

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2006

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		13.5				3.8	7.4				28.5	9.0
2	15.2			7.1	10.0				11.1	9.7		
3			19.9					6.2				
4						1.9	8.3				8.2	24.8
5				6.5	11.5				13.1	11.9		
6			5.6					9.3				
7		29.3				5.1	2.8				6.0	47.0
8	11.2			4.9	5.3				5.5	10.6		
9			21.5					7.0				
10		40.8				6.2	2.7				10.6	15.9
11	8.2			4.0	8.0				5.2	17.2		
12			12.9					7.2				
13		18.5				1.6	2.3				8.4	
14	9.1			5.7	8.6				3.7	17.9		
15			10.8					7.1				
16		28.7				1.9	5.0				8.9	19.4
17	14.2			4.6	9.5				4.1	7.6		
18			6.1					9.8				
19		35.5				4.0	4.7				18.6	20.9
20	10.8			7.2	1.8				2.6	5.3		
21			7.4					7.5				
22		38.6				5.4	11.4				8.3	11.8
23	20.2			13.7	2.0				5.8	22.2		
24			6.1					4.6				
25		31.9				9.6	5.5				6.5	13.9
26	8.9			10.8	1.8				6.2	15.3		
27			8.1					10.0				
28		10.1				7.9	6.3				17.2	22.6
29				4.7	4.1				10.4	10.5		
30			6.1					2.8				
31							3.4					21.4

MONTH												
NCAP	8	9	10	10	10	10	11	10	10	10	10	10
%CAP	80.0%	90.0%	100.0%	33.3%	32.3%	33.3%	100.0%	100.0%	100.0%	100.0%	100.0%	90.9%
MEAN	12.2	27.4	10.5	6.9	6.3	4.7	5.4	7.1	6.8	12.8	12.1	20.7
MAX	20.2	40.8	21.5	13.7	11.5	9.6	11.4	10.0	13.1	22.2	28.5	47.0

QUARTER	Q1			Q2			Q3			Q4		
NCAP	27			30			31			30		
%CAP	90.0%			100.0%			100.0%			96.8%		
MEAN	16.6			5.9			6.4			15.1		

ANNUAL	Site Statistics										
NCAP	118	HIGH	47.0	6th	29.3	Year	2002	2003	2004	2005	2006
%NCAP	96.7%	2nd	40.8	7th	28.7	Annual Mean	14.0	12.3	12.0	12.8	11.0
YMEAN	10.87	3rd	38.6	8th	28.5	Annual High	80.3	69.0	69.3	73.0	47.0
QYMEAN	11.0	4th	35.5	9th	24.8	Annual 98 %-ile	55.4	53.3	46.1	58.4	38.6
98 %-ile	39	5th	31.9	10th	22.6	3 Year 98 %-ile	56	56	52	53	48