th	11.5	Annual 98 %-ile		21	25	28	18
98 %-ile	18.4	5th	15.0	10th	11.0	3 Year 98 %-ile				25	24