

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2019

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			5.4					3.2				
2		6.9				4.8						
3	6.7			1.3	7.4		4.5					
4												
5											19.7	21.0
6									3.3	9.5		
7								4.1				
8		15.4				3.6	5.7					
9	5.8			2.6	6.4							
10			5.5									
11											10.5	9.9
12									5.2	16.3		
13								7.0				
14		4.0				3.4	3.1					
15	10.1				3.1							
16			9.7									
17											7.5	13.5
18				3.8					2.6	6.6		
19								5.0				
20		2.8				3.0	6.0					
21	5.9			4.5	2.2							
22			6.0									
23											17.4	2.1
24									4.2	9.7		
25								3.9				
26							5.9					
27	6.9			4.1	3.5							
28			2.5									
29											11.2	8.5
30									3.5	6.9		
31								4.4				

MONTH												
NCAP	5	4	5	5	5	4	5	6	5	5	5	5
%CAP	100.0%	80.0%	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	7.1	7.3	5.8	3.3	4.5	3.7	5.0	4.6	3.8	9.8	13.3	11.0
MAX	10.1	15.4	9.7	4.5	7.4	4.8	6.0	7.0	5.2	16.3	19.7	21.0

QUARTER	Q1			Q2			Q3			Q4		
NCAP	14			14			16			15		
%CAP	93.3%			93.3%			100.0%			100.0%		
MEAN	6.7			3.8			4.5			11.4		

ANNUAL	Site Statistics										
NCAP	59	HIGH	21.0	6th	13.5	Year	2015	2016	2017	2018	2019
%NCAP	96.7%	2nd	19.7	7th	11.2	Annual Mean	6.3	4.7	12.1	6.1	6.6
YMEAN	6.6	3rd	17.4	8th	10.5	Annual High	54.0	10.4	286.8	18.2	21.0
QYMEAN	6.6	4th	16.3	9th	10.1	Annual 98 %-ile	13.3	9.4	41.9	18.1	19.7
98 %-ile	19.7	5th	15.4	10th	9.9	3 Year 98 %-ile	15	12	22	23	27