

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2007

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			17.2					7.0				
2		52.5				7.5	3.6				16.5	
3	16.5			13.7	2.6				2.5	3.6		
4			5.7					4.2				
5		28.9				2.5	8.9				17.7	6.5
6	8.6			7.4	7.4				3.5	8.6		
7			16.8					3.5				
8		10.4				4.9	4.7				36.3	12.3
9	7.1			2.8	4.5				3.5	8.5		
10			6.4					4.2				
11						3.0	9.1				17.3	11.6
12	38.3			3.2	7.4				7.0	8.2		
13			2.6					5.0				
14		5.6				3.5	5.6				16.4	22.1
15	25.0			5.4	9.4				6.1	9.9		
16			18.1					2.2				
17		2.8				3.1	3.0				8.0	14.9
18	28.0			2.9	6.0				3.9	6.3		
19			2.9					2.1				
20		8.5				4.0	2.4				13.0	
21	17.8			6.4	2.4				6.9	9.4		
22			5.4					3.7				
23		8.2				3.2	2.1				33.9	11.6
24	42.7			3.3	4.0				8.2	6.1		
25			5.7					5.6				
26		8.8				4.0	7.6				13.7	24.7
27	40.5			7.5	3.5				8.3	39.6		
28			10.6					4.7				
29						1.3	3.0				9.1	11.9
30	51.0			12.0	7.9				4.5	10.7		
31			5.7					4.8				

MONTH												
NCAP	10	8	11	10	10	10	10	11	10	10	10	8
%CAP	100.0%	88.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%
MEAN	27.5	15.7	8.8	6.5	5.5	3.7	5.0	4.3	5.4	11.1	18.2	14.4
MAX	51.0	52.5	18.1	13.7	9.4	7.5	9.1	7.0	8.3	39.6	36.3	24.7

QUARTER	Q1			Q2			Q3			Q4		
NCAP	29			30			31			28		
%CAP	96.7%			100.0%			100.0%			93.3%		
MEAN	17.1			5.2			4.8			14.5		

ANNUAL						Site Statistics					
NCAP	118	HIGH	52.5	6th	38.3	Year	2003	2004	2005	2006	2007
%NCAP	97.5%	2nd	51.0	7th	36.3	Annual Mean	12.3	12.0	12.8	11.0	10.4
YMEAN	10.29	3rd	42.7	8th	33.9	Annual High	69.0	69.3	73.0	47.0	52.5
QYMEAN	10.4	4th	40.5	9th	28.9	Annual 98 %-ile	53.3	46.1	58.4	38.6	42.7
98 %-ile	43	5th	39.6	10th	28.0	3 Year 98 %-ile	56	52	53	48	47