

## PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 1999

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	18.6	18.9	10.3	14.8	3.7		1.5	5.8	4.5	10.5	14.8	5.3
2	17.0	16.9	5.5	9.3	3.8		1.8	4.8	4.7	11.7	22.6	8.3
3	32.6	8.6	8.2	7.6	4.8	12.3	1.7	6.5	5.3	12.6	17.0	8.8
4	47.3	13.8	14.7	8.0	4.5	8.7	9.7	7.6	6.7	17.9	13.7	13.3
5	60.1	5.3	11.8	8.1		8.6	9.1	4.6	4.9	12.8	32.0	13.9
6	44.3	8.7	14.4			7.9	6.2	6.8	3.1	5.3	15.5	7.7
7	35.8	15.5	12.8	16.8	4.7	3.0	2.7	2.0	4.3		18.5	8.4
8	29.4	29.7	10.0	6.3	3.6	3.5	6.9	2.5	8.6		16.0	10.2
9	57.0		8.6	9.2	5.3	4.9	12.7	6.6	12.4	6.1	20.0	13.2
10	63.1		19.6	8.0	11.5	5.8	16.9		9.0	9.1	8.8	10.5
11	49.6		16.6		6.4	4.9	15.5	4.2	8.3	14.3	20.5	8.2
12	22.6	26.0		15.0	3.3			4.5	15.5	15.6	20.5	10.8
13	15.8	17.0		7.5	3.6		8.8	2.8	13.2	13.3	12.0	12.4
14	26.3	17.1			3.0		6.3	1.6	19.3	12.7	20.2	14.5
15		10.7		21.1	4.0		6.1	2.7	17.0		24.3	12.6
16	12.9	11.5		11.3	7.0		4.6	4.5	15.5		12.5	13.3
17	18.0			13.7	4.8	5.2	3.9		11.2		9.7	9.7
18	15.9	7.7	22.2	11.7	2.3	2.8	4.8	10.3	12.8		18.4	12.7
19	15.1	17.1	27.5	10.2	4.5	3.6	7.1	5.9	12.8	23.2	22.8	11.0
20	15.6	14.4	23.7	5.8	4.0	6.5	7.1	9.1	10.1		8.1	16.3
21	13.1	9.6	17.3	6.8	6.1		6.2	4.3	9.9		7.3	21.1
22	16.5	4.3	16.6	8.4	7.9		8.9	5.7	12.1	28.6	8.5	29.1
23	14.9	6.4	9.0	11.3	8.3	4.8	7.6	8.2	9.3	36.0	11.4	34.0
24	14.5	7.7	8.8	11.7	10.1	2.8	2.7	10.3	4.8	21.2	14.6	46.1
25	20.9		4.3	11.5		1.5	3.8	12.0	3.9	16.2	9.7	55.0
26	15.3	5.2	4.5	7.0			7.8	13.1	7.7	6.3	7.8	62.0
27		4.7	7.8	5.0			10.4		17.0	9.7	6.9	72.0
28		9.5	8.1	7.2			10.6		13.8	7.8	16.0	57.0
29	30.9		4.9	12.5		7.0	8.3		12.2	14.2	13.6	58.8
30	37.8		12.7	12.0		3.7	8.1		9.8	19.8	13.7	28.5
31	42.3		11.9				8.2			13.9		17.7

MONTH												
NCAP	28	23	25	27	22	18	30	24	30	23	30	31
%CAP	90.3%	82.1%	80.6%	90.0%	71.0%	60.0%	96.8%	77.4%	100.0%	74.2%	100.0%	100.0%
MEAN	28.7	12.5	12.5	10.3	5.3	5.4	7.2	6.1	10.0	14.7	15.2	22.7
MAX	63.1	29.7	27.5	21.1	11.5	12.3	16.9	13.1	19.3	36.0	32.0	72.0

QUARTER	Q1			Q2			Q3			Q4		
NCAP	76			67			84			84		
%CAP	84.4%			73.6%			91.3%			91.3%		
MEAN	18.4			7.3			7.8			17.8		

ANNUAL					
NCAP	311	HIGH	72.0	6th	57.0
%NCAP	85.2%	2nd	63.1	7th	57.0
YMEAN	13.03	3rd	62.0	8th	55.0
QYMEAN	12.8	4th	60.1	9th	49.6
98 %-ile	57	5th	58.8	10th	47.3