

Appendix III-B

Statistical Summaries for the MATES-II Fixed Monitoring Sites

Contained in this appendix are tables providing period of record summaries by site for the VOC species (Table 1), carbonyl species (Table 2), particulate matter components (Table 3), and particulate carbon (Table 4). The statistics provided include:

- Mean
- Standard deviation (abbreviated as Std. Dev.)
- Limit of detection (abbreviated as LoD)
- Total number of samples (denoted as N)
- Number of samples below the detection level (abbreviated as N<LoD)
- 90 percent two-tailed confidence interval (abbreviated as CI (90%))
- 95 percent two-tailed confidence interval (abbreviated as CI (95%))

The abbreviations for the measurement sites are as follows:

- **AN**, Anaheim
- **BU**, Burbank
- **LA**, downtown Los Angeles
- **CP**, Compton
- **FO**, Fontana
- **HP**, Huntington Park
- **LB**, Long Beach
- **PR**, Pico Rivera
- **RU**, Rubidoux
- **WI**, Wilmington

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Chloromethane	AQMD	mean	0.63	0.62	0.63	0.71	0.62	0.64	0.62	0.60	0.63	0.73	
		Std. Dev.	0.14	0.17	0.15	0.21	0.15	0.18	0.15	0.16	0.17	0.48	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	0	0	0	0	0	0	0	0	1	0	
		CI (90%)	0.06	0.07	0.06	0.10	0.06	0.08	0.06	0.06	0.06	0.07	0.25
CI (95%)	0.06	0.08	0.07	0.11	0.07	0.09	0.06	0.06	0.07	0.08	0.29		
Chloroethene	AQMD	mean	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
		Std. Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		LoD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	26	28	29	21	30	23	30	29	24	17	
		CI (90%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CI (95%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
1,3 Butadiene	AQMD	mean	0.24	0.40	0.34	0.64	0.23	0.60	0.27	0.30	0.25	0.42	
		Std. Dev.	0.18	0.34	0.24	0.43	0.17	0.37	0.19	0.24	0.20	0.34	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	6	7	5	1	5	0	5	4	4	0	
		CI (90%)	0.07	0.13	0.09	0.19	0.06	0.16	0.07	0.09	0.08	0.17	
CI (95%)	0.08	0.15	0.10	0.23	0.07	0.19	0.08	0.11	0.10	0.20			
ARB	ARB	mean	0.27	0.45	0.36	0.61	0.17	0.55	0.27	0.28	0.22	0.44	
		Std. Dev.	0.26	0.40	0.29	0.70	0.11	0.49	0.27	0.20	0.17	0.38	
		LoD	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
		N	25	30	30	21	30	23	30	25	21	18	
		N<LoD	1	1	1	0	3	0	0	1	1	1	
		CI (90%)	0.11	0.15	0.11	0.32	0.04	0.21	0.10	0.08	0.08	0.19	
CI (95%)	0.13	0.17	0.12	0.37	0.05	0.24	0.12	0.10	0.09	0.22			

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site													
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI				
1,1 Dichloroethene	AQMD	mean	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
		Std. Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	26	28	29	21	30	23	30	29	29	24	17	17	17	17
		N<LoD	26	28	29	21	30	23	30	29	29	24	17	17	17	17
		CI (90%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CI (95%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Methylene Chloride	AQMD	mean	0.50	0.80	0.81	0.76	0.57	0.85	0.56	0.69	0.57	0.57	0.57	0.57	0.57	
		Std. Dev.	0.46	0.65	0.93	0.43	0.64	0.97	0.83	0.61	0.42	0.50	0.50	0.50	0.50	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	29	24	17	17	17	
		N<LoD	3	0	0	0	2	0	4	2	2	0	0	0	0	
		CI (90%)	0.19	0.25	0.35	0.20	0.24	0.42	0.31	0.23	0.23	0.18	0.26	0.26	0.26	
CI (95%)	0.21	0.29	0.41	0.23	0.28	0.49	0.36	0.27	0.27	0.21	0.30	0.30	0.30			
1,1 Dichloroethane	ARB	mean	0.81	1.09	0.81	0.79	0.67	1.34	0.59	1.04	0.60	0.78	0.78	0.78		
		Std. Dev.	0.95	0.75	0.56	0.59	0.41	2.68	0.27	1.07	0.23	0.61	0.61	0.61		
		LoD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
		N	25	29	27	21	29	22	27	25	20	18	18	18		
		N<LoD	21	14	18	15	23	16	24	13	17	14	14	14		
		CI (90%)	0.39	0.29	0.22	0.27	0.16	1.19	0.11	0.44	0.44	0.11	0.30	0.30		
CI (95%)	0.45	0.33	0.25	0.31	0.18	1.38	0.13	0.51	0.51	0.13	0.35	0.35				
1,1 Dichloroethane	AQMD	mean	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
		Std. Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
		N	26	28	29	21	30	23	30	29	24	17	17	17		
		N<LoD	26	28	29	21	30	23	30	29	24	17	17	17		
		CI (90%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
CI (95%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site									
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI
Chloroform	AQMD	mean	0.05	0.06	0.06	0.05	0.05	0.07	0.05	0.05	0.05	0.06
		Std. Dev.	0.00	0.02	0.03	0.01	0.01	0.06	0.02	0.01	0.00	0.04
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	26	28	29	21	30	23	30	29	24	17
		N<LoD	26	22	27	20	29	21	29	28	24	16
		CI (90%)	0.00	0.01	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00
		CI (95%)	0.00	0.01	0.01	0.01	0.01	0.03	0.01	0.00	0.00	0.02
		mean	0.04	0.06	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.03
		Std. Dev.	0.02	0.03	0.02	0.02	0.04	0.04	0.04	0.02	0.02	0.02
		LoD	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Ethylene Dichloride	AQMD	N	20	27	25	15	27	16	26	21	17	
		N<LoD	3	1	3	3	6	1	4	2	3	
		CI (90%)	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	
		CI (95%)	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.01	
		mean	0.05	0.05	0.10	0.05	0.08	0.05	0.09	0.05	0.05	
		Std. Dev.	0.00	0.00	0.27	0.00	0.18	0.00	0.23	0.00	0.00	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	24	
		N<LoD	26	28	28	21	29	23	29	29	24	
		CI (90%)	0.00	0.00	0.10	0.00	0.07	0.00	0.09	0.00	0.00	
CI (95%)	0.00	0.00	0.12	0.00	0.08	0.00	0.10	0.00	0.00			

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site										WI
			AN	BU	LA	CP	FO	HP	LB	PR	RU		
Benzene	AQMD	mean	0.91	1.20	0.96	1.77	0.82	1.80	0.82	0.91	0.96	1.25	
		Std. Dev.	0.55	0.93	0.66	0.96	0.54	1.19	0.57	0.63	0.52	0.95	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	2	0	0	0	0	0	1	0	0	0	
		CI (90%)	0.22	0.36	0.25	0.44	0.20	0.52	0.21	0.24	0.22	0.49	
		CI (95%)	0.26	0.42	0.29	0.51	0.23	0.60	0.25	0.28	0.26	0.57	
ARB	ARB	mean	1.20	1.33	1.05	1.82	0.66	1.50	0.83	0.86	0.77	1.29	
		Std. Dev.	1.23	1.00	0.71	1.99	0.38	1.17	0.71	0.50	0.46	1.06	
		LoD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
		N	25	30	30	21	30	23	30	25	21	18	
		N<LoD	1	1	0	1	2	0	0	1	2	2	
		CI (90%)	0.51	0.37	0.27	0.91	0.14	0.51	0.27	0.21	0.21	0.53	
		CI (95%)	0.59	0.43	0.31	1.05	0.16	0.59	0.31	0.24	0.24	0.61	
Carbon Tetrachloride	AQMD	mean	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	
		Std. Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
		LoD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	26	28	29	21	30	23	30	29	0	16	
		CI (90%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
		CI (95%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
ARB	ARB	mean	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	
		Std. Dev.	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	
		LoD	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
		N	25	28	28	21	30	21	29	24	21	17	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
		CI (95%)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site													
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI				
Trichloroethylene	AQMD	mean	0.14	0.06	0.30	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.05	0.05	0.10	
		Std. Dev.	0.08	0.02	0.22	0.06	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.18	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	29	24	24	17	17	
		N<LoD	8	25	7	19	30	20	29	29	24	24	24	15	15	
		CI (90%)	0.03	0.01	0.08	0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.09
		CI (95%)	0.04	0.01	0.10	0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.11
Toluene	AQMD	mean	2.63	4.49	3.16	5.50	2.64	6.45	2.30	6.45	2.30	3.17	3.02	3.65		
		Std. Dev.	1.77	3.14	1.97	3.15	1.39	4.04	1.56	2.20	1.63	2.20	1.63	2.66		
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
		N	26	28	29	21	30	23	30	29	29	24	24	17		
		N<LoD	0	1	1	0	0	1	1	1	2	0	0	0		
		CI (90%)	0.72	1.22	0.75	1.43	0.52	1.75	0.58	0.84	0.84	0.69	0.69	1.37		
		CI (95%)	0.83	1.41	0.87	1.67	0.60	2.03	0.67	0.97	0.97	0.80	0.80	1.59		
Toluene	ARB	mean	2.93	3.84	2.70	4.61	2.16	5.07	1.87	5.07	1.87	3.09	2.46	3.64		
		Std. Dev.	2.68	2.23	1.57	4.91	1.59	3.31	1.34	1.91	1.83	1.91	1.83	3.78		
		LoD	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		
		N	23	28	24	19	26	21	26	24	24	18	18	17		
		N<LoD	1	0	0	0	1	0	0	0	0	0	0	1		
		CI (90%)	1.16	0.86	0.66	2.36	0.64	1.51	0.54	0.81	0.81	0.91	0.91	1.94		
		CI (95%)	1.34	1.00	0.77	2.75	0.74	1.75	0.63	0.93	0.93	1.06	1.06	2.26		

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site											WI		
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI				
Ethylene Dibromide	AQMD	mean	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
		Std. Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	26	28	29	21	30	23	30	29	29	24	24	17	17	
		N<LoD	26	28	29	21	30	23	30	29	29	24	24	17	17	
		CI (90%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CI (95%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Perchloroethylene	AQMD	mean	0.42	0.61	0.28	0.51	0.20	0.44	0.19	0.27	0.20	0.20	0.23			
		Std. Dev.	0.54	0.58	0.18	0.32	0.13	0.33	0.18	0.21	0.13	0.13	0.20			
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
		N	26	28	29	21	30	23	30	29	29	24	17			
		N<LoD	6	3	4	0	4	1	10	6	4	4	5			
		CI (90%)	0.22	0.22	0.07	0.15	0.05	0.14	0.07	0.08	0.08	0.05	0.10			
CI (95%)	0.25	0.26	0.08	0.17	0.06	0.17	0.08	0.09	0.09	0.06	0.12					
ARB	ARB	mean	0.21	0.45	0.21	0.27	0.16	0.35	0.15	0.20	0.13	0.25				
		Std. Dev.	0.22	0.42	0.12	0.18	0.11	0.39	0.17	0.10	0.09	0.31				
		LoD	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01				
		N	23	28	26	19	29	21	27	21	21	16				
		N<LoD	1	0	0	0	1	0	2	0	1	1				
		CI (90%)	0.10	0.16	0.05	0.09	0.04	0.18	0.07	0.05	0.04	0.17				
CI (95%)	0.11	0.19	0.06	0.10	0.05	0.21	0.08	0.06	0.05	0.19						

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site									
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI
Ethyl Benzene	AQMD	mean	0.37	0.54	0.43	0.84	0.33	0.91	0.31	0.42	0.36	0.46
		Std. Dev.	0.27	0.34	0.24	0.47	0.15	0.54	0.19	0.25	0.19	0.36
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	26	28	29	21	30	23	30	29	24	17
		N<LoD	4	0	1	0	2	0	2	1	1	2
		CI (90%)	0.11	0.13	0.09	0.22	0.06	0.23	0.07	0.10	0.08	0.08
		CI (95%)	0.13	0.15	0.11	0.25	0.07	0.27	0.08	0.11	0.09	0.09
		mean	0.43	0.48	0.39	0.78	0.30	0.68	0.37	0.34	0.30	0.53
		Std. Dev.	0.30	0.35	0.23	0.76	0.00	0.58	0.21	0.14	0.00	0.40
		LoD	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
N	25	29	27	21	29	22	28	25	20	18		
N<LoD	20	22	23	12	29	12	25	23	20	12		
CI (90%)	0.12	0.13	0.09	0.35	0.00	0.26	0.08	0.06	0.00	0.20		
CI (95%)	0.14	0.15	0.11	0.40	0.00	0.30	0.09	0.07	0.00	0.23		
(m+p) Xylenes	AQMD	mean	1.45	2.14	1.68	3.30	1.23	3.39	1.25	1.66	1.39	1.85
		Std. Dev.	0.95	1.40	0.92	1.89	0.56	1.92	0.76	0.94	0.69	1.36
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	26	28	29	21	30	23	30	29	24	17
		N<LoD	0	0	0	0	0	0	0	0	0	0
		CI (90%)	0.38	0.54	0.35	0.86	0.21	0.83	0.28	0.36	0.29	0.70
		CI (95%)	0.44	0.63	0.41	1.00	0.24	0.96	0.33	0.42	0.34	0.82
		mean	1.23	1.45	1.08	2.54	0.54	2.60	0.68	1.04	0.79	1.71
		Std. Dev.	1.39	1.41	0.85	2.67	0.35	2.09	0.69	0.78	0.74	1.82
		LoD	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
N	24	28	26	20	28	21	27	25	18	18		
N<LoD	11	9	11	7	18	1	18	10	9	7		
CI (90%)	0.59	0.55	0.34	1.25	0.14	0.95	0.27	0.32	0.37	0.91		
CI (95%)	0.68	0.63	0.40	1.45	0.16	1.10	0.31	0.37	0.43	1.05		

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Styrene	AQMD	mean	1.09	0.28	0.15	0.36	0.15	0.25	0.22	0.18	0.23	0.26	
		Std. Dev.	1.96	0.44	0.12	0.25	0.10	0.17	0.23	0.14	0.17	0.27	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	7	9	11	0	9	1	8	9	5	6	
		CI (90%)	0.79	0.17	0.05	0.11	0.04	0.07	0.09	0.05	0.07	0.14	
		CI (95%)	0.92	0.20	0.05	0.13	0.04	0.09	0.10	0.06	0.09	0.16	
		mean	0.05	0.08	0.31	--	0.10	0.05	0.16	0.09	--	--	
		Std. Dev.	0.00	0.08	0.54	--	0.10	--	0.19	0.09	--	--	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
o-Xylene	AQMD	N	3	7	6	0	8	1	7	5	0	0	
		N<LoD	3	6	3	--	6	1	5	4	0	--	
		CI (90%)	0.00	0.08	0.56	--	0.08	--	0.17	0.12	--	--	
		CI (95%)	0.00	0.09	0.69	--	0.10	--	0.21	0.15	--	--	
		mean	0.51	0.76	0.60	1.08	0.43	1.14	0.44	0.64	0.50	0.66	
		Std. Dev.	0.33	0.47	0.31	0.61	0.22	0.62	0.25	0.32	0.24	0.50	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	24	17	
		N<LoD	1	0	0	0	1	0	1	0	0	1	
		CI (90%)	0.13	0.18	0.12	0.28	0.08	0.27	0.09	0.12	0.10	0.26	
CI (95%)	0.15	0.21	0.14	0.32	0.09	0.31	0.11	0.14	0.12	0.30			
ARB	ARB	mean	0.46	0.51	0.43	0.71	0.25	0.70	0.30	0.37	0.31	0.50	
		Std. Dev.	0.52	0.39	0.32	0.76	0.19	0.48	0.31	0.25	0.27	0.48	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	25	28	26	21	26	21	26	25	18	18	
		N<LoD	9	4	6	5	8	0	10	5	7	7	
		CI (90%)	0.21	0.15	0.13	0.35	0.08	0.22	0.12	0.10	0.13	0.24	
		CI (95%)	0.25	0.18	0.15	0.40	0.09	0.25	0.14	0.12	0.16	0.28	

Table 1. Ambient Concentrations (ppb) of Organic Gases at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site												
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI			
p-Dichlorobenzene	AQMD	mean	0.11	0.16	0.15	0.24	0.12	0.36	0.10	0.13	0.10	0.13	0.10	0.13	
		Std. Dev.	0.08	0.13	0.14	0.15	0.10	0.28	0.07	0.11	0.11	0.11	0.11	0.09	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	26	28	29	21	30	23	30	29	29	24	24	17	
		N<LoD	15	12	13	3	17	2	18	16	16	17	17	9	
		CI (90%)	0.03	0.05	0.05	0.07	0.04	0.12	0.03	0.04	0.04	0.05	0.05	0.05	0.05
		CI (95%)	0.04	0.06	0.06	0.08	0.04	0.14	0.03	0.05	0.05	0.06	0.06	0.06	
o-Dichlorobenzene	AQMD	mean	0.07	0.06	0.06	0.07	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.07	
		Std. Dev.	0.06	0.03	0.03	0.08	0.03	0.08	0.04	0.03	0.03	0.05	0.05	0.05	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	26	28	29	21	30	23	30	29	29	24	24	17	
		N<LoD	24	25	28	19	28	20	28	28	28	22	22	15	
		CI (90%)	0.02	0.01	0.01	0.04	0.01	0.03	0.01	0.01	0.01	0.02	0.02	0.03	0.03
		CI (95%)	0.03	0.01	0.01	0.04	0.01	0.04	0.02	0.01	0.01	0.03	0.03	0.03	

Table 2. Ambient Concentrations (ppb) of Carbonyls at the Fixed Monitoring Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Formaldehyde	AQMD & ARB	mean	3.72	5.27	3.88	4.80	3.70	3.11	3.23	4.31	4.20	2.71	
		Std. Dev.	1.93	2.88	2.63	2.41	2.38	3.10	1.80	2.34	2.64	1.49	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		N	52	55	51	41	59	50	62	53	50	40	
		N<LoD	1	0	0	0	0	9	0	0	0	1	
		CI (90%)	0.54	0.78	0.74	0.76	0.62	0.88	0.46	0.65	0.75	0.48	
CI (95%)	0.62	0.90	0.85	0.88	0.71	1.01	0.52	0.74	0.86	0.55			
Acetaldehyde	AQMD & ARB	mean	1.60	2.35	1.77	1.99	1.85	1.32	1.32	2.13	1.98	1.10	
		Std. Dev.	0.96	1.41	1.25	1.26	1.54	1.28	0.94	1.62	1.49	0.69	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	51	55	51	41	59	50	62	52	49	40	
		N<LoD	1	0	0	0	1	9	0	0	1		
		CI (90%)	0.27	0.38	0.35	0.40	0.40	0.36	0.24	0.45	0.43	0.22	
CI (95%)	0.31	0.44	0.40	0.46	0.46	0.42	0.27	0.52	0.49	0.25			
Acetone	AQMD	mean	1.85	2.75	1.95	1.95	2.79	1.82	1.15	2.14	3.15	1.36	
		Std. Dev.	1.81	2.30	1.71	1.82	2.09	2.43	0.78	2.43	2.36	1.15	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	27	26	27	20	30	24	28	28	25	19	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	0.72	0.93	0.68	0.85	0.78	1.03	0.30	0.94	0.97	0.56	
CI (95%)	0.83	1.08	0.78	0.99	0.90	1.19	0.35	1.09	1.13	0.65			
Methyl Ethyl Ketone	AQMD & ARB	mean	0.37	0.56	0.29	0.40	0.35	0.25	0.28	0.38	0.41	0.24	
		Std. Dev.	0.34	0.47	0.30	0.38	0.31	0.30	0.31	0.37	0.35	0.23	
		LoD	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
		N	46	47	43	41	50	46	54	46	46	40	
		N<LoD	9	1	14	9	8	14	14	9	6	12	
		CI (90%)	0.10	0.14	0.09	0.12	0.09	0.09	0.08	0.11	0.10	0.08	
CI (95%)	0.12	0.16	0.11	0.14	0.10	0.10	0.10	0.13	0.12	0.09			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Aluminum	AQMD	mean	794	840	685	869	1343	728	625	769	1834	965	
		Std. Dev.	485	506	551	645	897	408	458	491	828	584	
		LoD	60	60	60	60	60	60	60	60	60	60	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	2	2	5	3	3	2	4	4	1	1	
		CI (90%)	200	237	238	321	408	181	185	198	377	281	
		CI (95%)	232	275	276	374	474	210	214	229	438	327	
		mean	1875	1400	1295	1885	2276	1569	1204	1641	2853	1605	
		Std. Dev.	1029	564	603	1064	1258	577	689	454	1210	767	
		LoD	6	6	6	6	6	6	6	6	6	6	
Antimony	AQMD	N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	482	223	234	484	589	270	257	251	566	359	
		CI (95%)	560	258	271	563	685	314	298	294	658	417	
		mean	9.5	9.5	9.5	9.5	9.5	9.5	9.5	50.2	9.5	9.5	
		Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.2	0.0	0.0	
		LoD	19	19	19	19	19	19	19	19	19	19	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	25	20	23	18	21	22	26	23	21	19	
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.2	0.0	0.0	
CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.4	0.0	0.0			
ARB	ARB	mean	4.3	4.6	4.6	4.9	3.0	4.3	3.1	9.2	3.2	4.8	
		Std. Dev.	3.2	2.8	2.8	3.7	1.5	3.3	1.8	18.0	2.1	3.4	
		LoD	6	6	6	6	6	6	6	6	6	6	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	1.5	1.1	1.1	1.7	0.7	1.6	0.7	10.0	1.0	1.6	
		CI (95%)	1.8	1.3	1.3	2.0	0.8	1.8	0.8	11.7	1.1	1.8	

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site														
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI					
Arsenic	AQMD	mean	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
		Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		LoD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		N	25	20	23	18	21	22	26	26	26	21	19	19	19	19	19
		N<LoD	25	20	23	18	21	22	26	26	26	21	19	19	19	19	19
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		mean	1.5	1.5	1.5	1.9	1.9	1.8	1.5	1.5	1.6	1.7	1.5	1.5	1.5	1.5	1.5
		Std. Dev.	0.0	0.0	0.0	0.9	1.0	0.7	0.0	0.0	0.4	0.6	0.0	0.0	0.4	0.6	0.0
		LoD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N	20	27	28	21	20	20	30	30	15	20	20	20	15	20	20		
N<LoD	20	27	28	18	17	17	30	30	14	18	20	20	14	18	20		
CI (90%)	0.0	0.0	0.0	0.4	0.5	0.3	0.0	0.0	0.2	0.3	0.0	0.0	0.2	0.3	0.0		
CI (95%)	0.0	0.0	0.0	0.5	0.5	0.4	0.0	0.0	0.3	0.3	0.0	0.0	0.3	0.3	0.0		
Barium	AQMD	mean	46.1	42.2	49.9	54.5	49.2	98.9	35.9	42.6	48.6	43.6	43.6	48.6	48.6	43.6	
		Std. Dev.	65.4	37.8	36.8	52.0	46.7	166.9	34.1	60.3	44.4	40.7	40.7	44.4	44.4	40.7	
		LoD	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
		N	25	20	23	18	21	22	26	26	26	21	19	19	21	19	
		N<LoD	16	10	8	7	9	8	15	15	15	10	10	10	10	10	
		CI (90%)	27.0	17.7	15.9	25.9	21.2	74.0	13.8	24.4	20.2	20.2	19.6	19.6	20.2	19.6	
		CI (95%)	31.3	20.6	18.5	30.2	24.7	85.9	16.0	28.2	23.5	23.5	22.8	22.8	23.5	22.8	
		mean	59.3	60.2	62.9	71.6	58.2	75.9	41.4	58.3	59.8	59.8	59.5	59.5	59.8	59.5	
		Std. Dev.	38.9	33.4	38.3	52.3	28.7	42.8	26.6	26.0	28.9	28.9	35.9	35.9	28.9	35.9	
		LoD	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
N	20	27	28	21	20	20	30	30	15	20	20	20	15	20			
N<LoD	3	3	5	2	3	0	8	8	2	2	2	2	2	2			
CI (90%)	18	13.2	14.9	23.8	13.4	20.1	9.9	14.4	14.4	13.5	16.8	16.8	14.4	13.5			
CI (95%)	21	15.3	17.2	27.7	15.6	23.3	11.5	16.8	16.8	15.7	19.5	19.5	16.8	15.7			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Bromine	AQMD	mean	13.2	13.6	13.6	15.0	12.8	15.5	16.0	11.9	15.7	16.4	
		Std. Dev.	6.4	6.2	5.8	7.1	6.7	5.8	6.9	5.8	7.9	6.4	
		LoD	1	1	1	1	1	1	1	1	1	1	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	0	0	1	0	1	0	0	0	1	0	
		CI (90%)	2.7	2.9	2.5	3.5	3.0	2.6	2.8	2.4	3.6	3.1	
CI (95%)	3.1	3.4	2.9	4.1	3.5	3.0	3.2	2.7	4.2	3.6			
ARB	ARB	mean	9.8	8.1	8.4	10.5	7.6	11.9	8.6	10.1	10.6	10.3	
		Std. Dev.	5.7	2.8	3.9	4.1	4.3	5.0	3.4	4.2	5.4	3.8	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	1	0	1	0	1	0	0	0	1	0	
		CI (90%)	2.7	1.1	1.5	1.9	2.0	2.3	1.3	2.3	2.5	1.8	
CI (95%)	3.1	1.3	1.7	2.2	2.3	2.7	1.5	2.7	2.9	2.1			
Cadmium	AQMD	mean	5.0	14.4	5.0	5.0	5.0	5.0	5.0	6.6	5.0	5.0	
		Std. Dev.	0.0	42.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
		LoD	10	10	10	10	10	10	10	10	10	10	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	25	19	23	18	21	22	26	24	21	19	
		CI (90%)	0.0	19.6	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	
CI (95%)	0.0	22.8	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Calcium	AQMD	mean	1858	1879	1657	1993	4143	2117	1381	1773	5952	1767	
		Std. Dev.	1084	1481	1012	2173	3399	1284	1296	1246	5520	1054	
		LoD	12	12	12	12	12	12	12	12	12	12	12
		N	25	20	23	18	21	22	26	26	26	21	19
		N<LoD	0	1	0	0	0	0	0	0	1	2	0
		CI (90%)	448	693	438	1081	1547	569	524	503	503	2513	508
		CI (95%)	518	806	508	1259	1797	661	606	583	583	2919	591
		mean	1433	1270	1196	1393	2483	1409	959	1412	1412	4276	1377
		Std. Dev.	800	460	581	753	1396	607	478	439	439	2444	659
		LoD	3	3	3	3	3	3	3	3	3	3	3
N	20	27	28	21	20	20	30	15	15	20	20		
N<LoD	0	0	0	0	0	0	0	0	0	0	0		
CI (90%)	374	182	225	343	653	284	178	243	243	1144	308		
CI (95%)	435	210	261	398	760	330	206	284	284	1330	359		
Chlorine	AQMD	mean	1032	906	1141	1475	1058	1536	1747	958	876	1797	
		Std. Dev.	750	565	738	773	909	1043	933	734	641	1117	
		LoD	13	13	13	13	13	13	13	13	13	13	13
		N	25	20	23	18	21	22	26	26	26	21	19
		N<LoD	0	0	1	0	0	0	0	1	1	1	0
		CI (90%)	310	264	319	384	414	462	377	296	296	292	539
		CI (95%)	359	307	370	448	481	537	436	343	343	339	627
		mean	1723	1351	1522	2093	1462	2323	2061	1949	1949	1531	2155
		Std. Dev.	2154	1290	1710	1727	1833	1823	1912	2207	2207	1955	1481
		LoD	7	7	7	7	7	7	7	7	7	7	7
N	20	27	28	21	20	20	30	15	15	20	20		
N<LoD	0	0	0	0	0	0	0	0	0	0	0		
CI (90%)	1008	510	663	786	858	853	714	1222	1222	915	693		
CI (95%)	1172	591	767	913	998	992	825	1430	1430	1064	806		

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Chromium	AQMD	mean	1.3	1.8	1.0	1.8	4.1	4.8	1.5	3.6	1.6	1.9	
		Std. Dev.	1.6	2.6	0.0	2.2	4.6	8.0	1.7	4.2	2.0	2.6	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	24	18	23	16	13	16	24	17	19	17	
		CI (90%)	0.7	1.2	0.0	1.1	2.1	3.5	0.7	1.7	0.9	1.3	
		CI (95%)	0.8	1.4	0.0	1.3	2.4	4.1	0.8	2.0	1.1	1.5	
		mean	5.2	6.1	6.2	9.0	10.1	13.2	4.4	9.1	7.0	6.4	
		Std. Dev.	3.3	2.9	3.8	6.7	5.6	11.1	3.4	4.9	3.2	5.0	
		LoD	2	2	2	2	2	2	2	2	2	2	
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	2	0	2	1	2	0	5	0	0	1			
CI (90%)	1.5	1.2	1.5	3.0	2.6	5.2	1.3	2.7	1.5	2.3			
CI (95%)	1.8	1.3	1.7	3.5	3.1	6.0	1.5	3.2	1.8	2.7			
Hexavalent Chromium	AQMD	mean	0.18	0.27	0.17	0.23	0.16	0.27	0.20	0.15	0.30	0.21	
		Std. Dev.	0.11	0.15	0.09	0.12	0.07	0.21	0.10	0.09	0.17	0.15	
		LoD	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
		N	20	16	18	18	18	20	19	19	19	20	
		N<LoD	0	0	1	0	0	2	1	2	1	0	
		CI (90%)	0.05	0.08	0.04	0.06	0.03	0.10	0.05	0.04	0.08	0.07	
		CI (95%)	0.06	0.09	0.05	0.07	0.04	0.11	0.06	0.00	0.10	0.08	
		mean	0.17	0.20	0.11	0.22	0.10	0.17	0.11	0.10	0.22	0.14	
		Std. Dev.	0.18	0.17	0.05	0.26	0.00	0.15	0.04	0.02	0.16	0.11	
		LoD	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
N	24	29	30	21	29	23	33	25	23	21			
N<LoD	21	20	29	16	29	18	30	24	12	18			
CI (90%)	0.08	0.06	0.02	0.12	0.00	0.07	0.01	0.01	0.07	0.05			
CI (95%)	0.09	0.07	0.02	0.14	0.00	0.08	0.02	0.01	0.08	0.06			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site														
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI					
Cobalt	AQMD	mean	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
		Std. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		LoD	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
		N	25	20	23	18	21	22	26	26	26	26	26	26	21	21	19
		N<LoD	25	20	23	18	21	22	26	26	26	26	26	26	21	21	19
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Copper	ARB	mean	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Std. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		LoD	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
		N	20	27	28	21	20	20	30	30	15	20	20	20	20	20	20
		N<LoD	20	27	28	21	20	20	30	30	15	20	20	20	20	20	20
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Copper	AQMD	mean	27.8	61.7	42.7	18.2	86.8	82.4	29.1	40.9	28.5	19.1	13.8				
		Std. Dev.	18.6	42.9	20.7	12.1	38.3	45.4	11.3	24.9	14.1	13.8	13.8				
		LoD	1	1	1	1	1	1	1	1	1	1	1				
		N	25	20	23	18	21	22	26	26	21	21	19				
		N<LoD	1	0	1	1	0	0	0	0	0	1	3				
		CI (90%)	7.7	20.1	8.9	6.0	17.4	20.1	4.6	10.0	6.4	6.4	6.7				
		CI (95%)	8.9	23.4	10.4	7.0	20.2	23.4	5.3	11.6	7.4	7.4	7.7				
Copper	ARB	mean	22.3	45.3	35.3	19.5	67.3	60.9	22.1	29.1	22.9	15.8					
		Std. Dev.	15.2	28.7	16.6	15.6	22.5	28.6	14.1	10.1	15.9	11.3					
		LoD	2	2	2	2	2	2	2	2	2	2					
		N	20	27	28	21	20	20	30	15	20	20					
		N<LoD	0	0	1	0	0	0	0	0	0	0					
		CI (90%)	7.1	11.3	6.4	7.1	10.5	13.4	5.3	5.6	7.4	7.4					
		CI (95%)	8.3	13.1	7.4	8.3	12.2	15.6	6.1	6.6	8.6	8.6					

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Gallium	AQMD	mean	3.5	3.2	3.2	1.8	3.4	3.1	4.3	3.6	2.1	2.2	
		Std. Dev.	3.5	3.6	3.1	1.4	4.8	3.1	3.8	3.9	2.0	2.2	
		LoD	3	3	3	3	3	3	3	3	3	3	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	18	16	17	17	17	17	16	19	19	17	
		CI (90%)	1.4	1.7	1.3	0.7	2.2	1.4	1.5	1.6	1.6	0.9	1.0
CI (95%)	1.7	2.0	1.5	0.8	2.5	1.6	1.8	1.8	1.8	1.1	1.2		
Indium	AQMD	mean	6.5	6.5	6.5	6.5	6.5	6.5	6.5	8.9	6.5	6.5	
		Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	
		LoD	11	11	11	11	11	11	11	11	11	11	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	
CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0			
Iron	AQMD	mean	1380	1599	1324	1568	2968	1657	1157	2154	3044	1648	
		Std. Dev.	859	960	800	984	1718	850	811	1135	1778	926	
		LoD	8	8	8	8	8	8	8	8	8	8	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	0	0	1	0	0	0	0	1	1	0	
		CI (90%)	355	449	346	489	782	377	328	459	809	446	
CI (95%)	411	522	401	570	909	438	379	531	940	519			
Iron	ARB	mean	1591	1371	1367	1738	2190	1615	1042	2337	2299	1403	
		Std. Dev.	1006	528	684	1072	1226	733	585	1995	1005	715	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	471	209	265	488	574	343	218	1105	470	335	
CI (95%)	547	242	307	567	667	399	252	1292	547	389			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site														
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI					
Lanthanum	AQMD	mean	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	
		Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		LoD	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
		N	25	20	23	18	21	22	26	26	26	21	21	21	21	21	19
		N<LoD	25	20	23	18	21	22	25	26	26	21	21	21	21	21	19
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Lead	AQMD	mean	29.3	30.6	26.8	19.8	34.3	65.4	20.7	35.0	30.6	18.6					
		Std. Dev.	48.9	22.1	16.0	14.5	25.3	107.0	14.3	36.9	20.6	11.9					
		LoD	1	1	1	1	1	1	1	1	1	1					
		N	25	20	23	18	21	22	26	26	21	19					
		N<LoD	2	0	1	1	0	0	1	1	1	1					
		CI (90%)	20.2	10.3	6.9	7.2	11.5	47.4	5.8	14.9	9.4	5.7					
CI (95%)	23.4	12.0	8.0	8.4	13.4	55.0	6.7	17.3	10.9	6.7							
Magnesium	AQMD	mean	11.8	17.4	19.8	22.9	20.7	32.5	12.8	24.8	18.5	15.4					
		Std. Dev.	8.9	7.0	10.2	15.8	10.2	16.6	7.2	14.1	16.2	8.8					
		LoD	3	3	3	3	3	3	3	3	3	3					
		N	20	27	28	21	20	20	30	15	20	20					
		N<LoD	0	0	0	0	0	0	0	0	0	0					
		CI (90%)	4.1	2.8	4.0	7.2	4.8	7.8	2.7	7.8	7.6	4.1					
CI (95%)	4.8	3.2	4.6	8.3	5.6	9.0	3.1	9.1	8.8	4.8							
Magnesium	AQMD	mean	159	137	101	184	196	176	157	125	277	222					
		Std. Dev.	228	93	109	180	113	211	218	119	123	265					
		LoD	67	67	67	67	67	67	67	67	67	67					
		N	25	20	23	18	21	22	26	26	21	19					
		N<LoD	12	7	15	6	5	9	12	14	2	5					
		CI (90%)	94	44	47	89	51	94	88	48	56	128					
CI (95%)	109	51	55	104	60	109	102	55	65	149							

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Manganese	AQMD	mean	16.7	18.0	15.1	22.1	74.1	23.2	15.6	27.1	55.4	24.7	
		Std. Dev.	14.7	14.8	12.6	18.5	47.8	16.9	16.4	18.9	35.5	23.2	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	8	4	5	4	1	3	7	2	1	4	
		CI (90%)	6.1	6.9	5.4	9.2	21.8	7.5	6.6	7.6	7.6	16.2	11.2
		CI (95%)	7.0	8.1	6.3	10.7	25.3	8.7	7.7	8.8	8.8	18.8	13.0
		mean	26.9	20.7	22.1	31.0	65.6	29.0	20.9	34.3	47.3	24.1	
		Std. Dev.	16.5	8.1	11.6	18.8	39.0	14.5	13.7	15.4	21.1	13.0	
		LoD	2	2	2	2	2	2	2	2	2	2	
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	0	0	1	0	0	0	0	0	0	0			
CI (90%)	7.7	3.2	4.5	8.5	18.2	6.8	5.1	8.5	9.9	6.1			
CI (95%)	9.0	3.7	5.2	9.9	21.2	7.9	5.9	10.0	11.5	7.1			
Mercury	AQMD	mean	--	--	--	--	--	--	--	--	--	--	
		Std. Dev.	--	--	--	--	--	--	--	--	--	--	
		LoD	--	--	--	--	--	--	--	--	--	--	
		N	0	0	0	0	0	0	0	0	0	0	
		N<LoD	--	--	--	--	--	--	--	--	--	--	
		CI (90%)	--	--	--	--	--	--	--	--	--	--	
		CI (95%)	--	--	--	--	--	--	--	--	--	--	
		mean	1.6	1.6	1.5	1.6	1.7	2.5	1.5	1.6	1.8	1.6	
		Std. Dev.	0.6	0.3	0.0	0.3	0.8	2.5	0.0	0.4	0.8	0.6	
		LoD	3	3	3	3	3	3	3	3	3	3	
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	19	26	28	20	19	16	30	14	17	19			
CI (90%)	0.3	0.1	0.0	0.1	0.4	1.2	0.0	0.2	0.4	0.3			
CI (95%)	0.3	0.1	0.0	0.2	0.4	1.4	0.0	0.3	0.4	0.3			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Molybdenum	AQMD	mean	12.5	14.7	9.4	4.8	14.8	16.3	15.4	13.3	9.3	6.4	
		Std. Dev.	12.7	16.7	11.9	7.9	15.7	15.1	17.7	13.9	13.9	10.7	
		LoD	1	1	1	1	1	1	1	1	1	1	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	9	8	10	10	3	5	10	8	9	11	
		CI (90%)	5.3	7.8	5.2	3.9	7.2	6.7	7.1	5.6	6.3	5.2	
		CI (95%)	6.1	9.1	6.0	4.6	8.3	7.8	8.3	6.5	7.4	6.0	
		mean	2.3	2.0	2.0	2.7	2.0	3.4	2.2	2.4	2.0	2.6	
		Std. Dev.	0.8	0.0	0.0	1.7	0.0	2.6	0.9	0.8	0.0	2.5	
		LoD	3	3	3	3	3	3	3	3	3	3	
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	0	0	0	0	0	0	0	0	0	0			
CI (90%)	0.4	0.0	0.0	0.8	0.0	1.2	0.3	0.5	0.0	1.2			
CI (95%)	0.4	0.0	0.0	0.9	0.0	1.4	0.4	0.5	0.0	1.3			
Nickel	AQMD	mean	8.4	9.0	8.6	9.9	12.0	14.2	10.3	16.1	11.0	13.9	
		Std. Dev.	4.8	5.5	5.7	7.2	5.7	8.8	5.3	28.6	5.9	6.6	
		LoD	1	1	1	1	1	1	1	1	1	1	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	1	0	1	0	0	0	1	1	1	0	
		CI (90%)	2.0	2.6	2.5	3.6	2.6	3.9	2.1	11.5	2.7	3.2	
		CI (95%)	2.3	3.0	2.8	4.2	3.0	4.6	2.5	13.4	3.1	3.7	
		mean	5.9	4.3	6.3	7.6	5.1	9.0	5.8	6.3	4.1	6.7	
		Std. Dev.	3.8	2.2	7.1	4.1	2.7	5.9	4.0	2.9	2.1	3.5	
		LoD	2	2	2	2	2	2	2	2	2	2	
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	2	4	4	0	2	1	2	1	3	1			
CI (90%)	1.8	0.9	2.8	1.9	1.3	2.7	1.5	1.6	1.0	1.7			
CI (95%)	2.1	1.0	3.2	2.2	1.5	3.2	1.7	1.9	1.1	1.9			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Palladium	AQMD	mean	6.5	7.5	7.6	6.5	7.3	6.5	6.5	7.5	7.4	6.5	
		Std. Dev.	0.0	4.3	5.2	0.0	3.6	0.0	0.0	5.1	4.0	0.0	
		LoD	11	11	11	11	11	11	11	11	11	11	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	0.0	2.0	2.2	0.0	1.6	0.0	0.0	2.0	1.8	0.0	
		CI (95%)	0.0	2.3	2.6	0.0	1.9	0.0	0.0	2.4	2.1	0.0	
Phosphorous	AQMD	mean	6.5	6.5	8.9	14.1	51.6	9.2	6.5	6.5	171.3	6.5	
		Std. Dev.	0.0	0.0	11.3	22.2	92.0	12.8	0.0	0.0	163.4	0.0	
		LoD	13	13	13	13	13	13	13	13	13	13	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	25	20	22	16	15	21	26	26	7	19	
		CI (90%)	0.0	0.0	4.9	11.0	41.9	5.7	0.0	0.0	74.4	0.0	
		CI (95%)	0.0	0.0	5.7	12.8	48.7	6.6	0.0	0.0	86.4	0.0	
ARB	ARB	mean	63.8	63.7	60.2	82.0	106.1	83.0	50.4	73.7	219.9	64.2	
		Std. Dev.	29.9	17.9	25.3	44.4	59.2	32.3	20.7	20.1	130.0	25.6	
		LoD	20	20	20	20	20	20	20	20	20	20	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	14.0	7.1	9.8	20.2	27.7	15.1	7.7	11.1	60.8	12.0	
		CI (95%)	16.3	8.2	11.4	23.5	32.2	17.6	8.9	13.0	70.7	14.0	

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Potassium	AQMD	mean	1038	758	615	807	1374	1391	694	1042	1996	800	
		Std. Dev.	1094	393	394	476	932	2145	434	981	1241	409	
		LoD	11	11	11	11	11	11	11	11	11	11	11
		N	25	20	23	18	21	22	26	26	26	21	19
		N<LoD	0	0	1	0	0	0	0	0	1	1	0
		CI (90%)	452	184	170	237	424	951	175	396	565	197	
		CI (95%)	523	214	198	276	493	1104	203	459	656	229	
ARB	ARB	mean	756	579	530	751	846	649	495	680	1366	653	
		Std. Dev.	383	170	203	387	439	209	200	154	656	253	
		LoD	5	5	5	5	5	5	5	5	5	5	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	179	67	79	176	205	98	75	85	307	118	
		CI (95%)	208	78	91	205	239	114	86	99	357	137	
Rubidium	AQMD	mean	3.3	2.7	2.0	2.6	6.1	3.0	2.1	2.6	8.3	2.6	
		Std. Dev.	2.8	2.7	1.9	2.8	4.6	2.4	2.2	2.6	6.2	2.8	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	14	14	18	13	6	12	20	18	7	14	
		CI (90%)	1.2	1.3	0.8	1.4	2.1	1.1	0.9	1.0	2.8	1.3	
		CI (95%)	1.4	1.5	0.9	1.6	2.4	1.2	1.0	1.2	3.3	1.6	
ARB	ARB	mean	3.8	2.4	2.3	3.4	3.8	2.5	2.1	2.8	5.6	2.8	
		Std. Dev.	2.2	1.2	1.3	2.1	2.0	1.4	1.2	0.9	2.5	1.5	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	2	9	12	4	4	6	15	2	1	6	
		CI (90%)	1.0	0.5	0.5	0.9	0.9	0.7	0.5	0.5	1.2	0.7	
		CI (95%)	1.2	0.5	0.6	1.1	1.1	0.8	0.5	0.6	1.3	0.8	

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Selenium	AQMD	mean	1.5	2.3	3.0	2.2	2.0	4.9	2.1	3.5	1.4	2.2	
		Std. Dev.	1.0	1.9	2.5	2.9	1.8	6.3	1.9	3.1	1.4	3.2	
		LoD	1	1	1	1	1	1	1	1	1	1	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	12	8	7	11	11	10	12	8	14	12	
		CI (90%)	0.4	0.9	1.1	1.5	0.8	2.8	0.8	1.2	0.6	1.5	
		CI (95%)	0.5	1.0	1.2	1.7	1.0	3.3	0.9	1.4	0.7	1.8	
		mean	1.1	1.1	1.4	1.7	1.1	2.3	1.3	2.3	1.0	1.2	
		Std. Dev.	0.2	0.5	0.9	1.4	0.3	2.1	0.7	1.8	0.0	0.9	
		LoD	2	2	2	2	2	2	2	2	2	2	
Silicon	AQMD	mean	2819	2529	2149	2946	4136	2735	2318	2439	5369	3614	
		Std. Dev.	3398	1618	1510	1937	2789	2647	2523	1903	2836	3248	
		LoD	64	64	64	64	64	64	64	64	64	64	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	1	0	1	0	1	1	0	1	1	0	
		CI (90%)	1403	757	653	963	1269	1174	1019	769	1291	1566	
		CI (95%)	1625	881	757	1122	1475	1362	1180	890	1500	1822	
		mean	4952	3694	3456	4835	5526	3996	3019	4029	7074	4176	
		Std. Dev.	2858	1448	1635	2818	3084	1582	1638	1144	2954	1978	
		LoD	5	5	5	5	5	5	5	5	5	5	
ARB	ARB	N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	1337	573	634	1283	1443	740	612	634	1382	926	
		CI (95%)	1555	663	733	1490	1678	861	707	741	1607	1076	

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site														
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI					
Silver	AQMD	mean	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
		Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		LoD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		N	25	20	23	18	21	22	26	26	26	21	19	19	19	19	19
		N<LoD	25	20	23	18	21	22	26	26	26	21	19	19	19	19	19
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Strontium	AQMD	mean	250	231	225	205	301	357	179	202	413	203	203				
		Std. Dev.	208	127	127	132	185	384	103	151	246	120	120				
		LoD	3	3	3	3	3	3	3	3	3	3	3				
		N	25	20	23	18	21	22	26	26	21	19	19				
		N<LoD	0	0	1	0	0	0	0	0	0	1	0				
		CI (90%)	86	60	55	65	84	170	41	61	61	112	58				
CI (95%)	99	69	64	76	98	197	48	71	71	130	67						
ARB	ARB	mean	20.2	14.3	16.6	19.3	16.1	20.8	13.1	15.8	28.0	14.9	14.9				
		Std. Dev.	12.0	5.3	8.1	10.8	8.1	10.6	6.3	4.8	19.1	5.9	5.9				
		LoD	2	2	2	2	2	2	2	2	2	2	2				
		N	20	27	28	21	20	20	30	15	20	20	20				
		N<LoD	0	0	1	0	0	0	0	0	0	0	0				
		CI (90%)	5.6	2.1	3.1	4.9	3.8	5.0	2.4	2.7	8.9	2.8	2.8				
CI (95%)	6.5	2.4	3.6	5.7	4.4	5.8	2.7	3.1	10.4	3.2	3.2						

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Sulfur	AQMD	mean	1452	1437	1269	1157	1217	1702	1493	1212	1446	1506	
		Std. Dev.	1081	965	884	821	879	1197	933	888	922	907	
		LoD	32	32	32	32	32	32	32	32	32	32	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	0	0	1	0	1	0	0	1	1	0	
		CI (90%)	446	452	382	408	400	531	377	359	420	437	
		CI (95%)	517	525	443	476	465	616	437	415	487	509	
		mean	1282	1126	1225	1214	924	1081	1312	1212	1028	1289	
		Std. Dev.	716	629	845	743	572	619	842	790	622	936	
		LoD	4	4	4	4	4	4	4	4	4	4	
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	0	0	0	0	0	0	0	0	0	0			
CI (90%)	335	249	328	338	268	290	314	437	291	438			
CI (95%)	389	288	379	393	311	337	363	512	338	510			
Tin	AQMD	mean	2.5	3.4	4.0	8.5	4.8	6.1	5.2	837.0	4.3	5.4	
		Std. Dev.	0.0	4.0	4.1	13.3	5.1	6.6	8.9	2490.4	4.8	5.6	
		LoD	5	5	5	5	5	5	5	5	5		
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	25	19	20	14	17	16	23	16	18	14	
		CI (90%)	0.0	1.9	1.8	6.6	2.3	2.9	3.6	1005.9	2.2	2.7	
		CI (95%)	0.0	2.2	2.1	7.7	2.7	3.4	4.2	1164.7	2.5	3.2	
		mean	4.3	4.9	5.1	12.3	7.0	10.1	4.9	114.5	3.8	4.7	
		Std. Dev.	3.0	3.2	3.7	14.7	6.2	9.2	6.3	352.6	3.7	4.9	
		LoD	5	5	5	5	5	5	5	5	5		
N	20	27	28	21	20	20	30	15	20	20			
N<LoD	0	0	0	0	0	0	0	0	0				
CI (90%)	1.4	1.2	1.4	6.7	2.9	4.3	2.4	195.3	1.7	2.3			
CI (95%)	1.7	1.4	1.7	7.8	3.4	5.0	2.7	228.5	2.0	2.7			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Titanium	AQMD	mean	85	100	43	144	174	85	61	152	222	68	
		Std. Dev.	99	109	71	148	160	101	82	128	183	92	
		LoD	4	4	4	4	4	4	4	4	4	4	
		N	25	21	23	18	21	22	26	26	21	19	
		N<LoD	12	9	16	6	7	11	14	5	5	11	
		CI (90%)	41	50	30	73	73	45	33	52	84	44	
		CI (95%)	47	58	35	86	85	52	38	60	97	52	
Uranium	ARB	mean	149	128	112	183	168	154	97	157	206	119	
		Std. Dev.	92	44	56	113	96	61	59	52	92	64	
		LoD	14	14	14	14	14	14	14	14	14	14	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	43	17	22	51	45	28	22	29	43	30	
		CI (95%)	50	20	25	60	52	33	25	34	50	35	
Titanium	AQMD	mean	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
		Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		LoD	6	6	6	6	6	6	6	6	6	6	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	25	20	23	18	21	22	26	26	21	19	
		CI (90%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		CI (95%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Uranium	ARB	mean	1.0	1.2	1.0	1.2	1.0	1.0	1.0	1.1	1.1	1.0	
		Std. Dev.	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.5	0.0	
		LoD	3	3	3	3	3	3	3	3	3	3	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.3	0.1	
		CI (95%)	0.0	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.3	0.1	

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Vanadium	AQMD	mean	15.8	15.0	12.5	20.7	25.3	21.7	14.6	17.5	30.1	23.9	
		Std. Dev.	14.0	13.7	11.6	19.3	18.4	19.7	12.5	16.5	22.2	20.0	
		LoD	3	3	3	3	3	3	3	3	3	3	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	10	8	9	4	4	5	7	9	3	5	
		CI (90%)	5.8	6.4	5.0	9.6	8.4	8.7	5.0	6.7	10.1	9.6	
CI (95%)	6.7	7.5	5.8	11.2	9.7	10.1	5.8	7.7	11.8	11.2			
Yttrium	ARB	mean	9.3	6.1	7.4	12.4	7.8	6.9	13.4	8.1	9.5	15.9	
		Std. Dev.	5.8	2.8	4.6	7.8	4.2	4.1	9.8	3.5	4.9	10.4	
		LoD	6	6	6	6	6	6	6	6	6	6	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	0	0	0	0	0	0	0	0	
		CI (90%)	2.7	1.1	1.8	3.6	1.9	1.9	3.7	2.0	2.3	4.9	
CI (95%)	3.1	1.3	2.0	4.1	2.3	2.2	4.2	2.3	2.7	5.7			
Vanadium	AQMD	mean	2.0	2.0	1.3	1.0	2.8	3.0	2.0	2.3	2.7	1.4	
		Std. Dev.	2.0	2.0	1.4	1.2	2.0	3.4	2.1	2.0	2.0	1.4	
		LoD	1	1	1	1	1	1	1	1	1	1	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	14	10	17	15	7	9	14	12	8	13	
		CI (90%)	0.8	0.9	0.6	0.6	0.9	1.5	0.8	0.8	0.9	0.7	
CI (95%)	1.0	1.1	0.7	0.7	1.1	1.8	1.0	0.9	1.1	0.8			
Yttrium	ARB	mean	1.4	1.0	1.1	1.4	1.3	1.4	1.1	1.0	2.0	1.1	
		Std. Dev.	0.8	0.0	0.4	0.9	0.6	0.8	0.4	0.0	1.4	0.3	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	15	27	26	16	15	15	28	15	11	18	
		CI (90%)	0.4	0.0	0.2	0.4	0.3	0.4	0.2	0.0	0.6	0.1	
CI (95%)	0.4	0.0	0.2	0.5	0.3	0.4	0.2	0.0	0.7	0.2			

Table 3. Ambient Concentrations (ng/m³) of Particulate Matter at the Fixed Sites During the Period April 1998 to March 1999

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Zinc	AQMD	mean	78.8	108.0	102.4	102.6	155.8	155.7	93.4	184.0	136.1	115.2	
		Std. Dev.	41.7	65.6	59.0	69.2	82.8	90.6	51.3	348.7	69.4	67.4	
		LoD	1	1	1	1	1	1	1	1	1	1	
		N	25	20	23	18	21	22	26	26	21	19	
		N<LoD	0	0	1	0	0	0	0	1	1	0	
		CI (90%)	17.2	30.7	25.5	34.4	37.7	40.2	20.7	140.8	31.6	32.5	
		CI (95%)	19.9	35.7	29.6	40.1	43.8	46.6	24.0	163.1	36.7	37.8	
ARB	ARB	mean	75.0	72.6	77.3	107.7	98.7	115.2	77.8	111.5	90.8	87.7	
		Std. Dev.	40.8	59.1	41.5	95.6	42.7	70.6	56.1	57.4	77.2	70.8	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	0	0	1	0	0	0	0	0	0	0	
		CI (90%)	19.1	23.4	16.1	43.5	20.0	33.0	21.0	31.8	36.1	33.1	
		CI (95%)	22.2	27.0	18.6	50.5	23.2	38.4	24.2	37.2	42.0	38.5	
Zirconium	AQMD	mean	--	--	--	--	--	--	--	--	--	--	
		Std. Dev.	--	--	--	--	--	--	--	--	--	--	
		LoD	--	--	--	--	--	--	--	--	--	--	
		N	0	0	0	0	0	0	0	0	0	0	
		N<LoD	--	--	--	--	--	--	--	--	--	--	
		CI (90%)	--	--	--	--	--	--	--	--	--	--	
		CI (95%)	--	--	--	--	--	--	--	--	--	--	
ARB	ARB	mean	5.8	4.2	5.1	10.2	7.8	9.6	4.0	6.4	6.8	5.1	
		Std. Dev.	3.4	1.5	2.9	6.6	4.8	7.5	3.0	3.1	2.8	3.1	
		LoD	2	2	2	2	2	2	2	2	2	2	
		N	20	27	28	21	20	20	30	15	20	20	
		N<LoD	1	1	2	1	2	0	6	2	1	2	
		CI (90%)	1.6	0.6	1.1	3.0	2.2	3.5	1.1	1.7	1.3	1.4	
		CI (95%)	1.9	0.7	1.3	3.5	2.6	4.1	1.3	2.0	1.5	1.7	

Table 4. Ambient Carbon Concentrations ($\mu\text{g}/\text{m}^3$) at the Fixed Sites During the Period April 1998 to March 1999.

Pollutant	Agency	Statistic	Measurement Site										
			AN	BU	LA	CP	FO	HP	LB	PR	RU	WI	
Elemental carbon	AQMD	mean	2.30	3.18	3.53	N/A	3.10	4.53	2.54	4.35	3.39	N/A	
		st. dev.	1.46	1.82	1.92	N/A	1.72	2.43	1.74	2.24	2.00	N/A	
		N	58	53	59	N/A	59	46	58	38	62	N/A	
		CI (90%)	0.38	0.50	0.50	N/A	0.45	0.72	0.46	0.74	0.51	N/A	
		CI (95%)	0.44	0.58	0.57	N/A	0.51	0.83	0.53	0.85	0.58	N/A	
Organic carbon	AQMD	mean	4.78	5.92	6.08	N/A	6.36	8.15	4.57	8.03	7.42	N/A	
		st. dev.	2.18	2.69	2.63	N/A	2.94	4.37	2.28	3.20	3.12	N/A	
		N	58	53	59	N/A	59	46	58	38	62	N/A	
		CI (90%)	0.57	0.74	0.69	N/A	0.77	1.30	0.60	1.05	0.79	N/A	
		CI (95%)	0.66	0.85	0.79	N/A	0.88	1.49	0.69	1.21	0.91	N/A	
Total carbon	AQMD	mean	7.08	9.10	9.61	N/A	9.46	12.68	7.10	12.38	10.82	N/A	
		st. dev.	3.58	4.42	4.42	N/A	4.45	6.52	3.96	5.18	4.88	N/A	
		N	58	53	59	N/A	59	46	58	38	62	N/A	
		CI (90%)	0.94	1.22	1.15	N/A	1.16	1.94	1.04	1.70	1.24	N/A	
		CI (95%)	1.08	1.40	1.32	N/A	1.33	2.23	1.20	1.96	1.42	N/A	
PM10	AQMD	mean	37.02	38.51	41.24	N/A	54.17	54.70	33.64	61.95	66.19	N/A	
		st. dev.	14.88	13.93	17.01	N/A	26.33	18.05	13.73	22.36	29.24	N/A	
		N	58	53	59	N/A	59	46	58	38	62	N/A	
		CI (90%)	3.91	3.84	4.43	N/A	6.86	5.36	3.61	7.35	7.42	N/A	
		CI (95%)	4.50	4.42	5.10	N/A	7.89	6.17	4.15	8.47	8.53	N/A	