PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2011

24 HOUR AVERAGE CONCENTRATION, µg/m^3, LTP

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1								4.0				
2		13.6				2.3	6.6					
3	18.8			5.2	4.6							
4			2.8									
5											13.0	12.9
6									1.7	4.9		
7								5.6				
8		5.1					3.6					8.3
9	3.3			6.1	2.4							
10			2.7									
11											10.8	13.8
12									5.3	7.5		
13								6.0				
14		4.3				2.1	3.0					14.9
15	3.5			2.9	3.2							
16												
17											3.9	8.3
18									3.8	12.5		
19								6.2				
20		3.4				3.2	3.3				5.0	5.1
21				3.7	3.4							
22			4.2									
23											2.1	11.1
24									6.5	6.0		
25								6.0				
26		6.3				4.8	3.4				6.4	
27	8.8			3.0	2.4							
28			1.8									
29											7.7	2.5
30									6.9	3.4		
31								5.0				

MONTH												
NCAP	4	5	4	5	5	4	5	6	5	5	7	8
%CAP	80.0%	100.0%	80.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%	140.0%	160.0%
MEAN	8.6	6.5	2.9	4.2	3.2	3.1	4.0	5.5	4.8	6.9	7.0	9.6
MAX	18.8	13.6	4.2	6.1	4.6	4.8	6.6	6.2	6.9	12.5	13.0	14.9

QUARTER	Q1	Q2	Q3	Q4
NCAP	13	14	16	20
%CAP	86.7%	93.3%	100.0%	133.3%
MEAN	6.0	3.5	4.8	8.0

ANNUAL					
NCAP	63	HIGH	18.8	6th	12.9
%NCAP	100.0%	2nd	14.9	7th	12.5
YMEAN	5.8	3rd	13.8	8th	11.1
QYMEAN	5.6	4th	13.6	9th	10.8
98 %-ile	14.9	5th	13.0	10th	8.8

Site Statistics					
Year	2007	2008	2009	2010	2011
Annual Mean	6.8	6.9	6.5	5.8	5.6
Annual High	38.6	32.3	21.9	17.9	18.8
Annual 98 %-ile	18	24	18	14	15
3 Year 98 %-ile	24	23	20	19	16