

PM 2.5 MONITORING ANNUAL SUMMARY

COTTAGE GROVE CITY SHOPS - 2017

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	5.5			6.4	4.9				9.7	2.8		
2			7.5					21.0				
3		8.2				3.7	5.2				6.7	6.6
4	5.4			9.1	4.5				116.0	10.0		
5			3.2					8.7				
6		2.5				6.7	5.1				12.7	9.5
7	15.5			1.6	5.2				37.7	9.3		
8			4.1					32.7				
9		1.7				3.4	2.9				12.9	
10	9.6			3.5	5.0				2.7	5.6		
11								10.3				
12		11.3				3.5	4.0				8.5	
13	13.1			2.7	1.6				4.5	2.3		
14			7.3					6.4				
15		6.7				3.0	3.1				4.1	
16	27.7			7.5	3.0				24.5	17.4		
17			9.6					4.9				
18		3.8				3.3	4.1				10.7	
19	7.9			4.6	4.9				2.9	6.6		7.1
20			8.4					5.7				
21		3.2				4.9	3.3				12.6	
22	9.8			3.9	7.9				4.7	3.9		
23			4.1					3.8				
24		5.6				7.8	5.9				4.0	
25	12.3			1.8	5.2				7.0	8.8		
26			2.5					13.3				
27		4.1				3.0	3.2					
28	16.3			4.2	3.2				6.4	13.7		19.7
29			3.4					38.3				8.9
30						4.4	3.5				7.0	8.2
31	18.5				2.4					21.1		7.3

MONTH												
NCAP	11	9	9	10	11	10	10	10	10	11	9	7
%CAP	100.0%	100.0%	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	110.0%	90.0%	63.6%
MEAN	12.9	5.2	5.6	4.5	4.3	4.4	4.0	14.5	21.6	9.2	8.8	9.6
MAX	27.7	11.3	9.6	9.1	7.9	7.8	5.9	38.3	116.0	21.1	12.9	19.7

QUARTER	Q1			Q2			Q3			Q4		
NCAP	29			31			30			27		
%CAP	96.7%			100.0%			100.0%			87.1%		
MEAN	8.2			4.4			13.3			9.1		

ANNUAL	Site Statistics										
NCAP	117	HIGH	116.0	6th	24.5	Year	2013	2014	2015	2016	2017
%NCAP	95.9%	2nd	38.3	7th	21.1	Annual Mean	7.5	6.9	7.3	5.8	8.8
YMEAN	8.8	3rd	37.7	8th	21.0	Annual High	38.1	34.0	39.6	26.2	116.0
QYMEAN	8.8	4th	32.7	9th	19.7	Annual 98 %-ile	25.4	21.3	20.1	18.3	37.7
98 %-ile	37.7	5th	27.7	10th	18.5	3 Year 98 %-ile	21	21	22	20	25