

PM 2.5 MONITORING ANNUAL SUMMARY

SPRINGFIELD CITY HALL - 2009

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	2.4			6.2	5.9							
2			4.5									
3											11.6	13.7
4									7.2	5.3		
5								8.5				
6		7.7				2.3	5.5					
7	0.9			9.4	2.4							
8			2.4									
9											6.0	21.9
10									5.8	8.8		
11								3.8				
12		3.3				7.6	2.5					
13	5.6			2.2	4.6							
14			3.3									
15											6.1	5.1
16									4.2	12.3		
17								7.8				
18		16.4				2.9	5.6					
19	18.3			7.0	3.1							
20			2.4									
21											3.0	1.8
22									12.4	8.1		
23								6.7				
24		1.1				5.0	5.0					
25	6.2				6.3							
26			5.0									
27											4.8	14.8
28									5.2	15.9		
29								3.9				
30						5.8	5.7					
31	9.6				4.1							

MONTH												
NCAP	6	4	5	4	6	5	5	5	5	5	5	5
%CAP	100.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	7.2	7.1	3.5	6.2	4.4	4.7	4.9	6.1	7.0	10.1	6.3	11.5
MAX	18.3	16.4	5.0	9.4	6.3	7.6	5.7	8.5	12.4	15.9	11.6	21.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	15			15			15			15		
%CAP	100.0%			93.8%			100.0%			100.0%		
MEAN	5.9			5.0			6.0			9.3		

ANNUAL						Site Statistics					
NCAP	60	HIGH	21.9	6th	13.7	Year	2005	2006	2007	2008	2009
%NCAP	98.4%	2nd	18.3	7th	12.4	Annual Mean	8.0	7.4	6.8	6.9	6.5
YMEAN	6.5	3rd	16.4	8th	12.3	Annual High	32.1	30.2	38.6	32.3	21.9
QYMEAN	6.5	4th	15.9	9th	11.6	Annual 98 %-ile	25	28	18	24	18
98 %-ile	18.3	5th	14.8	10th	9.6	3 Year 98 %-ile		25	24	23	20