

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2009

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	18.8			10.5	3.0				6.7	7.3		
2			10.9					12.8				
3		32.0				3.9	9.6				11.6	27.9
4	9.9			11.5	3.0				5.3	5.3		
5			7.0					6.8				
6		25.5				1.9	3.3				5.1	36.2
7	23.6			13.8	3.9				3.1	15.1		
8			10.9					11.1				
9		13.3				5.2	5.6				8.7	
10	14.7			3.3	9.2				4.5	20.2		
11			9.5					5.1				
12		8.5				6.0	1.4				5.8	44.1
13	22.0			3.1	3.5				5.9	9.8		
14			8.8					5.2				
15		16.7				4.2	6.8				11.0	4.1
16	41.3			4.5	6.9				4.6	8.2		
17			8.5					5.4				
18		18.8				4.3	7.9				11.6	11.6
19	41.0			6.5	1.9				4.0	7.0		
20			3.4					7.2				
21		41.6				2.8	6.4				5.7	9.4
22	31.3			6.1	6.9				36.5	7.0		
23			4.6					6.6				
24		7.4				3.6	5.0				15.9	7.2
25	10.5			10.5	7.2				20.8	8.7		
26			6.6					5.4				
27		9.6				6.5	6.8				6.5	33.2
28	36.5			4.2	7.0				16.7	8.6		
29			7.0					4.0				
30						6.0	12.8				4.7	12.2
31	31.5				6.6					5.1		

MONTH												
NCAP	11	9	10	10	11	10	10	10	10	11	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	25.5	19.3	7.7	7.4	5.4	4.4	6.6	7.0	10.8	9.3	8.6	20.7
MAX	41.3	41.6	10.9	13.8	9.2	6.5	12.8	12.8	36.5	20.2	15.9	44.1

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			31			30			30		
%CAP	100.0%			100.0%			100.0%			96.8%		
MEAN	17.7			5.7			8.1			12.4		

ANNUAL						Site Statistics					
NCAP	121	HIGH	44.1	6th	36.5	Year	2005	2006	2007	2008	2009
%NCAP	99.2%	2nd	41.6	7th	36.2	Annual Mean	12.8	11.0	10.4	11.5	11.0
YMEAN	10.97	3rd	41.3	8th	33.2	Annual High	73.0	47.0	52.5	43.5	44.1
QYMEAN	11.0	4th	41.0	9th	32.0	Annual 98 %-ile	58.4	38.6	42.7	38.7	41.3
98 %-ile	41	5th	36.5	10th	31.5	3 Year 98 %-ile	53	48	47	40	41