

PM 2.5 MONITORING ANNUAL SUMMARY

COTTAGE GROVE CITY SHOPS - 2014

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		8.2				6.3	6.5				10.0	
2	8.9	9.1		4.0	4.7				3.3	5.9		11.5
3		6.2	7.9									
4		7.0				8.0	5.8				6.9	21.3
5	15.2			2.3	2.6				11.1	8.0		
6			3.3									
7		15.6				3.7	5.0	4.8			3.9	14.3
8	10.6			3.4	3.4			6.0	13.6	5.5		
9			2.7					6.1				
10		8.4				4.2	6.9				4.8	7.3
11	4.0			7.3	3.7				6.1	3.6		
12			8.1					5.5				
13		6.8				3.2	2.8				8.0	11.3
14	6.3			5.2	9.0				22.4	3.2		
15			3.7					2.2				
16						2.5	8.7				16.8	15.3
17	5.7			5.4					6.7	10.5		
18			6.5					8.4				
19						3.1	3.7				34.0	7.6
20	8.1	4.2		5.5	3.2				9.0	4.7		
21			7.9		4.2			3.8				
22		11.3				5.1	3.4				5.2	
23				1.4	3.9				6.5	7.4		6.5
24			9.8					9.4				
25		7.7				2.8	3.9				12.9	
26		9.5		2.2	2.6				2.8	5.0		
27			2.0					9.8				
28		8.4				1.7	8.3				3.3	7.9
29	4.7			6.1	4.4				4.1	11.0		
30	5.8		3.5					2.0				
31	7.4						7.3					18.5

MONTH												
NCAP	10	10	10	10	10	10	11	10	10	10	10	10
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.9%
MEAN	7.7	8.5	5.5	4.3	4.2	4.1	5.7	5.8	8.6	6.5	10.6	12.2
MAX	15.2	15.6	9.8	7.3	9.0	8.0	8.7	9.8	22.4	11.0	34.0	21.3

QUARTER	Q1			Q2			Q3			Q4		
NCAP	32			30			31			30		
%CAP	106.7%			100.0%			100.0%			96.8%		
MEAN	7.3			4.1			6.6			9.7		

ANNUAL	Site Statistics										
NCAP	121	HIGH	34.0	6th	15.6	Year	2010	2011	2012	2013	2014
%NCAP	99.2%	2nd	22.4	7th	15.3	Annual Mean	6.9	7.1	6.7	7.5	6.9
YMEAN	7.0	3rd	21.3	8th	15.2	Annual High	21.1	32.1	24.7	38.1	34.0
QYMEAN	6.9	4th	18.5	9th	14.3	Annual 98 %-ile	18	21	17	25	21
98 %-ile	21.3	5th	16.8	10th	13.6	3 Year 98 %-ile	23	23	19	21	21