

PM 2.5 MONITORING ANNUAL SUMMARY

HIGHWAY 99 - 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	2.4			6.3	7.5				6.1	5.0		
2			5.0					3.7				
3		43.6				5.8	10.9					22.2
4	9.7			11.4	2.8				6.3	6.1		
5			2.3					7.9				
6		9.5				1.9	4.9				5.2	11.8
7	1.2			10.8	2.5				3.4	11.4		
8			3.2					11.5				
9		5.7				4.8	4.6				7.0	36.4
10	9.7			2.4	5.9				6.0	10.0		
11			9.6					2.6				
12		7.7				7.7	6.3				5.6	47.9
13	6.5			2.8	3.6				4.9	9.0		
14			3.8					5.8				
15		7.8				6.7	3.4					3.3
16	12.3			3.9	9.9				3.1	13.1		
17			5.5					8.6				
18		12.7				2.6	6.5				5.3	12.8
19	25.2			9.9					3.0	7.1		
20			2.4					3.9				
21		19.4				3.0	4.8				1.9	2.6
22	32.7			7.3	7.6				14.3	9.4		
23			3.5					7.3				
24		1.9				5.1	6.6				9.6	6.1
25	6.5			6.7	6.2				8.5	11.1		
26			5.4					6.8				
27		10.1				8.5	10.1				6.6	15.5
28	8.7			5.4	9.3					14.0		
29			5.1					5.1				
30						6.7	4.9				6.8	3.3
31	15.0				3.8							

MONTH												
NCAP	11	9	10	10	10	10	10	10	9	10	8	10
%CAP	100.0%	100.0%	100.0%	100.0%	90.9%	100.0%	100.0%	100.0%	90.0%	100.0%	80.0%	90.9%
MEAN	11.8	13.2	4.6	6.7	5.9	5.3	6.3	6.3	6.2	9.6	6.0	16.2
MAX	32.7	43.6	9.6	11.4	9.9	8.5	10.9	11.5	14.3	14.0	9.6	47.9

QUARTER	Q1			Q2			Q3			Q4		
NCAP	30			30			29			28		
%CAP	100.0%			96.8%			96.7%			90.3%		
MEAN	9.8			6.0			6.3			10.9		

ANNUAL	Site Statistics											
NCAP	117	HIGH	47.9	6th	22.2	Year	2005	2006	2007	2008	2009	
%NCAP	95.9%	2nd	43.6	7th	19.4	Annual Mean			8.3	8.3	8.2	
YMEAN	8.2	3rd	36.4	8th	15.5	Annual High			53.5	32.4	47.9	
QYMEAN	8.2	4th	32.7	9th	15.0	Annual 98 %-ile			34	25	36	
98 %-ile	36.4	5th	25.2	10th	14.3	3 Year 98 %-ile					32	