PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2016

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

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.4		2.6									
2											8.0	
3									3.6	2.1		
4								7.9				
5						9.4	5.5					
6		6.8			6.1							
7	9.0		2.4									
8											9.0	
9									8.0	2.5		
10								4.3				
11						2.5	3.4					
12		3.9		3.1	5.2							
13	1.5		0.9									
14				1.3							4.9	5.8
15									9.1	2.1		
16								4.8				
17						3.1	3.3					
18		1.0		7.8	5.5							
19	1.8		7.2									
20											2.0	6.3
21									4.7	7.7		
22								5.5				
23						1.7	3.5					
24		6.0		2.0	2.6							
25	1.9		3.7									
26												6.3
27									4.1	4.0		
28								3.0				
29						4.9	8.0					
30				5.5	4.9							
31	2.8		6.3									

MONTH												
NCAP	6	4	6	5	5	5	5	5	5	5	4	3
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%	60.0%
MEAN	4.5	4.4	3.8	3.9	4.8	4.3	4.7	5.1	5.9	3.6	5.9	6.1
MAX	10.4	6.8	7.2	7.8	6.1	9.4	8.0	7.9	9.1	7.7	9.0	6.3

QUARTER	Q1	Q2	Q3	Q4
NCAP	16	15	15	12
%CAP	100.0%	93.8%	100.0%	80.0%
MEAN	4.3	4.4	5.2	5.1

ANNUAL						Site Statistics					
NCAP	58	HIGH	10.4	6th	8.0	Year	2012	2013	2014	2015	2016
%NCAP	95.1%	2nd	9.4	7th	8.0	Annual Mean	5.5	6.3	6.4	6.3	4.7
YMEAN	4.7	3rd	9.1	8th	8.0	Annual High	18.3	18.8	35.6	54.0	10.4
QYMEAN	4.7	4th	9.0	9th	7.9	Annual 98 %-ile	15	17	14	13	9
98 %-ile	9.4	5th	9.0	10th	7.8	3 Year 98 %-ile	15	16	15	15	12