

PM 2.5 MONITORING ANNUAL SUMMARY

HIGHWAY 99 - 2012

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	20.6		3.6					5.5				
2						1.8	3.1				7.8	1.8
3		20.5		3.7	1.8				6.0	9.3		
4	3.7		11.6					9.4				
5						1.5	10.5				7.5	6.9
6		30.0		4.1	7.3				10.3	10.6		
7	4.3		15.1					3.0				
8						1.9	8.1				7.0	7.3
9		11.0		9.2	4.9				3.2	13.0		
10	7.3		4.6					5.8				
11						4.8	12.2				4.1	2.7
12		7.7		2.1	11.1				10.1	4.1		
13								11.3				
14						3.9	5.4				9.1	5.1
15		10.6		4.6	9.8					2.0		
16			2.8					9.7	8.6			
17						1.2	4.1				5.5	4.6
18		6.1		3.5	6.8				14.3	20.6		
19	2.0		2.4					2.8				
20						4.1	2.2				2.5	2.0
21		1.5		10.3	3.1				5.1	4.1		
22	2.0		6.0					4.7				
23						1.1	4.0				5.0	1.9
24		6.3		2.1	2.3					3.9		
25	7.5		5.5					7.1				
26						1.7	4.4				13.0	2.9
27		10.5		2.3	4.0				15.5	8.9		
28	15.5		2.7					3.6				
29						3.8					5.6	13.5
30				1.9	5.1				4.7	11.5		
31	5.5		1.7				4.2	4.8				

MONTH												
NCAP	9	9	10	10	10	10	10	11	9	10	10	10
%CAP	81.8%	100.0%	90.9%	100.0%	100.0%	100.0%	100.0%	100.0%	90.0%	100.0%	100.0%	100.0%
MEAN	7.6	11.6	5.6	4.4	5.6	2.6	5.8	6.2	8.6	8.8	6.7	4.9
MAX	20.6	30.0	15.1	10.3	11.1	4.8	12.2	11.3	15.5	20.6	13.0	13.5

QUARTER	Q1			Q2			Q3			Q4		
NCAP	28			30			30			30		
%CAP	90.3%			96.8%			96.8%			100.0%		
MEAN	8.2			4.2			6.8			6.8		

ANNUAL	Site Statistics										
NCAP	118	HIGH	30.0	6th	15.5	Year	2008	2009	2010	2011	2012
%NCAP	96.7%	2nd	20.6	7th	15.1	Annual Mean	8.3	8.2	6.3	6.8	6.5
YMEAN	6.5	3rd	20.6	8th	14.3	Annual High	32.4	47.9	22.9	26.7	30.0
QYMEAN	6.5	4th	20.5	9th	13.5	Annual 98 %-ile	25	36	20	22	21
98 %-ile	20.6	5th	15.5	10th	13.0	3 Year 98 %-ile		32	27	26	21