APPENDIX VI

MATES III

FINAL REPORT

Summaries for the MATES III Fixed Monitoring Sites

Appendix VI

Summaries for the MATES III Fixed Monitoring Sites

VI-1 Method Detection Limit (MDL) and Data Reporting

For MATES III, guidance for determination of the Method Detection Limit (MDL) and data reporting was taken from the U. S. EPA's National Air Toxics Pilot City Monitoring Program. The MDL, as defined in 40 CFR Appendix B, Part 136, "Definition and Procedure for Determination of the Method Detection Limit" was used. The MDL is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given sample matrix containing the analyte (EPA, 2001) [1]

The AQMD Laboratory used this MDL determination method for the analyses conducted. It consists of seven replicate analyses of a sample containing the analyte of interest at a level not to exceed five times the projected MDL. A standard deviation is determined using results of the analysis. The standard deviation times 3.14 (from the Tables of Student's t Values at the 99% confidence level) is the reported MDL.

It was recognized by the Science Advisory Board (EPA, 2001) that just because a value is below the MDL does not mean the Laboratory has not been able to measure a value, but rather the measurement has less reliability than others above the MDL. From this study, it became the convention for MATES III to report every value, even those below the MDL. These values were flagged as being below the MDL but above the Limit of Detection (LoD). For analytes that had concentrations that were below the LoD, no concentration is ascertained in the analysis; and the data are reported as zero.

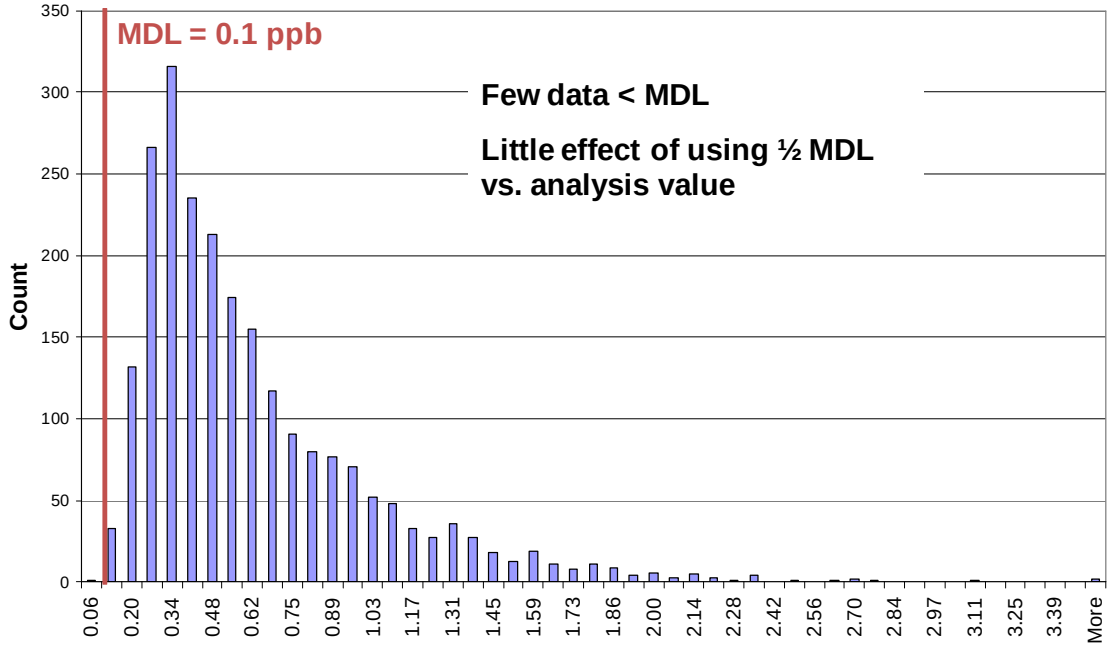
Particulate metals were measured by X-Ray Fluorescence (XRF), which exposes the Teflon sample filter to X-rays to induce excitation and subsequent florescence of the metals. For these measurements the statistical counting error of the detected pulses is calculated. An advantage of using this technique is that the analytical uncertainty can be calculated every time an analysis is performed. The detection level can also be determined during the calibration process using single element thin film calibration standards. For data reporting, the detection level is substituted for negative or zero values. Negative values appear in some instances because occasionally, the Teflon filters used for background subtractions are lower than the sample filter. An uncertainty value is also reported for each data point.

In calculating the average concentrations, the reported analytical values are used. Other reporting conventions include reporting a value equal to ½ the MDL for all values below the MDL. However, this can lead to potential biases in calculating average values.

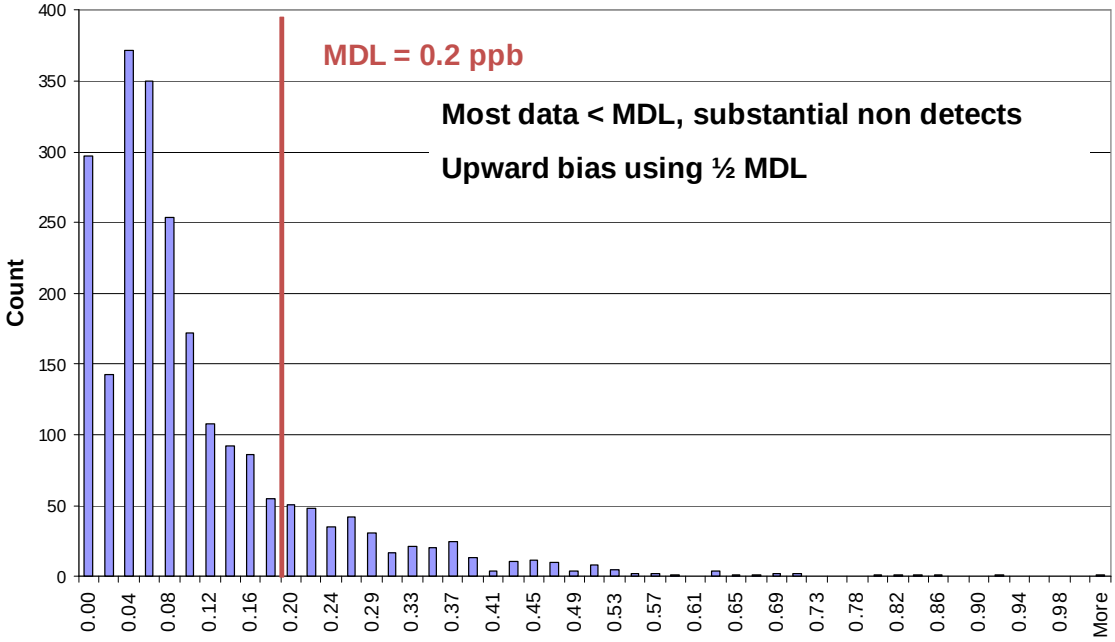
To illustrate the effect of using ½ the MDL compared to the analysis value, three examples are presented. The following figures show the frequency distributions of reported data for benzene, 1,3-butadiene, and vinyl chloride.

[1] Reference: Pilot City Air Toxics Measurements Summary, EPA454/R-01-003, February 2001

Benzene



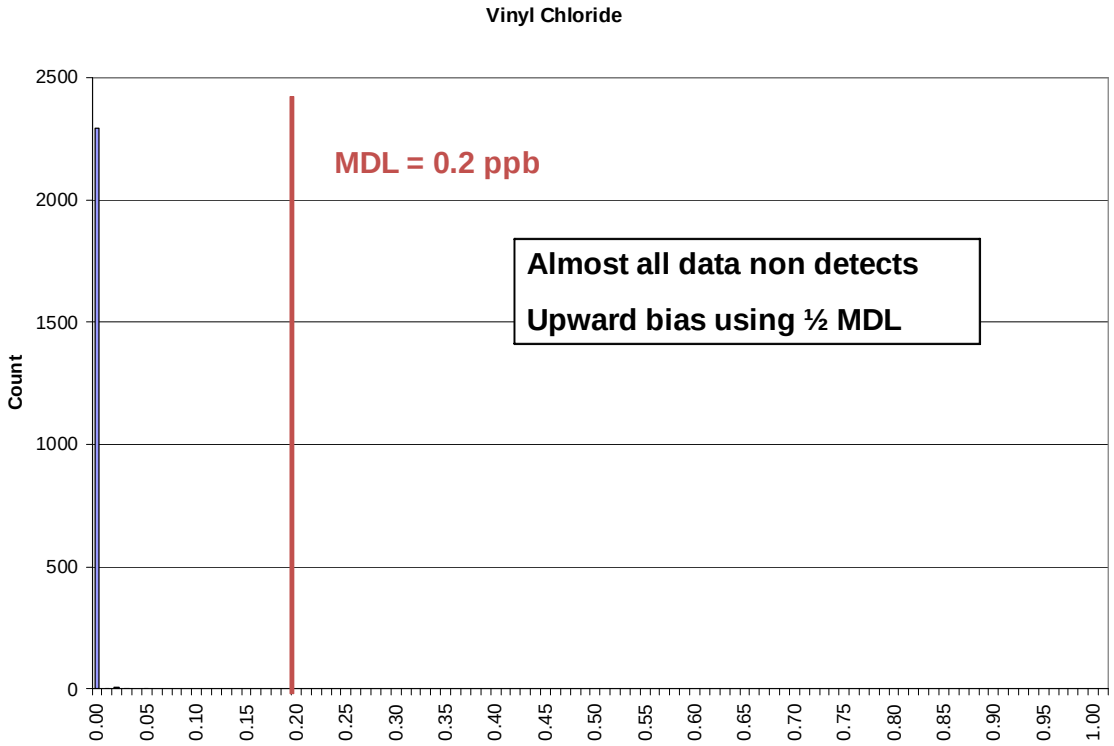
1,3-Butadiene



The chart for benzene shows an example where very few data are below the MDL, and there is little effect on the average of using ½ the MDL for data that are lower than the MDL.

The chart for 1,3 butadiene shows a considerable number of values below the MDL. Here using ½ the MDL would bias the average upward. This becomes more of a concern as ambient concentrations decrease over time as a result of emissions reduction and may give an inappropriate view of the actual trends in levels.

Vinyl chloride gives an example of a substance where very few data are at detectable levels. Clearly, in this case, using ½ the MDL would bias the average high.



The station abbreviations used in the following tables are listed below.

Station	Abbreviation
Anaheim	AN
Burbank	BU
Central Los Angeles	LA
Compton	CO
Inland Valley San Bernardino	SB
Huntington Park	HP
North Long Beach	NLB
Pico Rivera	PR
Rubidoux	RU
West Long Beach	WLB

Table VI-1 Ambient Concentrations (ppb) of Carbonyls at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Acetaldehyde	**Year 1**	Avg	1.28	1.96	2.09	1.56	1.79	1.33	1.30	1.68	1.64	1.41
MDL = 0.1		SD	0.64	0.88	1.04	0.77	1.05	0.84	0.68	0.71	0.91	0.78
		N	119	118	119	118	118	112	120	119	117	113
		95% CI	0.11	0.16	0.19	0.14	0.19	0.16	0.12	0.13	0.16	0.14
		Max	3.73	5.00	5.22	4.15	4.71	4.00	3.88	3.90	4.13	4.52
		Min	0.05	0.10	0.54	0.33	0.24	0.03	0.05	0.37	0.36	0.21
		N< LoD	1	0	0	0	0	1	2	0	0	0
		N = ND	0	0	0	0	0	0	0	0	0	0
Acetaldehyde	**Year 2**	Avg	1.31	1.95	1.69	1.52	1.98		1.31		1.75	1.43
		SD	0.64	0.84	0.82	0.94	0.98		0.71		0.87	0.86
		N	122	121	122	110	120		122		119	120
		95% CI	0.11	0.15	0.15	0.18	0.18		0.13		0.16	0.15
		Max	3.06	4.06	4.63	4.67	4.03		3.99		3.78	4.36
		Min	0.43	0.31	0.08	0.07	0.23		0.31		0.29	0.20
		N< MDL	0	0	1	1	0		0		0	0
		N = 0	0	0	0	0	0		0		0	0
Acetone	**Year 1**	Avg	1.28	1.96	2.09	1.56	1.79	1.33	1.30	1.68	1.64	1.41
MDL = 0.1		SD	0.64	0.88	1.04	0.77	1.05	0.84	0.68	0.71	0.91	0.78
		N	119	118	119	118	118	112	120	119	117	113
		95% CI	0.11	0.16	0.19	0.14	0.19	0.16	0.12	0.13	0.16	0.14
		Max	3.73	5.00	5.22	4.15	4.71	4.00	3.88	3.90	4.13	4.52
		Min	0.05	0.10	0.54	0.33	0.24	0.03	0.05	0.37	0.36	0.21
		N< MDL	1	0	0	0	0	1	2	0	0	0
		N = 0	0	0	0	0	0	0	0	0	0	0
Acetone	**Year 2**	Avg	1.31	1.95	1.69	1.52	1.98		1.31		1.75	1.43
		SD	0.64	0.84	0.82	0.94	0.98		0.71		0.87	0.86
		N	122	121	122	110	120		122		119	120
		95% CI	0.11	0.15	0.15	0.18	0.18		0.13		0.16	0.15
		Max	3.06	4.06	4.63	4.67	4.03		3.99		3.78	4.36
		Min	0.43	0.31	0.08	0.07	0.23		0.31		0.29	0.20
		N< MDL	0	0	1	1	0		0		0	0
		N = 0	0	0	0	0	0		0		0	0

Table VI-1 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Formaldehyde	Year 1	Avg	2.91	3.73	4.47	3.17	3.39	4.08	3.84	3.49	3.47	3.19
MDL = 0.1		SD	1.17	1.40	1.85	1.26	1.94	1.29	1.52	1.28	1.74	1.56
		N	119	118	119	118	118	83	120	119	117	113
		95% CI	0.21	0.25	0.33	0.23	0.35	0.28	0.27	0.23	0.31	0.29
		Max	7.25	6.81	10.11	7.56	8.08	8.49	8.76	6.85	7.89	12.81
		Min	0.88	0.97	1.25	0.80	0.38	1.39	0.57	0.98	0.50	0.92
		N< MDL	0	0	0	0	0	0	0	0	0	0
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	2.99	3.84	4.02	2.94	3.81		3.56		3.53	3.36
		SD	1.29	1.64	1.93	1.56	2.00		1.66		1.73	1.50
		N	122	121	122	110	120		122		119	120
		95% CI	0.23	0.29	0.34	0.29	0.36		0.30		0.31	0.27
		Max	7.74	7.71	10.61	8.43	8.96		11.53		8.17	9.23
		Min	0.54	0.54	0.00	0.32	0.20		0.76		0.25	0.66
		N< MDL	0	0	1	0	0		0		0	0
		N = 0	0	0	1	0	0		0		0	0
Methyl Ethyl Ketone	Year 1	Avg	0.33	0.43	0.41	0.34	0.41	0.31	0.30	0.42	0.40	0.41
MDL = 0.1		SD	0.26	0.27	0.24	0.26	0.27	0.24	0.23	0.30	0.24	0.41
		N	119	118	119	118	118	112	120	119	117	113
		95% CI	0.05	0.05	0.04	0.05	0.05	0.04	0.04	0.05	0.04	0.08
		Max	1.07	1.20	1.07	1.22	1.06	1.03	0.88	1.32	1.04	2.40
		Min	0.02	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.02
		N< MDL	21	7	3	19	8	15	23	12	7	12
		N = 0	0	0	0	0	1	5	1	1	1	0
	Year 1	Avg	0.21	0.30	0.22	0.23	0.32		0.17		0.31	0.23
		SD	0.16	0.21	0.11	0.18	0.17		0.12		0.16	0.21
		N	122	121	122	110	120		122		119	120
		95% CI	0.03	0.04	0.02	0.03	0.03		0.02		0.03	0.04
		Max	0.97	1.06	0.54	0.95	0.78		0.71		0.73	1.19
		Min	0.03	0.03	0.00	0.00	0.06		0.01		0.07	0.00
		N< MDL	29	9	20	17	5		33		6	28
		N = 0	0	0	1	1	0		0		0	1

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Benzene	Year 1	Avg	0.44	0.73	0.59	0.82	0.49	0.76	0.56	0.57	0.45	0.57
MDL = 0.1		SD	0.28	0.42	0.30	0.70	0.24	0.46	0.35	0.32	0.25	0.44
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.05	0.08	0.05	0.13	0.04	0.09	0.06	0.06	0.05	0.08
		Max	1.44	2.16	1.83	3.50	1.26	2.20	1.62	1.86	1.23	1.95
		Min	0.10	0.25	0.21	0.13	0.07	0.28	0.17	0.14	0.12	0.08
		N< MDL	0	0	0	0	2	0	0	0	0	1
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.42	0.69	0.57	0.78	0.49		0.48		0.43	0.50
		SD	0.33	0.44	0.31	0.67	0.24		0.34		0.26	0.38
		N	115	122	121	118	116		118		120	120
		95% CI	0.06	0.08	0.06	0.12	0.04		0.06		0.05	0.07
		Max	2.06	1.85	1.53	3.53	1.24		1.70		1.32	1.77
		Min	0.11	0.11	0.16	0.17	0.10		0.14		0.10	0.10
		N< MDL	0	0	0	0	0		0		0	0
		N = 0	0	0	0	0	0		0		0	0
1,3 Butadiene	Year 1	Avg	0.08	0.15	0.12	0.20	0.08	0.17	0.12	0.12	0.08	0.10
MDL = 0.2		SD	0.07	0.13	0.08	0.22	0.05	0.14	0.10	0.10	0.07	0.12
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.01	0.02	0.02	0.04	0.01	0.03	0.02	0.02	0.01	0.02
		Max	0.32	0.56	0.42	1.02	0.24	0.71	0.48	0.49	0.31	0.50
		Min	0.00	0.00	0.03	0.00	0.00	0.02	0.02	0.03	0.00	0.00
		N< MDL	107	87	96	80	110	67	95	99	107	92
		N = 0	6	1	0	1	8	0	0	0	8	13
	Year 2	Avg	0.04	0.12	0.09	0.14	0.04		0.07		0.04	0.06
		SD	0.06	0.13	0.08	0.17	0.04		0.08		0.06	0.09
		N	115	122	121	118	116		118		120	120
		95% CI	0.01	0.02	0.01	0.03	0.01		0.01		0.01	0.02
		Max	0.34	0.62	0.34	0.78	0.22		0.38		0.33	0.44
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	111	102	105	88	115		107		114	112
		N = 0	41	15	15	17	36		21		57	47

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Carbon Tetrachloride	Year 1	Avg	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07
MDL = 0.05		SD	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Max	0.10	0.10	0.11	0.09	0.12	0.09	0.10	0.09	0.10	0.09
		Min	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
		N< MDL	2	3	1	2	2	2	3	3	1	4
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.09	0.09	0.09	0.09	0.09		0.09		0.09	0.09
		SD	0.01	0.01	0.01	0.01	0.01		0.01		0.01	0.01
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		Max	0.12	0.11	0.11	0.11	0.13		0.11		0.11	0.12
		Min	0.06	0.06	0.06	0.06	0.06		0.07		0.06	0.06
		N< MDL	0	0	0	0	0		0		0	0
		N = 0	0	0	0	0	0		0		0	0
Chloroform	Year 1	Avg	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03
MDL = 0.1		SD	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.02
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Max	0.07	0.12	0.08	0.10	0.07	0.09	0.09	0.11	0.06	0.09
		Min	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.02	0.00	0.00
		N< MDL	118	114	117	117	115	98	119	119	114	114
		N = 0	0	1	0	1	5	0	0	0	1	1
	Year 2	Avg	0.03	0.05	0.04	0.03	0.03		0.03		0.03	0.03
		SD	0.01	0.03	0.02	0.02	0.01		0.02		0.01	0.02
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		Max	0.08	0.13	0.09	0.09	0.07		0.07		0.07	0.07
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	116	121	118	116		118		120	120
		N = 0	3	3	1	1	3		2		5	1

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
1,2-Dibromoethane	Year 1	Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MDL = 0.2		SD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N	118	118	117	118	115	98	119	121	114	114
		95% CI										
		Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	118	117	118	115	98	119	121	114	114
		N = 0	118	118	117	118	115	98	119	121	114	114
	Year 2	Avg	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		SD	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N	115	122	121	118	116		118		120	120
		95% CI	#NUM!	0.00	#NUM!	#NUM!	#NUM!		#NUM!		#NUM!	0.00
		Max	0.00	0.03	0.00	0.00	0.00		0.00		0.00	0.02
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	118	116		118		120	120
		N = 0	115	121	121	118	116		118		120	119
1,2-Dichlorobenzene	Year 1	Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MDL = 0.3		SD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.00	0.00	0.00			0.00				
		Max	0.02	0.02	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	118	117	118	115	98	119	121	114	114
		N = 0	117	117	116	118	115	94	119	121	114	114
	Year 2	Avg	0.00	0.00	0.00	0.01	0.00		0.00		0.00	0.00
		SD	0.01	0.01	0.01	0.02	0.00		0.01		0.00	0.01
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		Max	0.07	0.07	0.07	0.22	0.03		0.07		0.03	0.06
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	117	116		118		120	120
		N = 0	110	117	115	107	111		114		115	113

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
1,4-Dichlorobenzene	Year 1	Avg	0.04	0.05	0.05	0.09	0.03	0.08	0.03	0.05	0.06	0.03
MDL = 0.3		SD	0.02	0.03	0.03	0.08	0.02	0.05	0.03	0.04	0.05	0.03
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01
		Max	0.13	0.18	0.17	0.42	0.10	0.32	0.12	0.26	0.26	0.16
		Min	0.00	0.00	0.01	0.01	0.00	0.02	0.00	0.00	0.00	0.00
		N< MDL	118	118	117	114	115	97	119	121	114	114
		N = 0	6	1	0	0	16	0	9	2	6	26
	Year 2	Avg	0.01	0.03	0.03	0.05	0.02		0.01		0.02	0.01
		SD	0.02	0.02	0.02	0.05	0.01		0.02		0.02	0.02
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.00	0.00	0.01	0.00		0.00		0.00	0.00
		Max	0.09	0.08	0.09	0.24	0.05		0.08		0.11	0.08
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	118	116		118		120	120
		N = 0	50	23	22	13	36		51		40	58
1,2-Dichloroethane	Year 1	Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MDL = 0.1		SD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	#NUM!	0.00	#NUM!	0.00	#NUM!	0.00	0.00	#NUM!	#NUM!	#NUM!
		Max	0.00	0.03	0.00	0.03	0.00	0.03	0.02	0.00	0.00	0.00
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	118	117	118	115	98	119	121	114	114
		N = 0	118	117	117	117	115	95	117	121	114	114
	Year 2	Avg	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		SD	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N	115	122	121	118	116		118		120	120
		95% CI	!	0.00	!	!	0.00		0.00		0.00	0.00
		Max	0.00	0.02	0.00	0.00	0.02		0.03		0.02	0.03
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	118	116		118		120	120
		N = 0	115	121	121	118	115		115		118	118

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
1,2-Dichloropropane	Year 1	Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MDL = 0.2		SD	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
		N	118	118	117	118	115	98	119	121	114	114
		95% CI										
		Max	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	118	117	118	115	98	119	121	114	114
		N = 0	118	118	117	116	115	98	119	121	114	114
	Year 2	Avg	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		SD	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.00	0.00	0.00						0.00
		Max	0.02	0.03	0.02	0.02	0.00		0.00		0.00	0.03
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	118	116		118		120	120
		N = 0	114	120	120	117	116		118		120	119
Ethylbenzene	Year 1	Avg	0.20	0.34	0.25	0.40	0.21	0.36	0.22	0.26	0.18	0.27
MDL = 0.1		SD	0.16	0.22	0.14	0.37	0.13	0.25	0.17	0.17	0.12	0.22
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.03	0.04	0.03	0.07	0.02	0.05	0.03	0.03	0.02	0.04
		Max	0.81	1.16	0.85	1.88	0.69	1.22	0.75	0.93	0.59	1.13
		Min	0.03	0.10	0.08	0.07	0.02	0.11	0.04	0.07	0.02	0.04
		N< MDL	31	0	6	13	23	0	18	9	26	21
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.20	0.35	0.26	0.41	0.22		0.20		0.19	0.22
		SD	0.19	0.25	0.16	0.37	0.13		0.17		0.14	0.18
		N	115	122	121	118	116		118		120	120
		95% CI	0.04	0.04	0.03	0.07	0.02		0.03		0.03	0.03
		Max	1.25	1.06	0.76	1.97	0.55		0.85		0.80	0.97
		Min	0.03	0.06	0.05	0.09	0.00		0.04		0.02	0.05
		N< MDL	40	8	10	3	20		36		35	33
		N = 0	0	0	0	0	1		0		0	0

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Methylene Chloride	Year 1	Avg	0.22	0.35	0.36	0.32	0.18	0.32	1.90	0.29	0.19	0.21
MDL = 0.1		SD	0.16	0.21	0.22	0.30	0.11	0.34	11.76	0.25	0.11	0.20
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.03	0.04	0.04	0.05	0.02	0.07	2.11	0.05	0.02	0.04
		Max	0.99	1.15	1.37	2.85	0.59	2.97	109.94	2.45	0.58	1.42
		Min	0.06	0.09	0.10	0.06	0.03	0.07	0.05	0.07	0.03	0.04
		N< MDL	69	35	19	44	73	46	68	45	78	74
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.24	0.34	0.37	0.36	0.18		0.19		0.33	0.19
		SD	0.17	0.33	0.21	0.94	0.09		0.13		0.18	0.16
		N	115	122	121	118	116		118		120	120
		95% CI	0.03	0.06	0.04	0.17	0.02		0.02		0.03	0.03
		Max	0.96	2.81	1.30	10.25	0.48		0.69		0.91	1.08
		Min	0.04	0.03	0.07	0.05	0.00		0.04		0.06	0.00
		N< MDL	62	41	29	55	66		75		33	83
		N = 0	0	0	0	0	1		0		0	1

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Methyl t-Butyl Ether	Year 1	Avg	0.00	0.05	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
MDL = 0.3		SD	0.01	0.34	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Max	0.07	3.35	0.07	0.09	0.11	0.07	0.05	0.06	0.07	0.13
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	114	117	118	113	98	119	121	114	113
		N = 0	100	86	91	90	90	85	97	100	91	89
	Year 2	Avg	0.00	0.00	0.00	0.01	0.00		0.00		0.00	0.01
		SD	0.01	0.01	0.01	0.02	0.01		0.01		0.01	0.03
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		Max	0.05	0.06	0.04	0.07	0.06		0.10		0.05	0.17
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	118	116		117		120	117
		N = 0	107	110	110	103	102		105		111	95
Perchloroethylene	Year 1	Avg	0.05	0.11	0.06	0.14	0.04	0.09	0.04	0.06	0.03	0.04
MDL = 0.1		SD	0.05	0.08	0.04	0.15	0.03	0.08	0.04	0.04	0.03	0.04
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.01	0.01	0.01	0.03	0.01	0.02	0.01	0.01	0.00	0.01
		Max	0.43	0.54	0.21	1.21	0.17	0.50	0.22	0.22	0.15	0.18
		Min	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
		N< MDL	101	73	105	65	110	71	109	105	111	105
		N = 0	7	0	1	1	7	0	14	1	15	24
	Year 2	Avg	0.05	0.09	0.05	0.11	0.05		0.04		0.03	0.04
		SD	0.06	0.09	0.04	0.13	0.03		0.04		0.02	0.04
		N	115	122	121	118	116		118		120	120
		95% CI	0.01	0.02	0.01	0.02	0.01		0.01		0.00	0.01
		Max	0.46	0.79	0.20	0.91	0.16		0.19		0.11	0.19
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	102	85	101	78	108		108		118	111
		N = 0	16	7	6	4	9		24		25	28

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Styrene	Year 1	Avg	0.41	0.08	0.05	0.13	0.08	0.07	0.09	0.07	0.08	0.30
MDL = 0.1		SD	0.75	0.11	0.04	0.13	0.07	0.05	0.10	0.05	0.07	0.33
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.13	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.06
		Max	3.22	0.81	0.20	0.90	0.37	0.27	0.43	0.27	0.42	1.41
		Min	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.00
		N< MDL	73	91	105	64	83	71	83	95	84	40
		N = 0	3	4	3	0	6	0	3	0	5	4
	Year 2	Avg	0.29	0.10	0.06	0.18	0.07		0.10		0.08	0.32
		SD	0.70	0.14	0.08	0.22	0.07		0.16		0.11	0.50
		N	115	122	121	118	116		118		120	120
		95% CI	0.13	0.02	0.01	0.04	0.01		0.03		0.02	0.09
		Max	3.78	0.60	0.41	1.33	0.39		0.78		0.62	3.69
		Min	0.00	0.00	0.00	0.01	0.00		0.00		0.00	0.00
		N< MDL	76	88	92	63	85		86		91	47
		N = 0	46	39	38	0	19		39		14	14
Toluene	Year 1	Avg	1.55	2.68	1.84	2.89	1.73	2.87	1.60	1.97	1.53	1.98
MDL = 0.1		SD	1.17	1.62	0.98	2.59	1.03	1.81	1.13	1.32	0.91	1.72
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.21	0.29	0.18	0.47	0.19	0.36	0.20	0.24	0.17	0.31
		Max	5.67	8.94	6.11	13.19	5.55	8.68	5.45	7.01	4.06	8.44
		Min	0.26	0.83	0.60	0.47	0.14	0.97	0.33	0.53	0.21	0.10
		N< MDL	0	0	0	0	0	0	0	0	0	0
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	1.45	2.49	1.80	2.72	1.69		1.40		1.49	1.56
		SD	1.32	1.68	1.06	2.41	0.91		1.10		0.95	1.29
		N	115	122	121	118	116		118		120	120
		95% CI	0.24	0.30	0.19	0.44	0.17		0.20		0.17	0.23
		Max	8.42	7.08	5.50	12.65	4.48		5.58		5.50	6.69
		Min	0.33	0.17	0.35	0.52	0.09		0.28		0.11	0.28
		N< MDL	0	0	0	0	1		0		0	0
		N = 0	0	0	0	0	0		0		0	0

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Trichloroethylene	Year 1	Avg	0.01	0.03	0.03	0.01	0.01	0.02	0.01	0.02	0.00	0.02
MDL = 0.1		SD	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.01	0.03
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Max	0.09	0.15	0.13	0.11	0.08	0.12	0.09	0.12	0.04	0.13
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	113	112	116	115	97	119	116	114	111
		N = 0	77	47	27	67	58	51	70	53	92	46
	Year 2	Avg	0.01	0.02	0.02	0.01	0.01		0.01		0.00	0.01
		SD	0.02	0.03	0.04	0.02	0.02		0.01		0.01	0.04
		N	115	122	121	118	116		118		120	120
		95% CI	0.00	0.01	0.01	0.00	0.00		0.00		0.00	0.01
		Max	0.18	0.13	0.33	0.08	0.07		0.05		0.03	0.36
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	113	116	117	118	116		118		120	119
		N = 0	89	60	50	78	59		81		107	77
(m+p)-Xylenes	Year 1	Avg	0.78	1.36	0.97	1.57	0.79	1.44	0.85	0.97	0.68	0.93
MDL = 0.2		SD	0.60	0.87	0.54	1.47	0.47	0.96	0.62	0.63	0.44	0.81
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.11	0.16	0.10	0.26	0.09	0.19	0.11	0.11	0.08	0.15
		Max	2.90	4.91	3.04	7.85	2.40	4.58	3.03	3.78	2.14	4.53
		Min	0.15	0.38	0.30	0.26	0.06	0.47	0.16	0.29	0.11	0.02
		N< MDL	0	0	0	0	5	0	0	0	0	1
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.67	1.25	0.91	1.43	0.71		0.68		0.62	0.72
		SD	0.64	0.89	0.55	1.27	0.40		0.57		0.44	0.62
		N	115	122	121	118	116		118		120	120
		95% CI	0.12	0.16	0.10	0.23	0.07		0.10		0.08	0.11
		Max	4.03	3.75	2.48	6.25	2.00		2.92		2.50	3.23
		Min	0.13	0.22	0.20	0.32	0.04		0.13		0.04	0.15
		N< MDL	0	0	0	0	1		0		1	0
		N = 0	0	0	0	0	0		0		0	0

Table VI-2 Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
o-Xylene	Year 1	Avg	0.18	0.32	0.22	0.40	0.18	0.35	0.19	0.22	0.16	0.22
MDL = 0.2		SD	0.16	0.24	0.15	0.42	0.12	0.27	0.17	0.16	0.11	0.21
		N	118	118	117	118	115	98	119	121	114	114
		95% CI	0.03	0.04	0.03	0.08	0.02	0.05	0.03	0.03	0.02	0.04
		Max	0.75	1.28	0.94	2.26	0.63	1.32	0.83	0.97	0.57	1.21
		Min	0.03	0.08	0.05	0.05	0.01	0.10	0.02	0.06	0.02	0.03
		N< MDL	47	6	17	21	29	0	41	25	38	40
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.19	0.31	0.22	0.38	0.17		0.17		0.15	0.19
		SD	0.26	0.34	0.20	0.43	0.15		0.20		0.17	0.24
		N	115	122	121	118	116		118		120	120
		95% CI	0.05	0.06	0.04	0.08	0.03		0.04		0.03	0.04
		Max	1.69	1.45	0.85	2.20	0.82		0.83		1.10	1.28
		Min	0.00	0.02	0.02	0.03	0.00		0.01		0.01	0.01
		N< MDL	62	39	50	37	37		62		65	63
		N = 0	1	0	0	0	1		0		0	0
Vinyl Chloride	Year 1	Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MDL = 0.2		SD	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
		N	118	118	117	118	115	98	119	121	114	114
		95% CI				0.00			0.00			0.00
		Max	0.00	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00	0.02
		Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N< MDL	118	118	117	118	115	98	119	121	114	114
		N = 0	118	118	117	116	115	98	118	121	114	113
	Year 2	Avg	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		SD	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N	115	122	121	118	116		118		120	119
		95% CI		0.00	0.00	0.00	0.00					0.00
		Max	0.00	0.02	0.01	0.02	0.02		0.00		0.00	0.03
		Min	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
		N< MDL	115	122	121	118	116		118		120	119
		N = 0	115	121	120	117	115		118		120	114

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Aluminum	Year 1	Avg	2404	2475	2653	2825	4820	3023	2341	3234	5147	3276
MDL = 150		SD	1648	1166	1194	1499	2888	1762	1268	1812	2683	2158
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	296	218	215	274	530	321	229	327	497	398
		Max	9978	6808	6364	7732	13002	13733	6295	14917	12591	12824
		Min	213	213	213	213	255	213	213	375	458	213
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	3758	4221	4322	4244	6749		4028		8948	4943
		SD	2219	1953	1787	2043	3646		1895		3631	2877
		N	113	108	111	113	110		112		111	114
		95% CI	409	368	332	377	681		351		675	528
		Max	11773	13124	8206	10658	17207		11609		17356	14555
		Min	213	1086	661	213	213		914		1193	213
		N< MDL	0	0	0	0	0		0		0	0
Antimony	Year 1	Avg	2.5	3.7	2.9	2.4	2.0	2.3	2.1	2.8	2.1	1.9
MDL= 2		SD	5.2	4.1	3.1	3.7	4.9	2.2	2.4	2.4	4.4	1.4
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0.9	0.8	0.6	0.7	0.9	0.4	0.4	0.4	0.8	0.3
		Max	53.7	20.4	17.7	31.9	53.0	15.2	15.2	11.5	45.7	10.8
		Min	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
		N< MDL	102	68	87	97	107	94	105	79	102	97
	year 2	Avg	2.6	4.0	3.5	2.2	1.7		2.4		1.9	1.9
		SD	3.2	4.0	3.3	2.1	1.1		2.6		1.3	1.9
		N	113	108	111	113	110		112		111	114
		95% CI	0.6	0.8	0.6	0.4	0.2		0.5		0.2	0.3
		Max	19.0	17.8	14.8	12.7	10.0		16.8		9.2	17.2
		Min	1.4	1.4	1.4	1.4	1.4		1.4		1.4	1.4
		N< MDL	93	62	67	94	96		89		95	101

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Arsenic	Year 1	Avg	0.6	0.7	0.8	0.8	0.9	1.0	0.6	0.9	0.8	1.1
MDL = 1		SD	0.5	0.6	0.8	0.7	0.9	1.2	0.6	1.0	0.8	4.8
		N	119.0	110.0	118.0	115.0	114.0	116.0	118.0	118.0	112.0	113.0
		95% CI	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.9
		Max	2.3	3.4	5.0	2.7	7.2	6.5	2.7	5.0	5.4	51.7
		Min	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		N< MDL	94	77	76	79	78	71	93	78	78	83
	Year 2	Avg	0.5	0.7	0.6	0.6	0.8		0.7		0.8	0.7
		SD	0.4	0.6	0.7	0.8	0.6		0.7		0.7	0.7
		N	113	108	111	113	110		112		111	114
		95% CI	0.1	0.1	0.1	0.1	0.1		0.1		0.1	0.1
		Max	2.3	2.7	4.2	5.8	3.1		4.2		4.2	5.0
		Min	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		N< MDL	102	73	87	89	74		84		76	81
Barium	Year 1	Avg	53.8	75.7	85.3	65.4	81.8	81.4	55.1	73.7	76.9	58.6
MDL = 17		SD	51.6	47.6	53.8	46.5	169.3	49.5	36.1	42.2	117.6	41.6
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	9.3	8.9	9.7	8.5	31.1	9.0	6.5	7.6	21.8	7.7
		Max	457.5	366.5	353.3	245.9	1830.5	300.0	213.7	210.1	1253.9	201.1
		Min	10.0	11.8	10.1	10.0	10.0	10.0	10.0	15.5	10.0	10.0
		N< MDL	13	3	2	4	7	1	7	1	8	9
	Year 2	Avg	55.3	78.1	92.6	60.3	66.6		55.9		76.4	54.1
		SD	45.4	44.4	51.9	44.0	36.8		35.9		37.5	44.1
		N	113	108	111	113	110		112		111	114
		95% CI	8.4	8.4	9.7	8.1	6.9		6.7		7.0	8.1
		Max	227.1	235.7	247.9	267.6	204.1		196.8		183.8	218.0
		Min	10.0	11.5	10.0	10.0	10.0		12.1		11.5	10.0
		N< MDL	11	4	4	6	5	2	6	2	3	17

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Cadmium	Year 1	Avg	1.5	2.1	1.5	1.6	1.5	1.6	1.5	1.6	1.5	1.6
MDL = 2		SD	0.9	3.6	0.9	0.8	0.8	0.9	0.8	0.9	0.8	1.0
		N	119.0	110.0	118.0	115.0	114.0	116.0	118.0	118.0	112.0	113.0
		95% CI	0.2	0.7	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2
		Max	6.6	28.1	5.3	4.6	4.4	5.7	4.3	6.5	5.0	6.9
		Min	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		N< MDL	98	92	97	87	89	86	103	95	94	85
	Year 2	Avg	1.6	1.5	1.5	1.4	1.7		1.6		1.6	1.5
		SD	0.9	0.8	0.7	0.7	1.8		0.9		0.9	0.8
		N	113	108	111	113	110		112		111	114
		95% CI	0.2	0.1	0.1	0.1	0.3		0.2		0.2	0.1
		Max	4.6	4.6	4.1	3.8	17.5		5.4		4.6	4.6
		Min	1.0	1.0	1.0	1.0	1.0		1.0		1.0	1.0
		N< MDL	89	87	91	96	83		87		87	91
Calcium	Year 1	Avg	1220	1266	1411	1298	2738	1687	1149	1436	5060	1839
MDL = 5		SD	870	624	687	666	1772	1156	617	711	3929	1190
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	156	117	124	122	325	210	111	128	728	219
		Max	5752	3517	3259	3253	9075	10324	3308	3656	20614	7020
		Min	69	197	101	83	233	85	86	185	368	14
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	1180	1457	1520	1265	2676		1189		5372	1751
		SD	856	848	724	697	1609		700		3508	1067
		N	113	108	111	113	110		112		111	114
		95% CI	158	160	135	129	301		130		653	196
		Max	5318	5915	3329	3721	6923		4631		16142	5590
		Min	137	157	174	38	1		170		354	135
		N< MDL	0	0	0	0	1		0		0	0

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Chromium	Year 1	Avg	2	4	4	4	7	9	4	4	4	5
MDL = 2		SD	2	2	3	4	5	15	5	3	3	8
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0.4	0.5	0.5	0.7	1.0	2.7	0.8	0.6	0.5	1.5
		Max	15	11	14	20	22	83	34	20	15	78
		Min	1	1	1	1	1	1	1	1	1	1
		N< MDL	81	41	26	41	26	22	68	32	34	50
	Year 2	Avg	2	4	4	4	7		4		5	4
		SD	2	3	3	4	5		4		3	5
		N	113	108	111	113	110		112		111	114
		95% CI	0.4	0.6	0.5	0.7	0.9		0.7		0.5	0.9
		Max	12	20	18	23	21		17		12	25
		Min	1	1	1	1	1		1		1	1
		N< MDL	77	39	28	43	21		50		23	59
Hexavalent	Year 1	Avg	0.14	0.15	0.18	0.25	0.19	0.18	0.16	0.16	0.42	0.19
Chromium		SD	0.11	0.10	0.11	0.29	0.10	0.16	0.14	0.11	0.55	0.16
MDL = 0.06		N	121	119	118	116	117	118	120	121	110	112
		95% CI	0.02	0.02	0.02	0.05	0.02	0.03	0.02	0.02	0.10	0.03
		Max	0.67	0.5	0.52	1.77	0.52	0.91	1.07	0.69	3.54	1
		Min	0.01	0.03	0.02	0.03	0.02	0.03	0.03	0.03	0.01	0.03
		N< MDL	33	22	13	16	6	17	19	15	22	23
		N = 0	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	0.14	0.15	0.15	0.25	0.18		0.14		0.38	0.22
		SD	0.11	0.12	0.11	0.24	0.13		0.10		0.45	0.21
		N	116	117	121	114	112		116		115	119
		95% CI	0.02	0.02	0.02	0.04	0.02		0.02		0.08	0.04
		Max	0.68	0.75	0.79	1.67	0.69		0.62		2.19	1.16
		Min	0.02	0.01	0.02	0.03	0		0.01		0.02	0
		N< MDL	31	23	21	15	18		25		13	24
		N = 0	0	0	0	0	1		0		0	2

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Cobalt	Year 1	Avg	3	4	4	4	7	5	3	4	5	4
MDL = 1		SD	2	2	2	2	4	3	2	3	3	3
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0.4	0.4	0.4	0.4	0.8	0.5	0.4	0.5	0.6	0.6
		Max	11	10	11	11	18	14	10	17	15	17
		Min	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
		N< MDL	32	7	9	16	13	5	22	7	12	14
	Year 2	Avg	2	4	4	3	5		3		6	3
		SD	2	2	2	2	4		2		3	3
		N	113	108	111	113	110		112		111	114
		95% CI	0.4	0.4	0.4	0.4	0.7		0.4		0.6	0.5
		Max	10	11	9	13	19		9		13	13
		Min	0.4	0.4	0.4	0.4	0.4		0.4		0.4	0.4
		N< MDL	30	12	10	18	6		27		5	20
Copper	Year 1	Avg	32	46	56	38	60	167	23	35	35	38
MDL = 1		SD	27	26	33	23	88	95	16	19	63	20
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	4.9	4.9	6.0	4.2	16.2	17.2	2.9	3.4	11.7	3.7
		Max	265	199	198	142	959	496	80	101	685	105
		Min	3.5	13.3	10.3	9.9	1.5	26.2	3.5	8.5	3.5	3.8
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	32	46	56	38	60		23		35	38
		SD	27	26	33	23	88		16		63	20
		N	119	110	118	115	114		118		112	113
		95% CI	4.9	4.9	6.0	4.2	16.2		2.9		11.7	3.7
		Max	265	199	198	142	959		80		685	105
		Min	3.5	13.3	10.3	9.9	1.5		3.5		3.5	3.8
		N< MDL	0	0	0	0	0		0		0	0

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Indium	Year 1	Avg	2	2	2	2	2	2	2	2	2	2
MDL = 2		SD	1	1	1	1	1	1	1	1	1	1
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		Max	5	6	5	7	7	6	5	6	6	7
		Min	1	1	1	1	1	1	1	1	1	1
		N< MDL	78	74	79	74	76	86	82	75	81	73
	Year 2	Avg	2	2	2	2	2		2		2	2
		SD	1	1	1	1	1		1		1	1
		N	113	108	111	113	110		112		111	114
		95% CI	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		Max	7	6	4	7	6		7		6	10
		Min	1	1	1	1	1		1		1	1
		N< MDL	71	79	78	82	69		76		85	78
Iron	Year 1	Avg	1567	1797	2077	1774	3277	2224	1570	2143	2877	2114
MDL = 1		SD	1026	780	951	958	1963	1117	881	1078	1522	1448
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	184.3	145.8	171.7	175.1	360.3	203.2	158.9	194.6	282.0	267.0
		Max	5796	4228	4881	4910	8468	5704	4724	6244	6282	9825
		Min	203	179	167	113	277	143	189	365	306	123
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	1501	2020	2134	1731	3065		1588		3287	2017
		SD	988	1121	946	1006	1636		861		1428	1272
		N	113	108	111	113	110		112		111	114
		95% CI	182.2	211.4	176.1	185.5	305.7		159.4		265.7	233.4
		Max	4888	7567	5326	5256	7831		4946		7533	6761
		Min	206	371	283	60	0		319		307	220
		N< MDL	0	0	0	0	1		0		0	0

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Lead	Year 1	Avg	6.9	10.7	15.7	13.0	17.3	22.7	10.0	14.7	12.5	12.0
MDL = 5		SD	5.5	6.3	8.5	12.1	16.8	23.8	7.3	9.2	11.7	9.3
		N	119	110	118	115	114	116	118	118	112	112
		95% CI	1.0	1.2	1.5	2.2	3.1	4.3	1.3	1.7	2.2	1.7
		Max	38.9	37.8	46.5	75.9	146.2	156.0	37.6	48.4	89.8	45.5
		Min	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
		N< MDL	58	16	11	28	19	6	29	7	21	22
	Year 2	Avg	6.2	9.8	14.6	10.3	13.9		8.4		11.4	9.4
		SD	5.8	5.1	8.8	7.8	8.9		5.9		7.5	7.1
		N	113	108	111	113	110		112		111	114
		95% CI	1.1	1.0	1.6	1.4	1.7		1.1		1.4	1.3
		Max	51.4	24.4	54.9	45.0	60.6		31.8		41.5	39.1
		Min	3.0	3.0	3.0	3.0	3.0		3.0		3.0	3.0
		N< MDL	62	22	15	34	15		40		23	37
Manganese	Year 1	Avg	19.0	20.5	25.2	25.2	61.8	32.0	19.4	27.3	47.7	28.8
MDL = 1		SD	14.9	9.5	12.2	14.5	41.1	20.9	12.0	14.9	27.3	20.6
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	2.7	1.8	2.2	2.7	7.5	3.8	2.2	2.7	5.1	3.8
		Max	110.5	54.5	56.5	69.7	191.5	99.6	52.6	86.7	157.6	140.5
		Min	0.8	0.5	4.3	1.9	3.5	3.0	0.8	3.9	2.3	4.6
		N< MDL	1	1	0	0	0	0	1	0	0	0
	Year 2	Avg	18.1	22.7	26.1	25.0	58.6		19.9		52.4	29.9
		SD	13.9	14.5	12.2	16.0	36.1		12.9		24.3	38.3
		N	113	108	111	113	110		112		111	114
		95% CI	2.6	2.7	2.3	2.9	6.7		2.4		4.5	7.0
		Max	78.3	128.4	54.5	101.9	157.3		72.5		115.1	357.2
		Min	2.7	1.2	1.4	1.1	0.5		1.5		5.0	0.8
		N< MDL	0	0	0	0	1		0		0	1

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Molybdenum	Year 1	Avg	4.6	4.1	4.5	3.8	3.8	4.0	4.0	4.5	3.9	4.9
MDL = 2		SD	5.4	4.6	5.1	4.0	3.4	4.8	4.2	4.1	4.3	5.9
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	1.0	0.9	0.9	0.7	0.6	0.9	0.8	0.7	0.8	1.1
		Max	26.3	24.7	25.3	29.6	23.6	28.1	23.4	22.3	22.2	28.2
		Min	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		N< MDL	41	35	34	40	25	39	34	24	37	37
	Year 2	Avg	2.9	3.9	4.7	3.9	3.3		3.6		3.5	3.4
		SD	1.5	2.7	3.2	3.1	3.6		2.1		3.9	2.4
		N	113	108	111	113	110		112		111	114
		95% CI	0.3	0.5	0.6	0.6	0.7		0.4		0.7	0.4
		Max	9.7	23.7	21.9	22.3	23.5		11.9		24.5	19.8
		Min	1.0	1.0	1.0	1.0	1.0		1.0		1.0	1.0
		N< MDL	38	22	14	32	41		28		41	35
Nickel	Year 1	Avg	4.5	4.4	5.5	6.4	4.2	7.8	7.3	5.2	3.6	12.1
MDL = 1		SD	3.1	2.4	6.7	3.4	2.9	5.7	4.1	2.7	2.4	6.8
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0.6	0.4	1.2	0.6	0.5	1.0	0.7	0.5	0.5	1.2
		Max	15.0	17.1	69.8	21.1	13.2	29.7	19.2	17.4	11.2	34.5
		Min	0.2	0.4	0.8	0.4	0.2	0.4	0.4	0.8	0.2	0.2
		N< MDL	7	3	4	2	16	2	2	1	15	2
	Year 2	Avg	4.0	3.5	5.4	6.1	3.7		6.9		3.9	10.5
		SD	2.0	1.9	3.5	3.7	2.3		3.5		2.9	6.0
		N	113	108	111	113	110		112		111	114
		95% CI	0.4	0.4	0.7	0.7	0.4		0.6		0.5	1.1
		Max	11.2	10.3	17.5	21.4	9.7		16.8		27.6	26.4
		Min	0.8	0.4	0.2	0.2	0.2		0.2		0.2	0.8
		N< MDL	3	8	4	5	9		4		8	2

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Palladium	Year 1	Avg	1.65	1.62	1.65	1.59	1.63	1.62	1.63	1.72	1.69	1.69
MDL = 3		SD	0.45	0.33	0.45	0.27	0.37	0.36	0.38	0.63	0.49	0.50
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0	0	0	0	0	0	0	0	0	0
		Max	4.64	3.44	3.80	3.04	3.21	3.80	4.28	5.63	4.64	5.40
		Min	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
		N< MDL	119	110	118	115	114	116	118	117	112	112
	Year 2	Avg	1.71	1.71	1.61	1.62	1.68		1.61		1.67	1.60
		SD	0.54	0.57	0.29	0.41	0.43		0.35		0.51	0.34
		N	113	108	111	113	110		112		111	114
		95% CI	0	0	0	0	0		0		0	0
		Max	4.64	4.55	3.44	4.61	3.52		3.48		3.84	3.44
		Min	1.50	1.50	1.50	1.50	1.50		1.50		1.50	1.50
		N< MDL	113	108	111	113	110	16	112		111	114
Phosphorous	Year 1	Avg	46.0	46.1	46.4	55.6	44.8	63.3	50.4	43.7	90.0	50.8
MDL = 21		SD	30.3	26.8	30.9	33.5	31.0	33.8	33.9	27.1	74.2	34.4
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	5	5	6	6	6	6	6	5	14	6
		Max	151.4	126.1	156.9	160.4	138.0	159.3	164.1	143.1	264.2	197.0
		Min	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
		N< MDL	29	23	30	13	40	7	20	28	35	22
	Year 2	Avg	47.7	42.3	45.4	58.8	36.6		57.6		84.6	58.2
		SD	30.8	27.9	35.9	34.3	26.5		39.4		69.9	39.0
		N	113	108	111	113	110		112		111	114
		95% CI	6	5	7	6	5		7		13	7
		Max	152.2	124.0	181.8	151.4	146.6		200.1		242.2	191.5
		Min	15.0	15.0	15.0	15.0	15.0		15.0		15.0	15.0
		N< MDL	29	29	41	10	45		23		23	19

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Potassium	Year 1	Avg	476	472	478	517	865	582	446	531	1111	622
MDL = 2		SD	528	428	396	354	1631	386	257	249	1365	673
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	95	80	72	65	299	70	46	45	253	124
		Max	5646	4538	4191	3040	17496	3719	1742	1912	14056	6618
		Min	31	44	24	22	47	33	26	66	74	49
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	416	448	435	448	655		410		1104	482
		SD	219	192	186	195	359		181		534	263
		N	113	108	111	113	110		112		111	114
		95% CI	40	36	35	36	67		34		99	48
		Max	1272	1251	1228	1011	1844		1180		2440	1387
		Min	88	87	69	2	1		94		143	85
		N< MDL	0	0	0	0	1		0		0	0
Rubidium	Year 1	Avg	1.2	0.9	1.1	1.0	2.7	1.3	1.0	1.4	3.8	1.6
MDL = 1		SD	1.2	0.7	0.7	0.8	2.2	1.2	0.8	1.2	2.6	1.8
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0	0	0	0	0	0	0	0	0	0
		Max	6.9	3.6	3.5	5.4	12.0	9.1	4.2	8.1	11.6	13.6
		Min	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
		N< MDL	102	102	106	104	52	98	106	89	35	87
	Year 2	Avg	1.0	0.9	0.9	1.0	2.3		0.9		4.2	1.2
		SD	0.9	0.8	0.6	0.7	1.8		0.8		2.2	1.1
		N	113	108	111	113	110		112		111	114
		95% CI	0	0	0	0	0		0		0	0
		Max	5.0	4.6	2.7	3.8	8.1		5.3		8.4	4.6
		Min	0.4	0.4	0.4	0.4	0.4		0.4		0.4	0.4
		N< MDL	99	100	103	104	61		102		22	92

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Selenium	Year 1	Avg	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MDL = 2		SD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		N	119	110	118	115	114	116	118	118	112	113
		95% CI										
		Max	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		Min	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		N< MDL	119	110	118	115	114	116	118	118	112	113
	Year 2	Avg	1.0	1.0	1.0	1.0	1.0		1.0		1.0	1.0
		SD	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0
		N	113	108	111	113	110		112		111	114
		95% CI										
		Max	1.0	1.0	1.0	1.0	1.0		1.0		1.0	1.0
		Min	1.0	1.0	1.0	1.0	1.0		1.0		1.0	1.0
		N< MDL	113	108	111	113	110		112		111	114
Silicon	Year 1	Avg	5398	5219	6044	6132	8768	6764	5294	7042	9593	7341
MDL = 275		SD	3217	2225	2775	3047	5205	3230	2864	3662	5136	5083
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	578	416	501	557	955	588	517	661	951	937
		Max	18978	11303	12092	17088	24254	17160	13400	28000	25918	31948
		Min	267	267	363	267	267	267	267	747	713	267
		N< MDL	2	1	0	1	1	1	3	0	0	1
	Year 2	Avg	4848	5445	5676	5447	7820		5029		10000	6264
		SD	2953	2460	2382	2730	4070		2689		4096	3879
		N	113	108	111	113	110		112		111	114
		95% CI	544	464	443	503	761		498		762	712
		Max	15579	13873	10932	12769	20002		13292		20963	17742
		Min	267	267	267	267	267		267		1394	267
		N< MDL	5	2	2	2	3		4		0	1

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Silver	Year 1	Avg	2.3	2.1	2.3	1.5	1.8	2.0	1.9	1.9	2.1	2.5
MDL = 2		SD	3.8	3.4	3.8	2.1	3.0	3.0	2.9	3.0	3.6	4.2
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	1	1	1	0	1	1	1	1	1	1
		Max	18.4	17.6	17.9	18.4	25.3	18.3	17.6	18.1	18.8	18.5
		Min	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
		N< MDL	110	98	106	112	103	104	108	108	102	102
	Year 2	Avg	1.2	1.5	1.7	1.5	1.6		1.2		1.9	1.4
		SD	0.2	1.6	2.7	1.7	2.4		0.1		3.5	1.3
		N	113	108	111	113	110		112		111	114
		95% CI	0	0	1	0	0		0		1	0
		Max	2.7	17.2	22.0	15.0	17.0		2.3		25.3	14.5
		Min	1.2	1.2	1.2	1.2	1.2		1.2		1.2	1.2
		N< MDL	112	101	107	106	107		111		106	109
Strontium	Year 1	Avg	12.0	13.2	16.8	13.8	20.6	18.4	11.5	14.0	25.6	16.5
MDL = 2		SD	12.7	9.7	10.7	8.6	44.5	10.6	6.7	7.4	32.8	10.7
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	2	2	2	2	8	2	1	1	6	2
		Max	126.3	95.5	91.2	63.6	478.4	82.5	35.2	43.8	339.9	64.4
		Min	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		Capture	98.3%	90.9%	97.5%	95.0%	94.2%	95.9%	97.5%	97.5%	92.6%	93.4%
		N< MDL	9	4	3	5	9	2	7	7	7	3
	Year 2	Avg	11.6	13.0	16.6	12.3	15.7		11.3		24.6	14.9
		SD	12.7	6.9	8.1	6.3	9.2		6.4		11.3	9.1
		N	113	108	111	113	110		112		111	114
		95% CI	2	1	2	1	2		1		2	2
		Max	118.9	34.3	38.7	37.3	39.0		39.7		45.7	49.6
		Min	1.5	1.1	2.3	1.0	1.0		1.5		2.7	1.0
		N< MDL	1	5	0	3	4		2		0	1

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Sulfur	Year 1	Avg	1623	1605	1619	1775	1110	1896	1842	1527	1271	2029
MDL = 21		SD	1087	1015	1191	1201	1035	1242	1216	997	975	1259
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	195	190	215	220	190	226	219	180	181	232
		Max	5229	4269	4730	5802	9039	5508	6416	4644	7694	6738
		Min	139	124	140	252	70	219	252	179	92	12
		N< MDL	0	0	0	0	0	0	0	0	0	1
	Year 2	Avg	1509	1383	1508	1659	925		1809		1237	1967
		SD	898	933	1075	1086	617		1165		661	1192
		N	113	108	111	113	110		112		111	114
		95% CI	166	176	200	200	115		216		123	219
		Max	3823	3827	4528	4777	2877		6111		2806	6090
		Min	184	202	254	12	12		291		141	311
		N< MDL	0	0	0	1	1	0	0	0	0	0
Tin	Year 1	Avg	2.5	4.4	4.5	3.2	2.8	4.9	3.2	15.5	2.2	3.1
MDL = 3		SD	1.7	3.4	3.0	3.0	1.8	4.5	3.0	32.9	1.2	3.0
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0	1	1	1	0	1	1	6	0	1
		Max	10.8	26.7	15.4	17.5	10.8	21.7	19.4	244.6	6.9	17.4
		Min	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
		N< MDL	89	41	45	79	77	53	84	30	90	77
	Year 2	Avg	2.5	4.2	4.4	3.3	2.6		3.7		2.6	3.3
		SD	1.7	2.5	2.9	2.9	1.7		3.6		1.6	3.4
		N	113	108	111	113	110		112		111	114
		95% CI	0	0	1	1	0		1		0	1
		Max	10.1	13.1	12.8	11.9	10.0		18.3		8.8	19.1
		Min	1.5	1.5	1.5	1.5	1.5		1.5		1.5	1.5
		N< MDL	84	36	48	74	78		68		76	79

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Titanium	Year 1	Avg	148	162	180	182	262	213	149	191	275	257
MDL = 5		SD	98	74	81	96	160	98	98	104	150	654
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	18	14	15	18	29	18	18	19	28	121
		Max	620	426	378	471	786	511	459	788	693	6967
		Min	4	18	17	18	17	27	9	19	26	18
		N< MDL	1	0	0	0	0	0	0	0	0	0
	Year 2	Avg	151	170	181	173	243		150		308	181
		SD	107	82	80	96	139		95		135	195
		N	113	108	111	113	110		112		111	114
		95% CI	20	15	15	18	26		18		25	36
		Max	560	476	354	504	633		500		653	1867
		Min	23	13	13	6	3		19		43	11
		N< MDL	0	0	0	0	1		0		0	0
Vanadium	Year 1	Avg	9.5	6.2	7.0	10.6	6.6	9.0	16.1	7.6	7.5	27.6
MDL = 2		SD	7.9	4.4	5.4	7.0	5.1	6.5	10.4	5.6	6.0	18.3
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	1.4	0.8	1.0	1.3	0.9	1.2	1.9	1.0	1.1	3.4
		Max	34.9	18.1	25.3	40.8	22.8	36.5	59.5	30.4	27.1	86.0
		Min	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
		N< MDL	22	28	31	6	31	20	6	17	25	4
	Year 2	Avg	8.5	5.5	6.4	10.7	5.9		15.4		7.5	25.5
		SD	5.2	4.2	5.2	7.2	4.0		9.5		4.5	18.1
		N	113	108	111	113	110		112		111	114
		95% CI	1.0	0.8	1.0	1.3	0.7		1.8		0.8	3.3
		Max	22.1	24.5	26.4	35.0	17.1		42.6		19.6	99.6
		Min	1.2	1.2	1.2	1.2	1.2		1.2		1.2	1.2
		N< MDL	8	30	34	14	26	2	6		15	4

Table VI-3 Ambient Concentrations (ng/m^3) of TSP Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Yttrium	Year 1	Avg	0.55	0.52	0.49	0.51	0.77	0.52	0.51	0.51	0.76	0.59
MDL = 1		SD	0.44	0.42	0.41	0.40	0.60	0.40	0.41	0.43	0.61	0.57
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	0	0	0	0	0	0	0	0	0	0
		Max	2.32	1.78	1.94	1.92	2.81	1.90	1.96	1.93	3.10	3.88
		Min	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		N< MDL	101	92	104	100	80	98	101	102	73	99
	Year 2	Avg	0.58	0.55	0.47	0.50	0.60		0.51		0.77	0.57
		SD	0.49	0.87	0.37	0.37	0.53		0.33		0.56	0.42
		N	113	108	111	113	110		112		111	114
		95% CI	0	0	0	0	0		0		0	0
		Max	2.69	8.83	1.82	1.92	2.71		1.56		2.69	2.29
		Min	0.20	0.20	0.20	0.20	0.20		0.20		0.20	0.20
		N< MDL	94	96	97	101	86		100		78	94
Zinc	Year 1	Avg	62.0	65.3	75.7	69.1	104.1	104.3	69.6	86.1	77.2	93.5
MDL = 1		SD	43.2	31.1	32.3	45.4	65.5	68.0	41.4	62.3	53.0	149.0
		N	119	110	118	115	114	116	118	118	112	113
		95% CI	7.8	5.8	5.8	8.3	12.0	12.4	7.5	11.2	9.8	27.5
		Max	198.7	155.5	166.8	251.8	312.0	364.3	206.7	362.3	338.4	1553.5
		Min	4.2	13.0	14.7	9.9	6.9	20.2	5.9	18.2	15.0	12.0
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	55.1	66.9	81.5	64.2	100.7		71.8		84.9	80.3
		SD	41.7	33.0	49.6	42.1	58.0		42.2		52.0	62.8
		N	113	108	111	113	110		112		111	114
		95% CI	7.7	6.2	9.2	7.8	10.8		7.8		9.7	11.5
		Max	246.0	180.6	433.2	248.7	284.5		205.1		281.7	312.8
		Min	11.2	6.5	9.1	1.9	0.8		10.1		12.3	8.8
		N< MDL	0	0	0	0	1		0		0	0

Table VI-4 Ambient Concentrations (ng/m^3) of PM2.5 Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Aluminum	Year 1	Avg	52.0	60.2	77.3	61.5	78.3	55.8	64.1	61.2	65.5	78.0
MDL = 1.2		SD	99.9	131.0	178.0	118.2	162.5	108.4	141.9	120.3	159.4	168.0
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	18	23	33	21	29	20	25	22	29	31
		Max	526.2	710.8	1125.8	699.1	876.1	673.2	897.6	785.7	1300.8	951.4
		Min	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	70.4	140.4	76.0	89.4	163.1		123.3		96.5	136.0
		SD	126.8	419.1	132.2	158.4	205.3		161.8		147.9	179.5
		N	119	119	119	116	121		108		120	115
		95% CI	23	75	24	29	37		31		26	33
		Max	773.0	4363.5	797.9	1097.4	925.6		817.4		675.1	767.5
		Min	17.5	17.5	17.5	17.5	17.5		17.5		17.5	17.5
		N< MDL	0	0	0	0	0		0		0	0
Antimony	Year 1	Avg	0.7	0.7	0.7	0.7	0.9	0.7	0.7	0.7	0.9	0.7
MDL = 1.4		SD	0.5	0.5	0.5	0.5	2.3	0.5	0.5	0.5	2.1	0.5
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0	0	0	0	0	0	0	0	0	0
		Max	1.2	1.2	1.2	1.2	24.7	1.2	1.2	1.3	22.4	1.3
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		N< MDL	121	120	112	118	116	117	120	116	115	113
	Year 2	Avg	16.7	15.9	14.2	12.8	16.8		9.1		13.0	12.0
		SD	37.4	36.8	35.4	33.1	37.2		27.8		33.3	32.7
		N	119	119	119	116	121		108		120	115
		95% CI	7	7	6	6	7		5		6	6
		Max	132.0	132.1	128.1	126.8	133.4		139.1		122.2	137.5
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		N< MDL	86	85	91	85	82		83		96	89

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Arsenic	Year 1	Avg	0.74	0.65	0.66	0.68	0.73	0.75	0.59	0.77	0.78	0.83
MDL = 0.2		SD	0.73	0.70	0.69	0.66	0.91	0.71	0.68	0.92	0.83	0.75
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0	0	0	0	0	0	0	0	0	0
		Max	3.71	2.48	2.48	2.48	7.42	2.48	3.71	4.96	4.97	3.72
		Min	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
		N< MDL	57	64	58	58	58	54	68	58	54	46
	Year 2	Avg	0.74	0.65	0.66	0.68	0.73		0.59		0.78	0.83
		SD	0.73	0.70	0.69	0.66	0.91		0.68		0.83	0.75
		N	121	120	112	118	117		120		116	113
		95% CI	0	0	0	0	0		0		0	0
		Max	3.71	2.48	2.48	2.48	7.42		3.71		4.97	3.72
		Min	0.04	0.04	0.04	0.04	0.04		0.04		0.04	0.04
		N< MDL	57	64	58	58	58		68		54	46
Barium	Year 1	Avg	24.6	28.0	28.1	23.0	36.0	25.0	24.9	28.4	26.5	22.2
MDL = 10		SD	34.7	32.2	28.7	25.9	132.9	20.7	17.4	46.0	92.1	16.9
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	6	6	5	5	24	4	3	8	17	3
		Max	354.5	315.7	243.6	210.6	1450.0	143.7	87.9	486.2	998.9	88.0
		Min	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
		N< MDL	31	29	26	36	32	28	22	23	42	38
	Year 2	Avg	33.3	37.0	32.0	31.5	33.7		26.1		27.2	23.4
		SD	28.8	29.9	25.0	26.6	28.5		24.0		25.6	24.9
		N	119	119	119	116	121		108		120	115
		95% CI	5	5	4	5	5		5		5	5
		Max	143.1	130.7	121.9	117.0	147.3		120.6		131.8	129.4
		Min	2.1	2.1	2.1	2.1	2.1		2.1		2.1	2.1
		N< MDL	22	19	24	28	25		32		32	41

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Cadmium	Year 1	Avg	2.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.7	1.8
MDL = 1		SD	6.1	2.2	1.5	1.8	1.3	2.0	1.6	4.3	1.9	2.0
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	1	0	0	0	0	0	0	1	0	0
		Max	65.6	16.1	7.4	11.1	6.2	12.4	8.7	44.6	11.2	9.9
		Min	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		N< MDL	50	52	46	44	45	46	46	48	41	43
	Year 2	Avg	1.5	1.4	1.4	1.6	1.7		1.6		1.5	1.5
		SD	1.9	2.2	2.0	2.7	2.3		3.5		1.9	2.0
		N	119	119	119	116	121		108		120	115
		95% CI	0	0	0	0	0		1		0	0
		Max	11.2	13.6	11.1	17.2	9.9		32.0		9.9	11.1
		Min	0.5	0.5	0.5	0.5	0.5		0.5		0.5	0.5
		N< MDL	75	91	81	83	79		80		78	80
Calcium	Year 1	Avg	96.7	108.6	115.8	94.8	188.8	105.3	91.3	102.5	189.3	117.5
MDL = 1		SD	81.9	81.9	90.7	54.3	168.6	102.0	49.9	56.3	157.8	77.4
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	15	15	17	10	31	18	9	10	29	14
		Max	740.1	663.4	600.7	405.3	1557.8	947.9	297.9	328.0	748.4	574.5
		Min	25.9	21.1	27.3	23.5	37.1	0.5	28.4	32.2	25.9	43.3
		N< MDL	0	0	0	0	0	1	0	0	0	0
	Year 2	Avg	96.5	139.4	89.3	93.2	209.7		87.8		198.3	118.9
		SD	77.4	176.4	47.6	68.9	119.7		45.8		167.7	65.4
		N	119	119	119	116	121		108		120	115
		95% CI	14	32	9	13	21		9		30	12
		Max	635.6	1887.4	255.3	619.0	685.7		294.5		817.5	432.0
		Min	24.6	23.4	17.2	30.9	32.1		32.2		6.2	28.5
		N< MDL	0	0	0	0	0		0		0	0

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Chromium	Year 1	Avg	1.3	1.2	1.1	1.2	1.4	4.3	1.1	1.5	1.0	1.2
MDL = 1		SD	2.9	1.7	1.3	1.6	2.2	8.3	1.1	2.7	2.0	1.6
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	1	0	0	0	0	2	0	0	0	0
		Max	28.5	14.8	8.7	13.6	17.3	43.3	6.2	17.3	21.0	12.4
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		N< MDL	58	57	53	52	51	41	52	53	57	50
	Year 2	Avg	3.7	3.5	4.1	3.6	4.4		1.3		4.6	4.6
		SD	14.4	15.1	15.2	12.9	20.6		2.2		18.1	18.5
		N	119	119	119	116	121		108		120	115
		95% CI	3	3	3	2	4		0		3	3
		Max	111.0	117.3	116.9	121.8	192.0		9.9		118.2	120.8
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		N< MDL	75	71	61	65	71		76		78	71
Cobalt	Year 1	Avg	1.17	1.13	1.21	1.03	1.15	1.28	1.16	1.21	1.16	1.12
MDL = 0.4		SD	0.79	0.90	0.79	0.70	0.73	0.88	0.78	0.87	0.70	0.65
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1
		Max	3.72	6.20	4.95	3.72	3.72	3.72	3.71	4.95	3.72	3.72
		Min	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
		N< MDL	33	39	28	42	31	30	35	36	30	29
	Year 2	Avg	0.83	1.04	1.04	1.01	1.16		0.90		1.06	1.27
		SD	0.78	0.99	0.95	0.85	0.98		0.81		0.91	1.22
		N	119	119	119	116	121		108		120	115
		95% CI	0.1	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		Max	3.69	6.18	3.71	3.71	4.94		3.69		3.72	6.16
		Min	0.26	0.26	0.26	0.26	0.26		0.26		0.26	0.26
		N< MDL	68	58	57	54	50		57		57	46

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Copper	Year 1	Avg	9.8	27.1	16.3	11.9	25.5	53.9	18.6	15.8	16.8	13.4
MDL = 0.2		SD	17.1	16.4	15.0	11.6	70.3	21.8	10.0	24.1	49.8	9.2
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	3.0	2.9	2.8	2.1	12.7	3.9	1.8	4.4	9.1	1.7
		Max	187.8	180.7	143.4	107.8	767.1	146.2	54.4	266.0	544.2	60.7
		Min	1.2	6.2	3.7	2.5	2.5	0.2	3.7	1.2	2.5	2.5
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	12.3	27.2	15.3	12.9	33.5		20.4		21.0	15.8
		SD	7.5	12.1	9.2	9.0	147.4		9.8		7.5	14.2
		N	119	119	119	116	121		108		120	115
		95% CI	1.4	2.2	1.7	1.6	26.3		1.8		1.3	2.6
		Max	40.9	95.1	61.7	53.1	1638.0		50.7		42.0	122.0
		Min	1.2	7.4	2.5	2.5	4.9		3.7		6.2	1.2
		N< MDL	0	0	0	0	0		0		0	0
Indium	Year 1	Avg	2.2	2.3	2.3	2.4	2.1	2.2	2.0	2.5	1.9	2.3
MDL = 1		SD	2.6	2.6	2.4	2.6	2.0	2.5	2.5	2.7	2.1	2.5
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.5	0.4	0.5
		Max	13.6	12.4	12.4	11.2	11.1	11.1	11.1	11.1	9.9	13.6
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		N< MDL	42	36	32	37	33	39	41	37	40	30
	Year 2	Avg	6.0	5.6	4.8	4.8	6.2		4.0		4.6	4.7
		SD	8.2	7.2	6.8	6.9	8.3		5.9		7.2	6.7
		N	119	119	119	116	121		108		120	115
		95% CI	1.5	1.3	1.2	1.3	1.5		1.1		1.3	1.2
		Max	35.8	29.6	30.9	30.8	35.8		33.4		33.5	28.3
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		Capture	97.5%	97.5%	97.5%	95.1%	99.2%		88.5%		98.4%	94.3%
		N< MDL	45	50	52	54	45		49		60	50

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Iron	Year 1	Avg	68.3	111.9	137.9	76.2	151.3	95.4	82.3	108.6	75.9	74.4
MDL = 0.4		SD	75.7	91.4	117.0	83.2	100.2	120.1	91.5	92.7	64.5	94.3
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	13.5	16.3	21.7	15.0	18.2	21.8	16.4	16.9	11.7	17.4
		Max	413.5	519.9	687.4	484.7	448.2	816.1	441.0	398.5	291.6	432.7
		Min	0.2	7.4	0.2	0.2	0.2	0.2	1.2	6.2	0.2	0.2
		N< MDL	5	0	1	2	1	1	0	0	1	10
	Year 2	Avg	79.8	144.3	112.6	76.5	176.0		69.5		92.7	79.9
		SD	99.4	167.9	96.6	101.2	125.5		67.2		94.7	118.5
		N	119	119	119	116	121		108		120	115
		95% CI	17.9	30.2	17.4	18.4	22.4		12.7		16.9	21.7
		Max	561.3	1499.6	582.0	817.0	822.9		334.1		538.8	651.1
		Min	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		N< MDL	11	2	5	10	1		2		6	14
Lead	Year 1	Avg	4.2	5.1	6.2	7.3	10.4	9.2	5.5	7.1	7.3	12.0
MDL = 3		SD	4.2	4.2	3.8	7.7	14.0	11.7	4.5	6.2	9.1	60.5
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.8	0.7	0.7	1.4	2.5	2.1	0.8	1.1	1.7	11.2
		Max	33.4	34.7	19.8	57.0	132.4	112.7	24.7	54.4	77.0	645.9
		Min	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
		N< MDL	59	46	22	38	27	22	45	22	29	41
	Year 2	Avg	3.6	5.0	4.8	6.0	9.6		4.3		6.0	4.3
		SD	2.4	3.5	3.5	5.8	11.5		3.9		5.4	3.9
		N	119	119	119	116	121		108		120	115
		95% CI	0.4	0.6	0.6	1.0	2.1		0.7		1.0	0.7
		Max	11.2	17.3	16.1	36.9	86.7		20.9		33.5	18.5
		Min	0.6	0.6	0.6	0.6	0.6		0.6		0.6	0.6
		N< MDL	56	41	39	42	23		53		37	54

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Manganese	Year 1	Avg	3.0	3.1	5.8	4.0	7.2	6.5	2.9	4.1	3.7	3.5
MDL = 0.5		SD	2.4	2.5	4.0	3.6	4.9	8.8	2.8	3.2	3.0	3.4
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.4	0.4	0.7	0.7	0.9	1.6	0.5	0.6	0.5	0.6
		Max	12.4	12.4	22.2	18.6	23.5	44.5	12.4	13.6	16.2	17.3
		Min	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		N< MDL	15	12	5	13	2	8	17	8	10	18
	Year 2	Avg	2.5	3.3	4.4	3.8	6.4		2.0		3.7	3.1
		SD	5.2	6.0	6.1	6.0	7.0		2.7		6.4	6.2
		N	119	119	119	116	121		108		120	115
		95% CI	0.9	1.1	1.1	1.1	1.2		0.5		1.2	1.1
		Max	37.0	40.8	44.3	52.9	46.9		12.4		43.2	41.9
		Min	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		N< MDL	56	44	38	38	32		53		37	42
Molybdenum	Year 1	Avg	4.0	4.3	4.7	4.7	4.2	5.1	4.3	4.4	4.3	4.3
MDL = 1		SD	1.9	2.0	2.1	2.4	2.0	3.1	2.7	2.1	2.0	2.0
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.3	0.4	0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.4
		Max	8.7	11.1	9.9	13.6	9.9	23.5	16.1	9.9	9.9	8.7
		Min	0.3	1.2	1.2	0.3	0.3	0.3	0.3	0.3	0.3	1.2
		N< MDL	3	0	0	3	2	2	3	2	2	0
	Year 2	Avg	4.5	4.9	4.7	4.9	5.1		4.4		4.7	5.0
		SD	2.4	2.8	2.4	2.5	3.5		2.4		2.3	2.6
		N	119	119	119	116	121		108		120	115
		95% CI	0.4	0.5	0.4	0.5	0.6		0.4		0.4	0.5
		Max	13.6	19.8	16.0	14.8	33.5		12.4		12.3	14.8
		Min	0.3	0.3	1.2	0.3	0.3		0.3		1.2	0.3
		Capture	97.5%	97.5%	97.5%	95.1%	99.2%		88.5%		98.4%	94.3%
		N< MDL	4	3	0	3	3		5		0	1

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Nickel	Year 1	Avg	3.3	2.5	2.7	3.2	2.3	4.0	4.6	2.9	2.2	7.1
MDL = 0.2		SD	2.7	1.7	1.9	2.0	1.8	3.2	3.0	2.2	2.0	4.8
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.5	0.3	0.4	0.4	0.3	0.6	0.5	0.4	0.4	0.9
		Max	13.6	9.9	11.1	9.9	8.7	16.1	14.8	12.4	12.4	24.8
		Min	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N< MDL	3	7	6	3	15	4	6	8	12	1
	Year 2	Avg	4.2	3.3	4.4	4.5	4.3		4.2		3.3	7.6
		SD	5.2	4.6	5.2	5.4	11.5		3.6		5.2	6.4
		N	119	119	119	116	121		108		120	115
		95% CI	0.9	0.8	0.9	1.0	2.1		0.7		0.9	1.2
		Max	33.3	28.4	28.3	34.5	120.2		18.5		32.1	38.2
		Min	0.1	0.1	0.1	0.1	0.1		0.1		0.1	0.1
		Capture	97.5%	97.5%	97.5%	95.1%	99.2%		88.5%		98.4%	94.3%
		N< MDL	15	27	17	15	27		8		28	5
Palladium	Year 1	Avg	1.6	1.4	1.3	1.4	1.2	1.2	1.3	1.1	1.7	1.4
MDL = 1.5		SD	2.2	1.5	1.4	1.6	1.3	1.3	1.6	1.2	2.0	1.5
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.4	0.3
		Max	13.6	9.9	7.4	8.7	7.4	8.7	9.9	7.4	8.7	7.4
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		N< MDL	97	94	90	94	97	97	102	99	92	90
	Year 2	Avg	0.9	0.8	0.9	0.9	1.0		0.9		1.0	0.9
		SD	1.3	1.0	1.3	1.4	1.6		1.3		1.5	1.4
		N	119	119	119	116	121		108		120	115
		95% CI	0.2	0.2	0.2	0.3	0.3		0.2		0.3	0.3
		Max	7.4	5.0	7.4	7.4	12.4		7.4		7.4	7.4
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		N< MDL	102	103	100	99	102		93		102	100

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Phosphorous	Year 1	Avg	25.2	23.9	27.3	31.7	26.8	32.2	31.0	29.6	22.3	34.5
MDL = 12		SD	28.8	33.7	34.5	40.6	35.7	39.8	41.3	38.0	31.8	45.7
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	5.1	6.0	6.4	7.3	6.5	7.2	7.4	6.9	5.8	8.4
		Max	152.2	214.2	185.6	198.1	236.3	184.0	183.0	221.6	164.3	315.5
		Min	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
		N< MDL	63	72	62	59	64	54	65	56	73	51
	Year 2	Avg	16.6	21.2	23.2	24.3	21.5		29.6		19.2	31.6
		SD	25.3	34.5	35.8	40.4	30.7		41.6		26.5	46.6
		N	119	119	119	116	121		108		120	115
		95% CI	4.5	6.2	6.4	7.4	5.5		7.8		4.7	8.5
		Max	125.7	167.2	219.4	216.6	131.3		204.2		125.7	243.9
		Min	3.1	3.1	3.1	3.1	3.1		3.1		3.1	3.1
		Capture	97.5%	97.5%	97.5%	95.1%	99.2%		88.5%		98.4%	94.3%
		N< MDL	80	78	71	74	74		60		77	62
Potassium	Year 1	Avg	98.2	110.4	95.5	104.7	252.9	121.9	76.6	135.7	190.0	70.7
MDL = 1		SD	501.6	442.1	389.2	337.1	1984.7	306.8	195.1	727.3	1378.4	178.2
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	89.4	79.1	72.1	60.8	359.6	55.6	34.9	132.4	250.8	32.8
		Max	5526	4767	4081	2986	21528	2984	1601	7850	14886	1553
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		N< MDL	2	3	1	3	2	3	6	2	1	5
	Year 2	Avg	64.6	83.6	50.7	62.8	84.1		46.7		84.2	48.2
		SD	97.2	94.1	89.4	81.2	79.4		46.6		174.0	44.3
		N	119	119	119	116	121		108		120	115
		95% CI	17.5	16.9	16.1	14.8	14.1		8.8		31.1	8.1
		Max	863	663	912	741	573		231		1585	207
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		N< MDL	6	1	7	5	5		4		7	9

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Rubidium	Year 1	Avg	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
MDL = 0.4		SD	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Max	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3
		Min	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N< MDL	71	72	67	67	70	70	72	69	64	61
	Year 2	Avg	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
		SD	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.0	0.1	0.0
		N	119	119	119	116	121	15	108	59	120	115
		95% CI	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
		Max	0.1	1.2	1.2	1.2	1.2	1.2	1.2	0.1	1.2	0.1
		Min	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N< MDL	119	118	117	115	120	14	107	59	119	115
Selenium	Year 1	Avg	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.7	0.7
MDL = 1		SD	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Max	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3
		Min	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		N< MDL	71	72	67	67	70	70	72	70	66	61
	Year 2	Avg	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		SD	0.0	0.1	0.0	0.1	0.1		0.0		0.0	0.0
		N	119	119	119	116	121		108		120	115
		95% CI	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0
		Max	0.2	1.2	0.2	1.2	1.2		0.2		0.2	0.2
		Min	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		N< MDL	119	118	119	115	120		108		120	115

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Silicon	Year 1	Avg	101	133	139	105	222	134	123	148	126	143
MDL = 160		SD	153	182	241	164	308	218	171	240	166	235
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	27	33	45	30	56	39	31	44	30	43
		Max	827	1173	1427	1123	1716	1619	814	1440	806	1804
		Min	36	36	36	36	36	36	36	36	36	36
		N< MDL	103	90	91	98	71	92	92	85	87	86
	Year 2	Avg	82	180	111	79	170		111		101	150
		SD	145	474	187	118	213		178		157	224
		N	119	119	119	116	121		108		120	115
		95% CI	26	85	34	22	38		34		28	41
		Max	1120	4305	1105	835	805		1006		924	999
		Min	36	36	36	36	36		36		36	36
		N< MDL	105	92	99	101	84		90		101	87
Silver	Year 1	Avg	1.0	0.8	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9
MDL = 1.2		SD	1.2	0.9	0.9	1.2	1.0	1.0	0.9	0.9	0.9	0.8
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0	0	0	0	0	0	0	0	0	0
		Max	8.7	7.4	6.2	8.7	6.2	7.4	7.4	6.2	5.0	5.0
		Min	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		N< MDL	59	63	61	51	60	60	60	58	58	50
	Year 2	Avg	0.6	0.5	0.5	0.5	2.3		0.4		0.5	0.5
		SD	1.2	0.9	0.6	0.8	20.1		0.7		0.9	1.0
		N	119	119	119	116	121		108		120	115
		95% CI	0	0	0	0	4		0		0	0
		Max	7.4	5.0	2.5	6.2	221.8		4.9		6.2	7.4
		Min	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		N< MDL	104	104	104	100	103		97		106	105

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Strontium	Year 1	Avg	2.1	1.9	2.1	1.6	4.7	1.6	1.4	2.6	3.4	1.5
MDL = 1		SD	9.3	7.6	7.2	5.2	38.2	4.9	2.8	13.8	25.5	3.0
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	1.7	1.4	1.3	0.9	6.9	0.9	0.5	2.5	4.6	0.6
		Max	101.3	82.9	74.2	54.5	414.5	52.0	19.8	148.5	275.8	21.1
		Min	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		N< MDL	52	48	43	49	39	48	53	48	50	46
	Year 2	Avg	1.7	1.2	1.1	0.9	0.9		0.8		0.8	1.0
		SD	8.5	2.3	2.2	1.7	1.4		1.2		1.0	1.2
		N	119	119	119	116	121		108		120	115
		95% CI	1.5	0.4	0.4	0.3	0.3		0.2		0.2	0.2
		Max	91.5	17.3	19.7	13.6	8.6		6.2		6.2	7.4
		Min	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		N< MDL	85	77	75	75	89		81		83	64
Sulfur	Year 1	Avg	1485	1497	1574	1627	1319	1712	1744	1580	1231	1792
MDL = 12		SD	1344	1367	1442	1477	1417	1604	1571	1510	1275	1619
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	239	245	267	266	257	291	281	275	232	298
		Max	6093	5814	6290	6342	10478	6935	7924	6862	8482	9065
		Min	6	3	3	6	3	3	31	6	3	108
		N< MDL	1	2	2	1	6	3	0	1	9	0
	Year 2	Avg	1330	1360	1305	1430	1160		1642		1155	1773
		SD	1178	1330	1293	1409	1045		1452		948	1507
		N	119	119	119	116	121		108		120	115
		95% CI	212	239	232	256	186		274		170	275
		Max	4756	5007	5522	5583	4498		7369		3620	7607
		Min	4	3	3	3	15		3		3	32
		N< MDL	1	1	3	1	0		1		4	0

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Tin	Year 1	Avg	0.8	1.0	1.2	1.2	1.0	1.4	1.0	7.9	0.8	1.2
MDL = 1.5		SD	0.8	1.1	1.2	2.0	1.2	1.9	1.0	20.4	0.6	1.4
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.1	0.2	0.2	0.4	0.2	0.4	0.2	3.7	0.1	0.3
		Max	6.2	6.2	7.4	16.1	8.7	9.9	7.4	116.4	4.9	8.7
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		N< MDL	116	108	96	109	107	99	111	83	114	102
	Year 2	Avg	2.8	3.2	2.7	2.6	2.8		2.2		2.1	2.9
		SD	5.9	6.6	5.8	6.4	6.2		5.3		5.0	7.0
		N	119	119	119	116	121		108		120	115
		95% CI	1.1	1.2	1.0	1.2	1.1		1.0		0.9	1.3
		Max	27.1	29.6	23.4	36.9	29.6		27.1		26.0	33.3
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		N< MDL	96	94	93	93	96	11	93	42	100	95
Titanium	Year 1	Avg	16.7	19.4	22.3	24.5	23.3	19.0	24.1	20.8	17.8	21.4
MLD = 3		SD	9.8	10.3	12.6	18.0	16.0	9.1	26.5	11.2	10.9	24.1
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	1.7	1.8	2.3	3.3	2.9	1.6	4.7	2.0	2.0	4.4
		Max	53.2	68.1	87.9	101.6	136.1	49.3	120.0	63.1	96.9	147.5
		Min	2.5	3.7	3.7	3.7	3.7	2.5	2.5	6.2	5.0	2.5
		N< MDL	1	0	0	0	0	1	1	0	0	1
	Year 2	Avg	19.8	29.1	19.8	26.6	25.8		21.7		19.0	19.1
		SD	10.8	61.3	10.2	22.6	11.3		20.7		8.9	15.6
		N	119	119	119	116	121		108		120	115
		95% CI	1.9	11.0	1.8	4.1	2.0		3.9		1.6	2.9
		Max	57.0	629.2	59.1	174.8	74.1		118.7		49.6	90.4
		Min	4.9	1.2	3.7	6.2	4.9		6.1		3.7	3.7
		N< MDL	0	1	0	0	0		0		0	0

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Vanadium	Year 1	Avg	6.9	4.2	4.8	7.5	3.7	6.0	11.7	5.6	4.0	19.8
MDL = 1.2		SD	6.7	3.9	4.5	5.8	3.8	5.4	8.6	4.8	4.2	14.6
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	1.2	0.7	0.8	1.0	0.7	1.0	1.5	0.9	0.8	2.7
		Max	28.5	22.3	23.5	34.6	19.8	28.5	50.7	26.0	23.5	66.8
		Min	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.2
		N< MDL	7	14	10	1	17	6	2	10	16	0
	Year 2	Avg	6.7	4.1	4.6	7.5	3.7		11.2		3.7	19.2
		SD	4.9	3.9	4.1	6.0	3.3		8.2		3.0	14.7
		N	119	119	119	116	121		108		120	115
		95% CI	0.9	0.7	0.7	1.1	0.6		1.5		0.5	2.7
		Max	21.0	20.9	23.4	30.8	16.1		50.7		12.3	87.5
		Min	0.3	0.3	0.3	0.3	0.3		0.3		0.3	0.3
		N< MDL	10	30	28	14	31		8		27	6
Yttrium	Year 1	Avg	1.1	1.3	1.2	1.3	1.0	1.3	1.2	1.2	1.1	1.2
MDL = 0.2		SD	0.8	1.0	0.8	0.9	0.7	0.9	0.8	0.8	0.8	0.8
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1
		Max	4.9	3.7	3.7	3.7	2.5	3.7	3.7	3.7	3.7	3.7
		Min	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N< MDL	30	33	27	25	33	25	27	25	33	25
	Year 2	Avg	1.0	0.9	0.9	1.0	0.8		1.2		1.0	1.1
		SD	1.1	1.0	1.0	1.1	1.0		1.3		1.2	1.0
		N	119	119	119	116	121		108		120	115
		95% CI	0.2	0.2	0.2	0.2	0.2		0.2		0.2	0.2
		Max	5.0	3.7	4.9	5.0	4.9		6.2		6.2	3.7
		Min	0.1	0.1	0.1	0.1	0.1		0.1		0.1	0.1
		N< MDL	59	65	66	56	73		47		65	44

Table VI-4 Ambient Concentrations (ng/m^3) of $PM_{2.5}$ Components at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
Zinc	Year 1	Avg	22.7	21.3	46.8	30.9	53.9	36.5	27.3	40.7	33.1	28.1
MDL = 0.2		SD	16.8	12.0	245.9	36.0	39.1	38.9	22.5	55.5	37.7	28.7
		N	121	120	112	118	117	117	120	116	116	113
		95% CI	3.0	2.2	45.5	6.5	7.1	7.0	4.0	10.1	6.9	5.3
		Max	75.5	79.3	2621.7	236.8	210.5	223.8	111.3	361.9	261.7	152.2
		Min	3.7	5.0	5.0	3.7	3.7	1.2	3.7	6.2	4.9	2.5
		N< MDL	0	0	0	0	0	0	0	0	0	0
	Year 2	Avg	19.2	21.6	26.1	27.4	59.3		26.3		30.7	26.1
		SD	12.5	13.0	27.2	23.6	97.1		24.1		32.0	30.1
		N	119	119	119	116	121		108		120	115
		95% CI	2.2	2.3	4.9	4.3	17.3		4.5		5.7	5.5
		Max	73.1	75.4	285.8	128.1	1053.2		180.6		167.0	188.6
		Min	3.7	4.9	6.1	3.7	6.2		3.7		1.2	3.7
		N< MDL	0	0	0	0	0		0		0	0

Table VI-5 Ambient PM_{10} Carbon Concentrations (ug/m^3) at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
PM_{10}	Year 1	Avg	31.03	36.86	32.05	34.62	46.84	36.47	30.35	35.75	49.47	35.06
Mass		SD	13.79	16.22	13.55	14.26	23.75	13.62	11.50	14.80	24.59	15.32
		N	112	111	118	118	115	119	113	118	102	107
		95% CI	2.55	3.02	2.44	2.57	4.34	2.45	2.12	2.67	4.77	2.90
		Max	74.00	92.00	79.00	90.00	134.00	73.00	72.00	85.00	122.00	80.00
		Min	3.00	5.00	4.00	4.00	7.00	6.00	5.00	5.00	4.00	9.00
	Year 2	Avg	30.58	33.98	29.62	31.62	53.71		30.37		55.22	32.83
		SD	12.78	12.33	11.45	11.85	22.49		11.90		23.88	14.35
		N	118	118	116	108	109		118		111	117
		95% CI	2.31	2.22	2.08	2.24	4.22		2.15		4.44	2.60
		Max	92.00	77.00	68.00	62.00	115.00		66.00		123.00	89.00
		Min	10.00	9.00	6.00	11.00	9.00		9.00		8.00	6.00
PM_{10}	Year 1	Avg	1.55	2.32	1.93	1.94	2.16	2.46	1.81	2.33	1.95	2.48
Elemental Carbon		SD	1.08	1.39	1.00	1.34	1.02	1.48	1.25	1.26	1.08	1.66
		N	112	110	118	117	115	118	112	118	101	107
		95% CI	0.20	0.26	0.18	0.24	0.19	0.27	0.23	0.23	0.21	0.31
		Max	7.86	6.37	5.94	5.61	5.15	6.54	6.69	6.28	5.22	6.77
		Min	0.43	0.49	0.56	0.52	0.28	0.84	0.49	0.76	0.41	0.60
	Year 2	Avg	1.68	2.22	2.05	1.74	2.49		1.82		2.15	2.36
		SD	1.07	1.11	1.07	1.09	1.14		1.03		1.19	1.67
		N	118	118	114	108	108		118		111	115
		95% CI	0.19	0.20	0.20	0.21	0.21		0.19		0.22	0.31
		Max	5.98	6.01	5.27	6.53	5.31		5.71		6.12	9.02
		Min	0.46	0.66	0.50	0.32	0.48		0.36		0.46	0.59

Table VI-5 Ambient PM_{10} Carbon Concentrations (ug/m^3) at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
PM_{10}	Year 1	Avg	4.61	6.32	5.13	5.48	6.47	5.88	4.79	5.55	6.69	5.47
Organic Carbon		SD	1.89	3.45	1.67	3.13	2.46	3.08	2.32	2.15	2.70	3.40
		N	112	110	118	117	115	118	112	118	101	107
		95% CI	0.35	0.65	0.30	0.57	0.45	0.55	0.43	0.39	0.53	0.65
		Max	11.75	26.99	9.68	22.12	16.05	19.66	14.94	13.90	13.70	17.79
		Min	2.13	1.38	2.48	2.09	1.98	2.66	1.77	2.50	2.37	2.11
	Year 2	Avg	5.26	6.67	5.41	5.48	8.15		5.17		8.01	5.33
		SD	2.62	2.66	2.01	3.08	3.11		2.81		3.27	3.41
		N	118	118	114	108	108		118		111	115
		95% CI	0.47	0.48	0.37	0.58	0.59		0.51		0.61	0.62
		Max	15.53	15.11	11.49	20.61	15.77		13.87		16.77	17.50
		Min	2.03	2.64	2.02	2.07	2.81		2.04		1.94	2.05
PM_{10}	Year 1	Avg	6.17	8.64	7.06	7.42	8.62	8.33	6.60	7.89	8.64	7.94
Total Carbon		SD	2.88	4.68	2.60	4.36	3.28	4.44	3.52	3.29	3.58	4.96
		N	112	110	118	117	115	118	112	118	101	107
		95% CI	1	1	0	1	1	1	1	1	1	1
		Max	19.61	33.36	15.61	27.19	20.97	25.98	21.63	20.18	18.32	24.56
		Min	2.64	1.87	3.24	2.65	2.31	4.14	2.58	3.57	2.99	2.74
	Year 2	Avg	6.94	8.89	7.46	7.22	10.64		6.98		10.16	7.68
		SD	3.54	3.39	2.86	3.81	3.94		3.57		4.10	4.70
		N	118	118	114	108	108		118		111	115
		95% CI	1	1	1	1	1		1		1	1
		Max	20.39	18.13	15.16	22.73	18.86		16.98		19.78	25.65
		Min	2.53	3.39	2.52	2.39	3.29		2.39		2.39	2.78

Table VI-6 Ambient $PM_{2.5}$ Carbon Concentrations (ug/m^3) at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
$PM_{2.5}$ Mass	Year 1	Avg	17.71	21.34	19.44	19.50	21.37	22.35	18.45	20.74	23.43	18.35
		SD	10.08	13.14	10.46	10.69	13.46	12.55	9.84	11.15	15.41	9.80
		N	117	115	110	114	112	113	113	109	113	110
		95% CI	1.83	2.40	1.95	1.96	2.49	2.31	1.82	2.09	2.84	1.83
		Max	64.01	80.79	68.42	57.49	102.18	77.86	61.10	64.86	90.73	60.34
		Min	4.23	4.13	5.37	3.51	2.78	4.96	4.43	4.95	3.51	5.68
	Year 2	Avg	17.40	20.56	18.01	18.24	21.65		17.19		22.38	18.34
		SD	9.28	10.20	9.74	9.96	13.12		9.26		13.96	9.46
		N	118	118	117	116	117		106		122	117
		95% CI	1.67	1.84	1.76	1.81	2.38		1.76		2.48	1.71
		Max	59.26	58.71	54.47	55.61	112.40		55.75		110.18	49.74
		Min	4.64	4.03	5.06	4.34	5.27		3.71		2.07	4.85
$PM_{2.5}$ Elemental Carbon	Year 1	Avg	1.19	1.79	1.60	1.61	1.84	2.20	1.46	1.97	1.48	2.03
		SD	0.95	1.11	0.87	1.40	1.13	1.69	1.14	1.08	1.00	1.78
		N	121	119	113	118	117	118	119	116	114	111
		95% CI	0.17	0.20	0.16	0.25	0.20	0.30	0.20	0.20	0.18	0.33
		Max	6.44	6.28	4.49	7.18	7.10	9.08	5.99	5.18	4.36	8.40
		Min	0.06	0.36	0.32	0.22	0.04	0.03	0.04	0.46	0.07	0.02
	Year 2	Avg	1.52	2.12	2.03	1.80	2.24		1.49		1.82	2.12
		SD	1.19	1.24	1.19	1.42	1.21		1.04		1.21	1.73
		N	121	122	119	117	119		109		121	117
		95% CI	0.21	0.22	0.21	0.26	0.22		0.20		0.22	0.31
		Max	6.40	6.18	5.29	6.56	5.65		5.27		5.70	8.78
		Min	0.10	0.38	0.40	0.02	0.26		0.35		0.00	0.31

Table VI-6 Ambient $PM_{2.5}$ Carbon Concentrations (ug/m^3) at the Fixed Sites

			Measurement Site									
Pollutant	**Period**	**Statistic**	**AN**	**BU**	**LA**	**CP**	**SB**	**HP**	**NLB**	**PR**	**RU**	**WLB**
$PM_{2.5}$	Year 1	Avg	5.98	7.68	6.62	7.11	7.54	8.33	6.24	7.06	6.47	6.21
Organic Carbon		SD	2.66	3.16	2.15	3.64	3.12	4.27	3.09	2.49	3.03	3.19
		N	121	119	113	118	117	118	119	116	114	111
		95% CI	0	1	0	1	1	1	1	0	1	1
		Max	16.15	22.35	13.30	23.65	16.22	25.51	18.80	13.84	18.04	15.83
		Min	2.15	1.77	1.88	1.93	0.98	1.17	1.49	2.16	1.13	1.06
	Year 2	Avg	6.41	8.59	8.23	6.92	8.43		6.77		7.33	6.96
		SD	3.01	3.14	3.55	3.23	3.06		3.67		3.50	4.00
		N	121	122	119	117	119		109		121	117
		95% CI	1	1	1	1	1		1		1	1
		Max	17.73	19.56	22.32	17.75	17.99		19.85		22.37	19.96
		Min	2.42	2.89	2.60	1.96	2.37		2.33		1.81	2.37
$PM_{2.5}$	Year 1	Avg	7.17	9.47	8.22	8.72	9.37	10.53	7.70	9.03	7.95	8.25
Total Carbon		SD	3.44	4.13	2.87	4.86	3.94	5.76	4.05	3.39	3.80	4.78
		N	121	119	113	118	117	118	119	116	114	111
		95% CI	1	1	1	1	1	1	1	1	1	1
		Max	22.58	28.63	17.31	30.83	21.44	33.96	24.78	18.22	21.13	23.64
		Min	2.26	2.34	2.28	2.47	1.02	1.21	1.62	2.94	1.21	1.15
	Year 2	Avg	7.93	10.70	10.25	8.72	10.68		8.26		9.15	9.08
		SD	3.93	4.02	4.33	4.48	3.87		4.41		4.34	5.19
		N	121	122	119	117	119		109		121	117
		95% CI	1	1	1	1	1		1		1	1
		Max	21.76	24.55	24.54	24.18	20.89		24.08		24.61	26.93
		Min	2.89	3.45	3.15	1.97	2.73		2.68		1.98	2.69