PM 2.5 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2005

24 HOUR AVERAGE CONCENTRATION, µg/m^3, LTP

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.3	42.4	21.2	9.4	4.3	1.7			5.5	2.9		
2	12.9	43.7	24.2	6.6	4.5	2.8		3.4				
3	19.6	58.4	15.6	6.2	6.2	4.4	5.2				7.9	20.1
4	20.1	36.5	11.5	6.5	3.6	4.7			3.3	6.4		
5	57.4	14.0	23.1	9.7	3.2	2.3		9.0				
6	57.6	13.8	23.0	12.3	1.8	1.8	1.9				8.8	12.7
7	25.2	12.5	22.6	6.8	1.8	2.5			6.4	8.0		
8	16.0		13.1	3.5	3.2	2.0		5.8				
9	30.3	31.7	12.5	4.4	3.1	3.7	1.6				20.2	12.8
10	13.0	37.4	16.5	5.5	2.9	2.7			1.7	4.5		
11	12.5	47.7	20.8	4.8	3.1	2.1		5.0				
12	35.0	33.5	18.7	6.5	4.9	2.8	2.8				7.7	17.5
13	34.8	14.3	19.8	2.4	5.4	2.7			7.8	8.8		
14	45.7	24.6	26.7	6.5	6.7	4.7		4.5				
15	30.5	30.0	27.1		4.3	4.3	7.3				16.6	73.0
16	25.8	62.6	19.7		2.6	4.3			12.3	5.8		
17	25.1	63.2	7.1		3.1	1.8		7.1				
18	29.9	65.3	7.4		2.0	1.6	6.8				25.4	13.5
19	16.9	34.5	4.0	5.8	3.5	1.8			6.5	5.5		
20	29.1	8.9	3.6	5.7	2.8	2.8		8.7				
21	32.8	20.7	6.6	9.0	2.9	4.8	6.7				23.2	49.0
22	43.3	27.0	6.5	5.9	4.3	3.7			7.7	16.8		
23	42.0	44.8	5.0	7.0	5.4	4.5		6.2				
24	46.1	40.6	4.3	4.0	5.8	5.7	4.6				29.3	15.1
25	58.3	18.8	5.4	5.2	5.7	4.6			12.6	7.3		
26	34.9	18.9	5.4	5.4	5.3	3.9		8.1				
27	19.2	30.1	9.3	5.3	6.0	1.4	8.5				10.5	9.9
28	15.9	14.9	5.1	4.8	4.9	1.7			9.6	10.0		
29	25.5		5.1	4.0	3.9	3.7		3.4				
30	35.9		10.3	3.4	4.9	4.2	5.0				8.8	12.2
31	48.9		8.3		4.5					9.0		

MONTH												
NCAP	31	27	31	26	31	30	10	10	10	11	10	10
%CAP	100.0%	96.4%	100.0%	86.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN	30.8	33.0	13.2	6.0	4.1	3.2	5.0	6.1	7.3	7.7	15.8	23.6
MAX	58.3	65.3	27.1	12.3	6.7	5.7	8.5	9.0	12.6	16.8	29.3	73.0

QUARTER	Q1	Q2	Q3	Q4
NCAP	89	87	30	31
%CAP	98.9%	95.6%	100.0%	100.0%
MEAN	25.3	4.3	6.1	15.4

ANNUAL						Site Statistics					
NCAP	237	HIGH	73.0	6th	58.3	Year	2001	2002	2003	2004	2005
%NCAP	97.9%	2nd	65.3	7th	57.6	Annual Mean	13.8	14.0	12.3	12.0	12.8
YMEAN	13.92	3rd	63.2	8th	57.4	Annual High	95.7	80.3	69.0	69.3	73.0
QYMEAN	12.8	4th	62.6	9th	49.0	Annual 98 %-ile	59.5	55.4	53.3	46.1	58.4
98 %-ile	58	5th	58.4	10th	48.9	3 Year 98 %-ile	56	56	56	52	53