

PM 2.5 MONITORING ANNUAL SUMMARY

COTTAGE GROVE CITY SHOPS - 2016

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	26.2		4.5									
2						2.8	3.3				18.3	6.9
3		6.2		5.0	9.9			5.0	2.7	2.5		
4	17.0		9.0					6.7				
5						9.2	6.6				26.2	3.3
6		4.3		6.8	7.0				2.5	3.3		
7	10.6		3.4					2.8				
8						2.9	1.4				8.8	11.0
9		9.8		3.4	5.4				6.4	3.1		
10	5.8		5.2					3.8				
11						2.5	3.0				14.4	2.4
12		7.2		3.3	4.7				3.5	7.1		
13	2.5		1.7					7.1				
14						2.3	4.6				8.0	6.0
15		4.2		4.0	2.0				6.5	3.6		
16	9.5		1.8					5.3				
17						2.1	3.3				9.8	11.7
18		3.3		8.9	4.4				0.9	4.4		
19	2.7		6.7					10.0				
20						3.7	3.7				7.7	11.2
21		7.3		4.9	3.2				4.3	6.6		
22	7.2		2.4					4.6				
23						1.8	4.5				3.8	7.0
24		11.8		3.2	2.7				3.3	10.3		
25	4.3		5.3					6.2				
26						5.0	3.6				4.2	
27		5.1		4.2	4.4				4.3	4.5		
28	5.5		4.2					2.1				
29						4.6	4.8				8.9	8.0
30				5.5	5.8				6.4	3.4		
31	4.1		6.3					2.6				

MONTH												
NCAP	11	9	11	10	10	10	10	11	10	10	10	9
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%
MEAN	8.7	6.6	4.6	4.9	5.0	3.7	3.9	5.1	4.1	4.9	11.0	7.5
MAX	26.2	11.8	9.0	8.9	9.9	9.2	6.6	10.0	6.5	10.3	26.2	11.7

QUARTER	Q1	Q2	Q3	Q4
NCAP	31	30	31	29
%CAP	100.0%	100.0%	100.0%	96.7%
MEAN	6.6	4.5	4.3	7.8

ANNUAL	Site Statistics										
NCAP	121	HIGH	26.2	6th	11.8	Year	2012	2013	2014	2015	2016
%NCAP	99.2%	2nd	26.2	7th	11.7	Annual Mean	8.1	8.5	6.9	7.1	5.8
YMEAN	5.8	3rd	18.3	8th	11.2	Annual High	31.8	33.6	21.1	32.1	26.2
QYMEAN	5.8	4th	17.0	9th	11.0	Annual 98 %-ile	17	25	21	20	18
98 %-ile	18.3	5th	14.4	10th	10.6	3 Year 98 %-ile	19	21	21	22	20