

PM 2.5 MONITORING ANNUAL SUMMARY

COTTAGE GROVE CITY SHOPS - 2008

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	17.6		5.8					2.7				
2						7.4	7.0				8.0	8.8
3		7.0		10.9	7.4				5.1	3.4		
4	1.9		12.1					8.0				
5						2.0	4.1					13.4
6		6.1		2.5	5.9				4.4	3.5		
7	7.8		12.1					5.5				
8						4.3	8.5				13.7	12.5
9		13.4		2.2	7.3				7.4	6.5		
10	4.0		9.1					2.8				
11						5.5	6.8				10.0	14.3
12		4.9		7.6	4.7				7.4	11.8		
13	11.2		3.8					5.2				
14						5.8	6.3				6.3	
15		15.3		5.1	6.3				13.2	8.7		
16	11.9		6.5					10.3				
17						5.0	5.2				13.8	12.2
18		14.8		5.2	7.0				8.5	12.1		
19	6.8		7.9					5.7				
20						4.6	7.3				11.3	11.6
21		17.5		3.6	1.3				4.0	9.9		
22	21.1		8.9					5.3				
23						4.8	5.4				6.5	10.6
24		10.2		4.2	4.3				6.8	15.6		
25	31.8		8.9					3.0				
26						3.9	2.8				6.8	6.6
27		9.1		6.3	3.3				10.7	16.4		
28	5.8		4.0					6.6				
29						29.2					7.3	9.9
30				3.5	6.7				11.5	18.0		
31	2.9		4.0					3.3				

MONTH												
NCAP	11	9	11	10	10	10	9	11	10	10	9	9
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%	100.0%	100.0%	100.0%	90.0%	90.0%
MEAN	11.2	10.9	7.6	5.1	5.4	7.3	5.9	5.3	7.9	10.6	9.3	11.1
MAX	31.8	17.5	12.1	10.9	7.4	29.2	8.5	10.3	13.2	18.0	13.8	14.3

QUARTER	Q1			Q2			Q3			Q4		
NCAP	31			30			30			28		
%CAP	100.0%			96.8%			96.8%			93.3%		
MEAN	9.8			5.9			6.3			10.3		

ANNUAL	Site Statistics										
NCAP	119	HIGH	31.8	6th	17.5	Year	2004	2005	2006	2007	2008
%NCAP	97.5%	2nd	29.2	7th	16.4	Annual Mean					8.1
YMEAN	8.1	3rd	21.1	8th	15.6	Annual High					31.8
QYMEAN	8.1	4th	18.0	9th	15.3	Annual 98 %-ile					21
98 %-ile	21.1	5th	17.6	10th	14.8	3 Year 98 %-ile					