

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2010

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		8.6				2.0	3.5				6.9	8.2
2	14.2			3.9	2.5				2.6	5.4		
3			6.7					6.8				
4		26.7				3.1	7.9				14.5	19.3
5	37.7			8.4	3.3				4.3	9.0		
6			14.2					14.3				
7		7.3				1.9	4.2				3.4	22.5
8	15.6			5.0	5.2				2.0	5.3		
9			19.2					4.0				
10		9.4				1.9	6.0				4.7	7.3
11	25.3			6.6	4.3				3.8	4.9		
12			5.8					5.0				
13		18.6				4.8	4.1				8.4	11.5
14	17.3			4.5	7.1				4.9	13.8		
15			11.9					4.7				
16		7.8				3.7	6.8				5.6	6.1
17	9.2			9.7					2.2	14.4		
18			14.5					6.0				
19		33.0				2.5	5.9				7.1	10.1
20	28.5			1.6	3.1				2.0	20.6		
21			9.1									
22		43.1				3.7	6.3					21.5
23	17.8			8.1	2.6				5.0	2.4		
24			8.5					5.0				
25		5.2				4.3	7.0				17.0	20.8
26	9.6			9.0	1.6				4.5	5.5		
27			5.6					4.0				
28		19.9				3.0	8.7				12.0	5.1
29	21.2			2.5	3.7				4.5	9.3		
30			3.0					2.4				
31							3.9					12.5

MONTH												
NCAP	10	10	10	10	9	10	11	9	10	10	9	11
%CAP	100.0%	100.0%	100.0%	100.0%	90.0%	100.0%	100.0%	90.0%	100.0%	100.0%	90.0%	100.0%
MEAN	19.6	18.0	9.9	5.9	3.7	3.1	5.8	5.8	3.6	9.0	8.8	13.2
MAX	37.7	43.1	19.2	9.7	7.1	4.8	8.7	14.3	5.0	20.6	17.0	22.5

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			29			30			30		
%CAP	100.0%			96.7%			96.8%			96.8%		
MEAN	15.8			4.2			5.0			10.4		

ANNUAL						Site Statistics					
NCAP	119	HIGH	43.1	6th	25.3	Year	2006	2007	2008	2009	2010
%NCAP	97.5%	2nd	37.7	7th	22.5	Annual Mean	11.0	10.4	11.5	11.0	8.9
YMEAN	8.95	3rd	33.0	8th	21.5	Annual High	47.0	52.5	43.5	44.1	43.1
QYMEAN	8.9	4th	28.5	9th	21.2	Annual 98 %-ile	38.6	42.7	38.7	41.3	33.0
98 %-ile	33	5th	26.7	10th	20.8	3 Year 98 %-ile	48	47	40	41	38