

PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2011

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			12.9					4.8				
2		42.0				2.2	4.7				19.2	17.1
3	9.7			6.1	7.0				5.3	2.5		
4			7.5					5.6				
5		17.8				5.3	7.0				16.0	22.9
6	9.2			5.2	4.3				15.0	2.8		
7			9.1					4.9				
8		10.0				6.1	3.2				13.3	21.5
9	14.2			7.3					16.0	5.5		
10			5.4					5.0				
11		37.7				6.0	2.1				20.4	19.3
12	32.0			3.3	4.5				7.6	5.6		
13								6.8				
14		3.9				2.8	2.8				10.1	47.7
15	17.2			7.9	3.1				3.6	9.7		
16			5.1					4.2				
17		20.3				3.1	0.2				6.6	29.2
18	14.8			6.1	3.1				3.3	11.8		
19			9.7					5.0				
20		8.3				3.3	2.4				11.3	6.5
21	11.4			4.9	7.7				5.2	8.4		
22			9.7					2.5				
23		17.6				2.6	5.0				7.7	47.9
24	26.3			3.2	2.9				6.8	10.9		
25			4.3					6.0				
26		12.7				4.2	3.7				19.6	19.0
27	36.6			3.2	2.2				2.3	22.8		
28			3.9					7.4				
29						1.4	5.7				5.8	13.7
30	22.5			5.3	2.2				7.2	5.0		
31			3.3					4.7				

MONTH												
NCAP	10	9	10	10	9	10	10	11	10	10	10	10
%CAP	100.0%	100.0%	90.9%	100.0%	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	19.4	18.9	7.1	5.3	4.1	3.7	3.7	5.2	7.2	8.5	13.0	24.5
MAX	36.6	42.0	12.9	7.9	7.7	6.1	7.0	7.4	16.0	22.8	20.4	47.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	29			29			31			30		
%CAP	96.7%			96.7%			100.0%			100.0%		
MEAN	15.0			4.3			5.3			15.3		

ANNUAL	Site Statistics										
NCAP	119	HIGH	47.9	6th	32.0	Year	2007	2008	2009	2010	2011
%NCAP	98.3%	2nd	47.7	7th	29.2	Annual Mean	10.4	11.5	11.0	8.9	10.0
YMEAN	9.98	3rd	42.0	8th	26.3	Annual High	52.5	43.5	44.1	43.1	47.9
QYMEAN	10.0	4th	37.7	9th	22.9	Annual 98 %-ile	42.7	38.7	41.3	33.0	42.0
98 %-ile	42	5th	36.6	10th	22.8	3 Year 98 %-ile	47	40	41	38	39