Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman
1001 I Street • P.O. Box 2815 • Sacramento, California 95812 • www.arb.ca.gov

Gray Davis
Governor

MEMORANDUM

TO: Jeff Cook, Chief
Quality Management Branch

THRU: Michael Miguel, Manager //s//
Quality Assurance Section

FROM: Warren G.H. Crécy, Jr. //s//
Air Pollution Specialist

DATE: September 19, 2003

SUBJECT: SB25 AMBIENT DATA REPORT

The Quality Assurance Section in conjunction with the Operations Planning and Assessment Section conducted a comparison of the ambient data collected from the four SB25 sites located in the Los Angeles (Boyle Heights and Wilmington) and San Francisco (Crockett and Oakland – Fruitvale) areas. The initial comparison looked at 16 metal compounds (aluminum, arsenic, calcium, chlorine, chromium, copper, iron, lead, manganese, nickel, potassium, selenium, silicon, sulfur, vanadium, and zinc) and seven PM10 constituents (ammonium, chloride, elemental carbon, mass, nitrate, potassium, and sulfate). The follow-up comparison added aromatic compounds (1,3-Butadiene, Benzene, Ethylbenzene, M/P-Xylene, O-Xylene, Styrene, and Toluene); carbonyls (Acetaldehyde, Formaldehyde, and Methyl Ethyl Ketone); and PAHs (Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene, and Ideno(1,2,3-cd)pyrene).

The comparison examined the monthly averages of the data collected between February 2001 and May 2003. With the data provided, there were numerous instances where the results were reported as less than the LOD. In these cases, half the LOD value was used in the calculations. The results of the comparisons are shown in the attached tables and graphs. It should be noted that none of the sites operated for the entire period noted above and that there were gaps in the data collected. The reasons for the missing data were not investigated.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: http://www.arb.ca.gov.

California Environmental Protection Agency

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If you have questions regarding this report, please contact me at (916) 324-2023.

Attachments

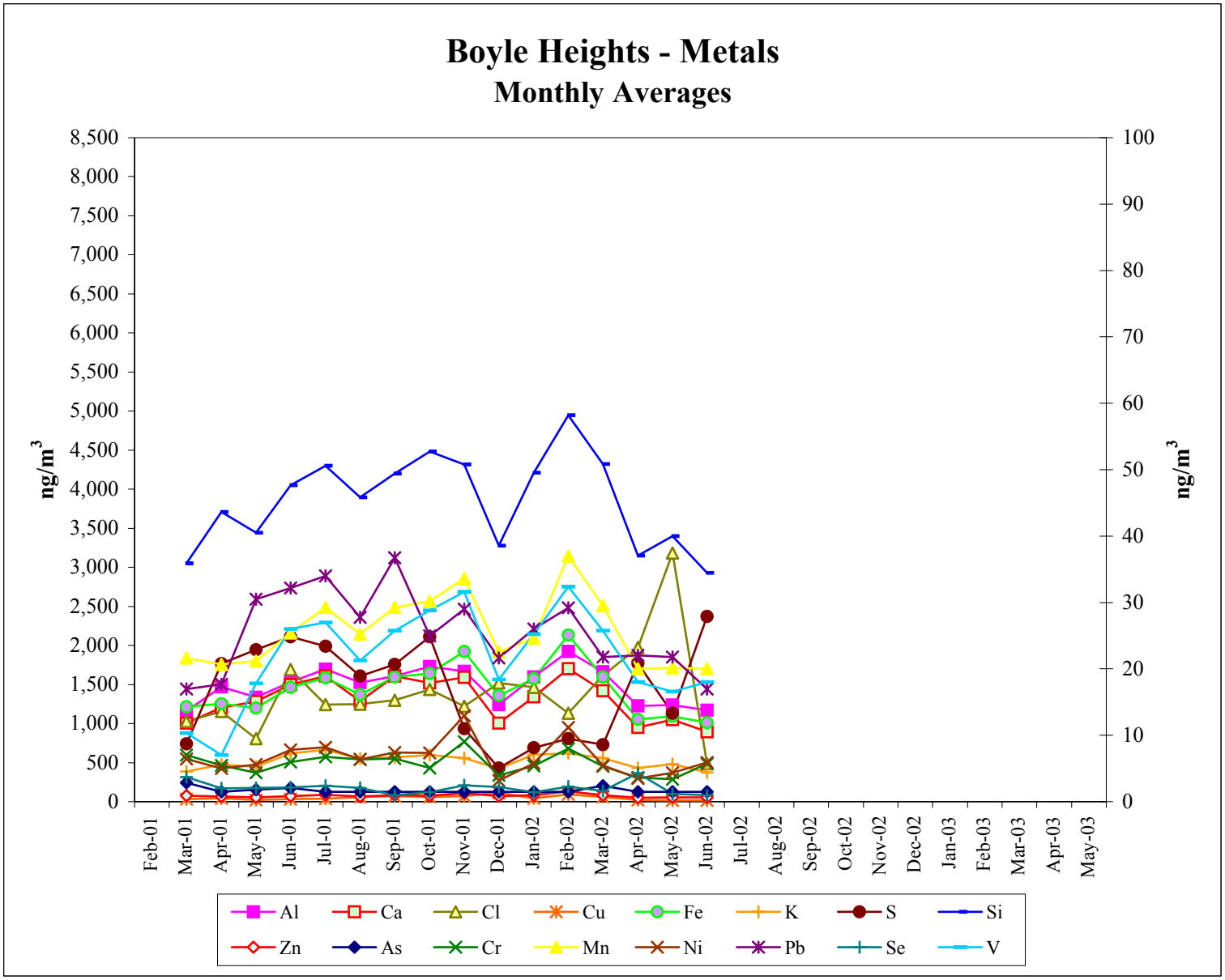
cc: Webster Tasat

Boyle Heights - Metals Monthly Avg (ng/m^3)														
Mon-Yr	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Al		1,160	1,468	1,335	1,531	1,694	1,524	1,607	1,730	1,669	1,241	1,595	1,922	1,663
As		2.8	1.5	1.8	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.4
Ca		1,004	1,206	1,282	1,498	1,608	1,286	1,610	1,520	1,590	1,005	1,342	1,704	1,419
Cl		1,028	1,157	807	1,689	1,245	1,252	1,298	1,439	1,221	1,520	1,467	1,132	1,612
Cr		7.0	5.4	4.4	6.0	6.7	6.4	6.5	5.1	9.0	4.0	5.4	8.0	5.4
Cu		33	46	23	31	36	61	71	63	75	117	46	96	59
Fe		1,215	1,255	1,202	1,467	1,587	1,373	1,596	1,643	1,924	1,361	1,578	2,134	1,596
Pb		17	18	31	32	34	28	37	25	29	22	26	29	22
Mn		21.7	20.7	21.2	25.4	29.3	25.3	29.3	30.2	33.6	22.6	24.7	37.0	29.5
Ni		6.5	5.0	5.6	7.8	8.2	6.4	7.4	7.4	13.0	3.2	5.8	11.2	5.5
K		389	478	446	620	661	553	567	595	557	428	605	621	557
Se		3.7	2.0	2.1	2.1	2.4	2.1	1.0	1.4	2.5	2.2	1.4	2.3	1.6
Si		3,051	3,708	3,446	4,052	4,302	3,897	4,202	4,480	4,316	3,277	4,211	4,948	4,322
S		742	1,768	1,945	2,113	1,988	1,610	1,759	2,113	935	429	689	807	730
V		10.3	7.0	17.8	26.0	27.0	21.3	25.8	28.8	31.6	18.4	25.3	32.4	25.8
Zn		75.0	66.0	53.8	72.6	85.8	64.8	85.0	75.8	111.8	72.6	82.5	134.6	83.3
Mon-Yr	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Al	1,228	1,235	1,169											
As	1.5	1.5	1.5											
Ca	951	1,051	898											
Cl	1,973	3,181	485											
Cr	3.6	3.4	5.7											
Cu	21	16	16											
Fe	1,056	1,095	1,011											
Pb	22	22	17											
Mn	20.0	20.2	20.0											
Ni	3.5	4.4	5.9											
K	432	483	375											
Se	4.3	1.2	1.0											
Si	3,149	3,398	2,930											
S	1,768	1,134	2,372											
V	18.0	16.6	18.0											
Zn	48.8	54.2	54.0											

Crockett - Metals Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Al									1,298	1,786	307	241	404	918
As									1.5	2.2	1.5	1.5	1.5	1.5
Ca									794	835	212	224	311	560
Cl									2,311	235	451	738	1,132	826
Cr									3.1	3.8	1.4	1.3	1.3	1.4
Cu									4.5	6.1	9.4	23.6	4.4	7.0
Fe									1,039	1,288	273	234	387	737
Pb									14.0	6.4	3.5	3.1	18.8	8.1
Mn									19.5	29.2	6.6	4.5	6.8	15.3
Ni									4.6	6.3	1.6	16.0	3.7	3.3
K									371	510	113	115	149	256
Se									1.0	2.4	1.0	1.0	1.0	1.3
Si									3,573	5,112	830	710	1,167	2,684
S									880	502	426	353	433	406
V									14.0	16.3	5.0	5.0	11.8	10.8
Zn									29.5	30.0	16.9	12.4	19.0	32.4
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Al	1,395	892	1,518	852	1,280	1,613	2,825	741	740		537			
As	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0		1.0			
Ca	759	548	945	598	967	998	1,408	818	565		537			
Cl	4,512	3,371	4,857	933	3,500	765	1,415	2,840	4,000		2,273			
Cr	2.2	2.8	3.6	1.5	3.3	4.8	4.8	2.3	3.0		2.0			
Cu	3.7	6.0	5.2	4.7	5.3	36.3	16.3	10.3	5.0		7.0			
Fe	976	648	1,096	695	1,030	1,310	2,150	810	620		590			
Pb	10.9	7.2	6.0	4.3	5.7	12.5	8.8	5.5	9.5		2.7			
Mn	20.8	14.1	24.3	13.5	22.3	26.3	48.0	17.3	12.5		10.7			
Ni	2.3	2.9	2.9	2.3	3.7	7.5	5.3	6.7	5.7		3.0			
K	451	301	485	272	443	405	880	303	420		230			
Se	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	2.0		1.0			
Si	3,983	2,485	4,340	2,500	3,800	4,675	8,350	2,397	2,300		1,867			
S	980	587	885	820	777	658	590	1,000	630		363			
V	10.4	9.4	11.0	5.7	8.3	15.8	15.3	8.3	7.5		4.5			
Zn	24.8	19.5	21.4	15.7	23.0	45.3	35.8	24.0	23.5		21.7			

Fruitvale - Metals Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Al										958	714	562	514	1,147
As										1.5	1.5	1.5	1.5	1.5
Ca										787	553	431	436	854
Cl										724	1,048	1,315	1,142	1,321
Cr										6.7	4.8	2.6	3.3	4.2
Cu										34.0	42.3	33.0	33.4	38.6
Fe										1,331	952	673	632	943
Pb										19.0	16.3	11.3	12.1	9.2
Mn										23.0	16.4	11.4	12.4	18.7
Ni										5.7	4.4	2.0	3.4	3.7
K										258	228	221	189	319
Se										4.2	1.0	1.6	1.0	1.2
Si										3,045	2,364	1,912	1,623	3,327
S										1,097	451	650	387	444
V										25.0	15.7	9.0	10.0	13.6
Zn										77.0	86.3	35.7	40.6	51.6
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Al	1,588	1,178	1,205	1,094				838	718	580	386			
As	1.5	1.5	1.5	1.0				1.5	1.0	1.0	2.0			
Ca	905	846	933	954				835	815	605	558			
Cl	5,735	4,942	7,554	2,600				1,045	6,255	768	2,918			
Cr	2.8	3.6	6.0	3.8				5.5	4.3	4.5	3.2			
Cu	14.3	30.9	10.9	12.2				29.5	35.8	26.3	111.2			
Fe	1,010	951	922	934				1,148	958	853	730			
Pb	6.3	13.9	13.9	15.2				14.0	26.5	12.0	16.4			
Mn	20.4	20.5	25.0	19.6				18.3	18.0	16.5	11.2			
Ni	2.1	3.4	3.8	4.2				6.8	3.6	4.0	3.2			
K	430	342	391	348				383	435	240	258			
Se	1.3	1.9	7.6	5.6				6.0	1.5	3.0	5.0			
Si	4,032	3,307	3,214	3,180				2,725	2,318	2,050	1,620			
S	787	661	916	812				1,040	583	810	394			
V	8.6	9.5	13.0	8.6				14.0	7.0	8.5	5.2			
Zn	31.0	45.0	41.0	45.6				65.5	63.0	56.8	68.2			

Wilmington - Metals Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Al				957	1,288	1,565	1,165	1,420	1,733	2,199	1,457	2,349	2,643	2,327
As				1.5	1.5	1.5	1.5	1.5	1.5	1.8	1.5	2.6	1.5	1.5
Ca				728	1,085	1,131	1,208	1,230	1,429	2,153	1,498	2,179	2,694	2,117
Cl				410	1,239	712	1,638	1,183	1,521	1,616	2,779	2,338	2,289	2,318
Cr				3.1	3.4	1.5	3.1	4.9	3.5	8.5	4.2	9.6	7.6	4.5
Cu				6.9	19.4	11.4	23.2	25.5	37.8	45.2	52.2	50.0	61.8	45.0
Fe				738	1,026	1,032	888	1,157	1,314	2,014	1,327	2,271	2,432	1,868
Pb				6.1	10.9	7.8	9.3	9.9	9.5	17.7	15.3	23.0	20.8	15.2
Mn				13.7	19.3	21.0	17.7	20.8	24.5	43.4	34.1	44.5	47.3	42.5
Ni				6.3	7.8	7.3	7.7	11.9	10.3	15.1	6.2	12.4	16.6	10.4
K				324	495	533	407	486	591	707	551	852	858	778
Se				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.6
Si				2,508	3,366	4,252	3,045	3,757	4,499	5,780	3,853	6,201	7,080	6,096
S				1,393	1,688	1,294	1,301	2,249	2,022	1,345	672	1,001	1,541	895
V				15.0	29.3	28.4	28.2	41.6	34.0	48.8	26.0	44.5	60.0	38.4
Zn				30.7	41.0	39.6	45.6	55.6	54.4	127.8	71.2	118.3	124.8	87.2
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Al	1,232	1,454	1,690	1,700										
As	1.5	1.5	1.5	1.0										
Ca	1,019	1,303	1,385	1,720										
Cl	2,772	4,659	1,614	1,290										
Cr	2.4	4.0	3.3	6.2										
Cu	32.8	37.6	29.0	37.8										
Fe	925	1,188	1,311	1,560										
Pb	10.3	11.8	12.8	15.0										
Mn	20.9	24.1	28.0	27.8										
Ni	10.7	10.9	11.4	13.6										
K	425	576	618	706										
Se	1.0	1.0	1.0	1.0										
Si	3,118	3,927	4,445	4,620										
S	2,230	1,229	2,350	2,580										
V	38.8	31.6	39.0	34.8										
Zn	41.8	54.6	68.0	75.8										


Boyle Heights - Metals
Monthly Averages
ng/m3
8,500
8,000
7,500
7,000
6,500
6,000
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
100
90
80
70
60
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40
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20
10
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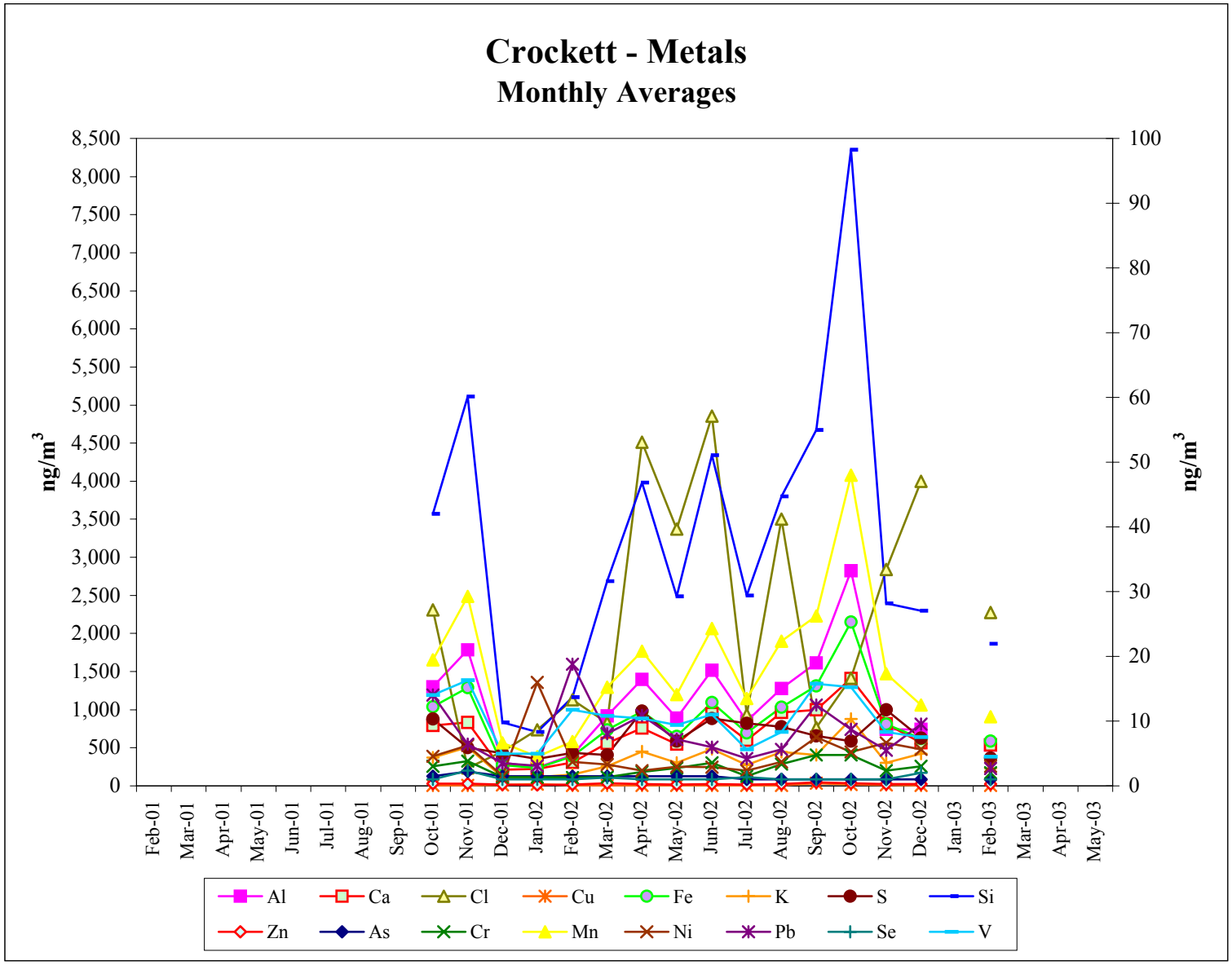
V


Crockett - Metals
Monthly Averages
ng/m3
8,500
8,000
7,500
7,000
6,500
6,000
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
100
90
80
70
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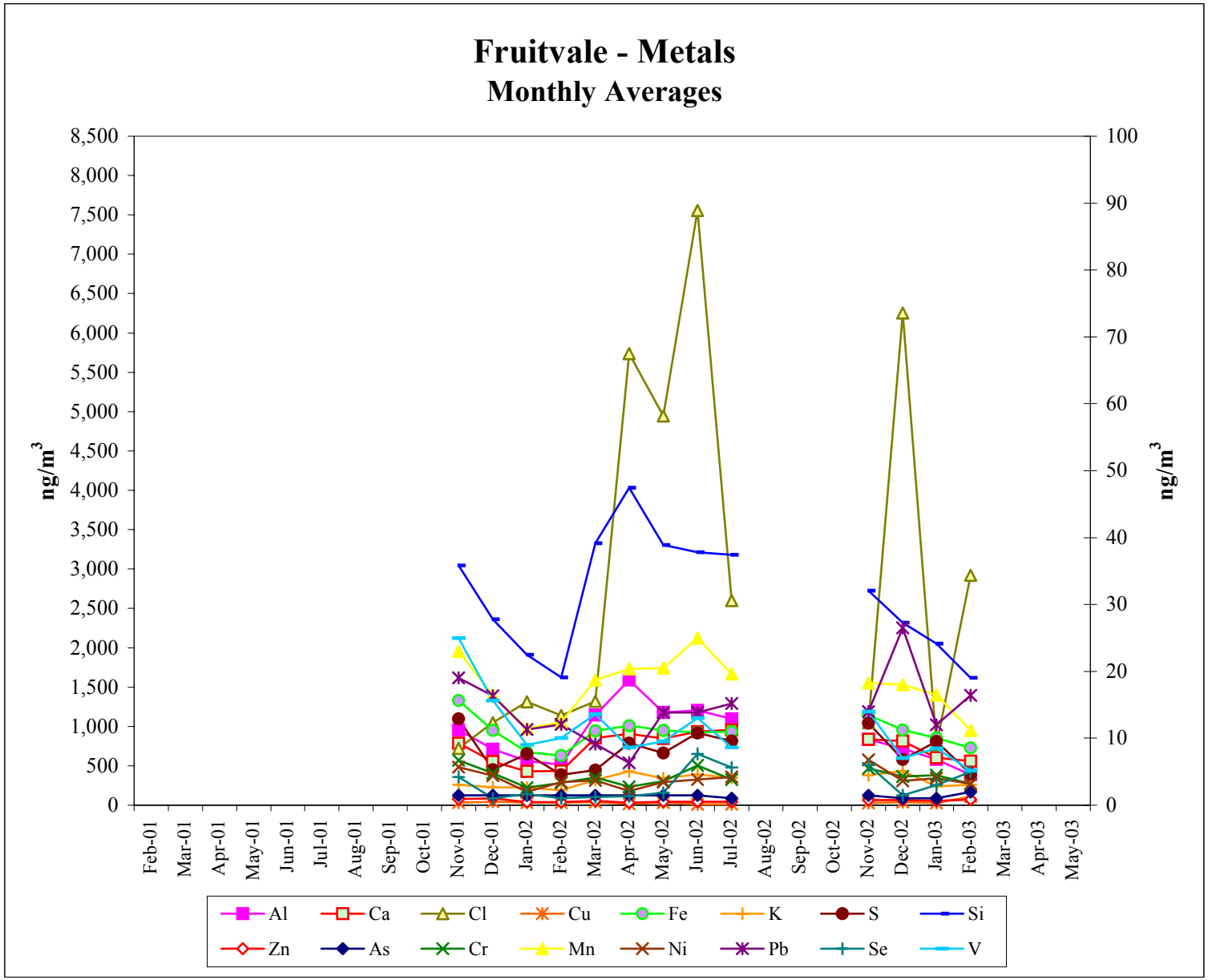
Se
V


Fruitvale - Metals
Monthly Averages
ng/m3
8,500
8,000
7,500
7,000
6,500
6,000
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
100
90
80
70
60
50
40
30
20
10
0
Feb-01
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Apr-01
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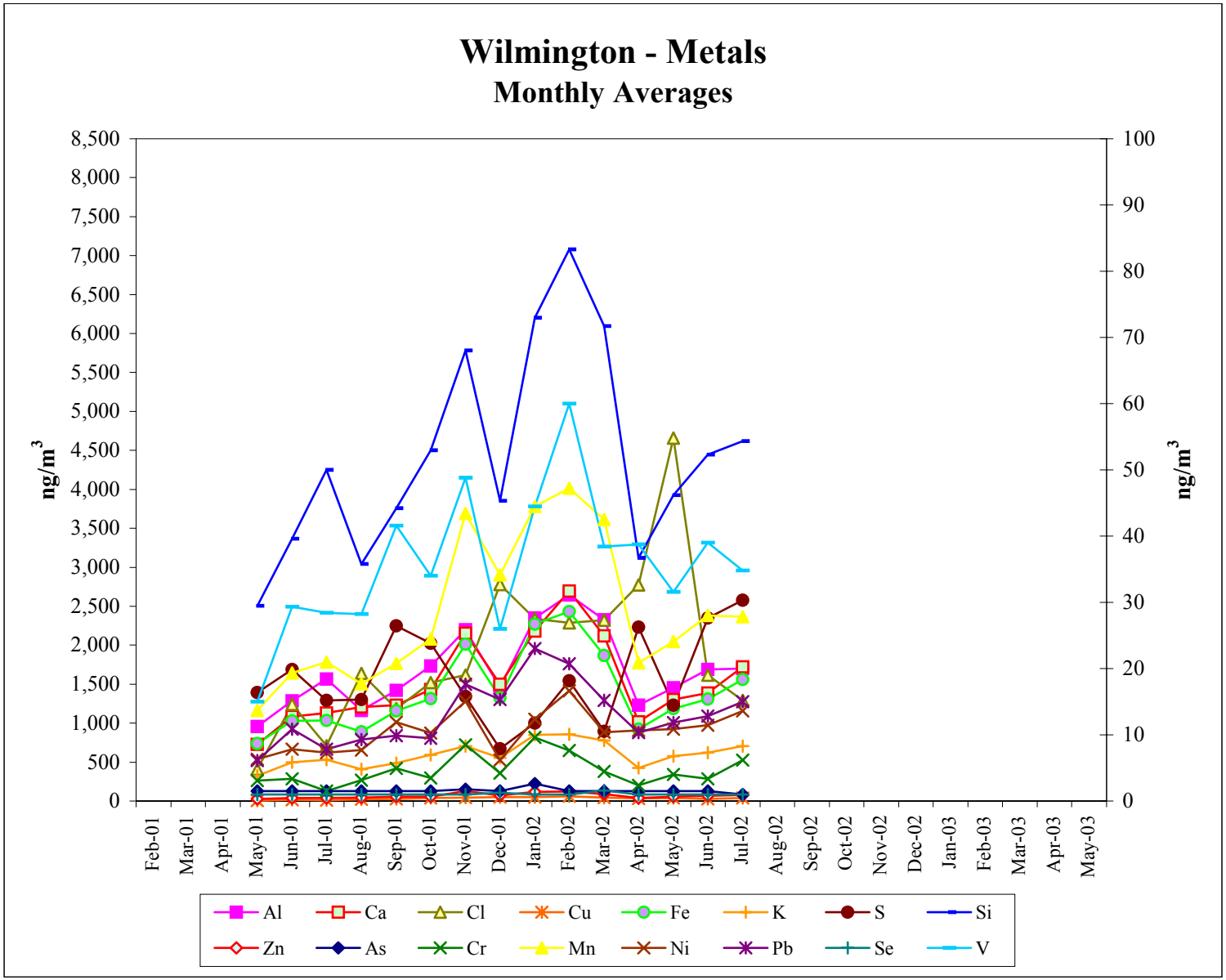
Wilmington - Metals
Monthly Averages
ng/m3
8,500
8,000
7,500
7,000
6,500
6,000
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
100
90
80
70
60
50
40
30
20
10
0
Feb-01
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May-01
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Oct-02
Nov-02
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Feb-03
Mar-03
Apr-03
May-03
Al
Ca
Cl
Cu
Fe
K
S
Si
Zn
As
Cr
Mn
Ni
Pb
Se
V

Metals – Aluminum by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		1,160	1,468	1,335	1,531	1,694	1,524	1,607	1,730	1,669	1,241	1,595	1,922	1,663
Crockett									1,298	1,786	307	241	404	918
Fruitvale										958	714	562	514	1,147
Wilmington				957	1,288	1,565	1,165	1,420	1,733	2,199	1,457	2,349	2,643	2,327
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1,228	1,235	1,169											
Crockett	1,395	892	1,518	852	1,280	1,613	2,825	741	740		537			
Fruitvale	1,588	1,178	1,205	1,094				838	718	580	386			
Wilmington	1,232	1,454	1,690	1,700										

Metals – Arsenic by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		2.8	1.5	1.8	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.4
Crockett									1.5	2.2	1.5	1.5	1.5	1.5
Fruitvale										1.5	1.5	1.5	1.5	1.5
Wilmington				1.5	1.5	1.5	1.5	1.5	1.5	1.8	1.5	2.6	1.5	1.5
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1.5	1.5	1.5											
Crockett	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0		1.0			
Fruitvale	1.5	1.5	1.5	1.0				1.5	1.0	1.0	2.0			
Wilmington	1.5	1.5	1.5	1.0										

Metals – Calcium by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		1,004	1,206	1,282	1,498	1,608	1,286	1,610	1,520	1,590	1,005	1,342	1,704	1,419
Crockett									794	835	212	224	311	560
Fruitvale										787	553	431	436	854
Wilmington				728	1,085	1,131	1,208	1,230	1,429	2,153	1,498	2,179	2,694	2,117
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	951	1,051	898											
Crockett	759	548	945	598	967	998	1,408	818	565		537			
Fruitvale	905	846	933	954				835	815	605	558			
Wilmington	1,019	1,303	1,385	1,720										

Metals – Chlorine by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		1,028	1,157	807	1,689	1,245	1,252	1,298	1,439	1,221	1,520	1,467	1,132	1,612
Crockett									2,311	235	451	738	1,132	826
Fruitvale										724	1,048	1,315	1,142	1,321
Wilmington				410	1,239	712	1,638	1,183	1,521	1,616	2,779	2,338	2,289	2,318
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1,973	3,181	485											
Crockett	4,512	3,371	4,857	933	3,500	765	1,415	2,840	4,000		2,273			
Fruitvale	5,735	4,942	7,554	2,600				1,045	6,255	768	2,918			
Wilmington	2,772	4,659	1,614	1,290										

Metals – Chromium by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		7.0	5.4	4.4	6.0	6.7	6.4	6.5	5.1	9.0	4.0	5.4	8.0	5.4
Crockett									3.1	3.8	1.4	1.3	1.3	1.4
Fruitvale										6.7	4.8	2.6	3.3	4.2
Wilmington				3.1	3.4	1.5	3.1	4.9	3.5	8.5	4.2	9.6	7.6	4.5
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	3.6	3.4	5.7											
Crockett	2.2	2.8	3.6	1.5	3.3	4.8	4.8	2.3	3.0		2.0			
Fruitvale	2.8	3.6	6.0	3.8				5.5	4.3	4.5	3.2			
Wilmington	2.4	4.0	3.3	6.2										

Metals – Copper by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		33.3	46.3	23.4	30.8	36.4	61.0	70.8	63.2	74.6	117.4	46.0	96.0	58.5
Crockett									4.5	6.1	9.4	23.6	4.4	7.0
Fruitvale										34.0	42.3	33.0	33.4	38.6
Wilmington				6.9	19.4	11.4	23.2	25.5	37.8	45.2	52.2	50.0	61.8	45.0
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	21.0	16.0	16.0											
Crockett	3.7	6.0	5.2	4.7	5.3	36.3	16.3	10.3	5.0		7.0			
Fruitvale	14.3	30.9	10.9	12.2				29.5	35.8	26.3	111.2			
Wilmington	32.8	37.6	29.0	37.8										

Metals – Iron by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		1,215	1,255	1,202	1,467	1,587	1,373	1,596	1,643	1,924	1,361	1,578	2,134	1,596
Crockett									1,039	1,288	273	234	387	737
Fruitvale										1,331	952	673	632	943
Wilmington				738	1,026	1,032	888	1,157	1,314	2,014	1,327	2,271	2,432	1,868
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1,056	1,095	1,011											
Crockett	976	648	1,096	695	1,030	1,310	2,150	810	620		590			
Fruitvale	1,010	951	922	934				1,148	958	853	730			
Wilmington	925	1,188	1,311	1,560										

Metals – Lead by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		17.0	17.7	30.5	32.2	34.0	27.8	36.8	25.0	29.0	21.7	26.0	29.2	21.8
Crockett									14.0	6.4	3.5	3.1	18.8	8.1
Fruitvale										19.0	16.3	11.3	12.1	9.2
Wilmington				6.1	10.9	7.8	9.3	9.9	9.5	17.7	15.3	23.0	20.8	15.2
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	22.0	21.8	17.0											
Crockett	10.9	7.2	6.0	4.3	5.7	12.5	8.8	5.5	9.5		2.7			
Fruitvale	6.3	13.9	13.9	15.2				14.0	26.5	12.0	16.4			
Wilmington	10.3	11.8	12.8	15.0										

Metals – Manganese by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		21.7	20.7	21.2	25.4	29.3	25.3	29.3	30.2	33.6	22.6	24.7	37.0	29.5
Crockett									19.5	29.2	6.6	4.5	6.8	15.3
Fruitvale										23.0	16.4	11.4	12.4	18.7
Wilmington				13.7	19.3	21.0	17.7	20.8	24.5	43.4	34.1	44.5	47.3	42.5
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	20.0	20.2	20.0											
Crockett	20.8	14.1	24.3	13.5	22.3	26.3	48.0	17.3	12.5		10.7			
Fruitvale	20.4	20.5	25.0	19.6				18.3	18.0	16.5	11.2			
Wilmington	20.9	24.1	28.0	27.8										

Metals – Nickel by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		6.5	5.0	5.6	7.8	8.2	6.4	7.4	7.4	13.0	3.2	5.8	11.2	5.5
Crockett									4.6	6.3	1.6	16.0	3.7	3.3
Fruitvale										5.7	4.4	2.0	3.4	3.7
Wilmington				6.3	7.8	7.3	7.7	11.9	10.3	15.1	6.2	12.4	16.6	10.4
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	3.5	4.4	5.9											
Crockett	2.3	2.9	2.9	2.3	3.7	7.5	5.3	6.7	5.7		3.0			
Fruitvale	2.1	3.4	3.8	4.2				6.8	3.6	4.0	3.2			
Wilmington	10.7	10.9	11.4	13.6										

Metals – Potassium by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		389	478	446	620	661	553	567	595	557	428	605	621	557
Crockett									371	510	113	115	149	256
Fruitvale										258	228	221	189	319
Wilmington				324	495	533	407	486	591	707	551	852	858	778
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	432	483	375											
Crockett	451	301	485	272	443	405	880	303	420		230			
Fruitvale	430	342	391	348				383	435	240	258			
Wilmington	425	576	618	706										

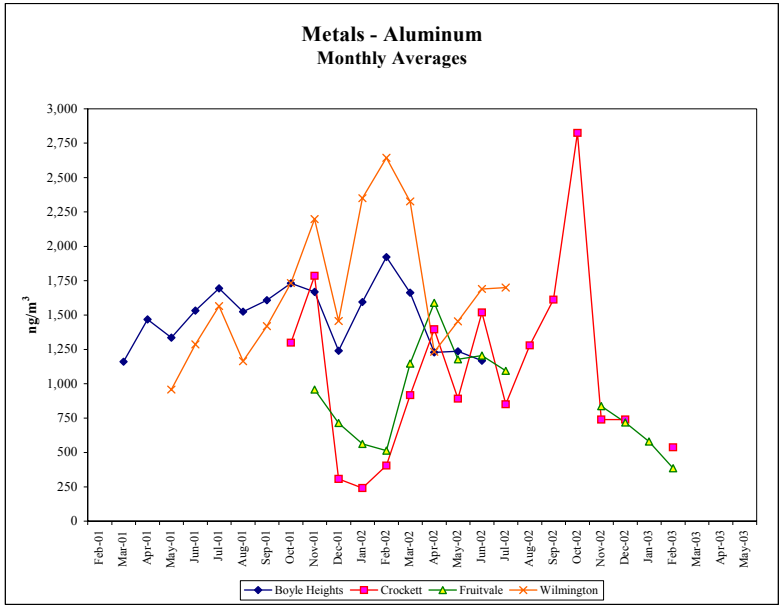
Metals – Selenium by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		3.7	2.0	2.1	2.1	2.4	2.1	1.0	1.4	2.5	2.2	1.4	2.3	1.6
Crockett									1.0	2.4	1.0	1.0	1.0	1.3
Fruitvale										4.2	1.0	1.6	1.0	1.2
Wilmington				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.6
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	4.3	1.2	1.0											
Crockett	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	2.0		1.0			
Fruitvale	1.3	1.9	7.6	5.6				6.0	1.5	3.0	5.0			
Wilmington	1.0	1.0	1.0	1.0										

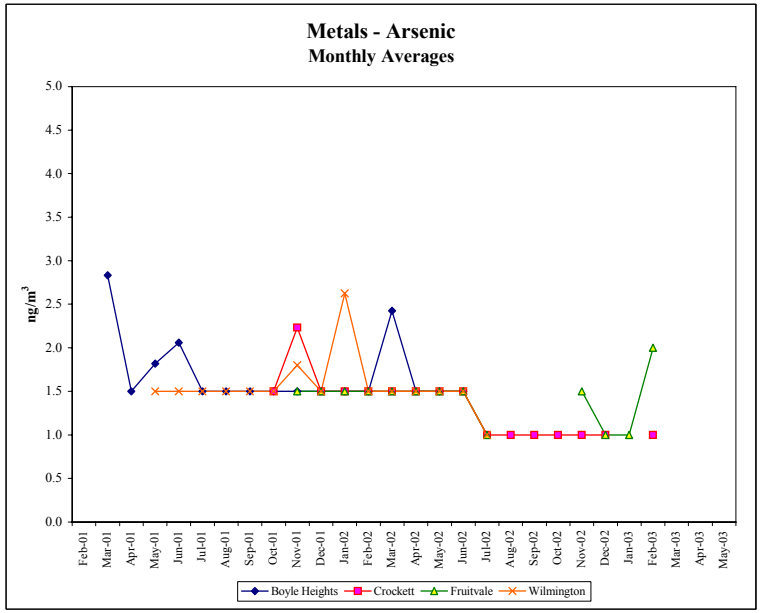
Metals – Silicon by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		3,051	3,708	3,446	4,052	4,302	3,897	4,202	4,480	4,316	3,277	4,211	4,948	4,322
Crockett									3,573	5,112	830	710	1,167	2,684
Fruitvale										3,045	2,364	1,912	1,623	3,327
Wilmington				2,508	3,366	4,252	3,045	3,757	4,499	5,780	3,853	6,201	7,080	6,096
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	3,149	3,398	2,930											
Crockett	3,983	2,485	4,340	2,500	3,800	4,675	8,350	2,397	2,300		1,867			
Fruitvale	4,032	3,307	3,214	3,180				2,725	2,318	2,050	1,620			
Wilmington	3,118	3,927	4,445	4,620										

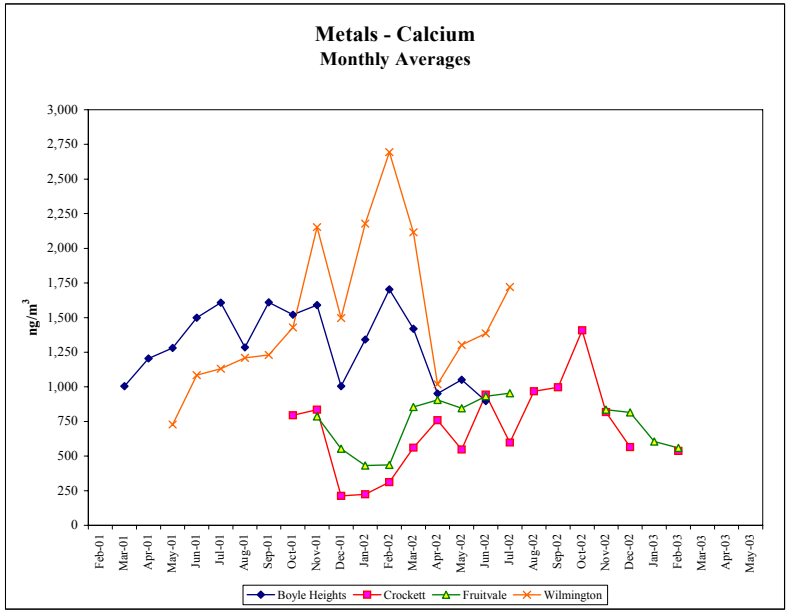
Metals – Sulfur by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		742	1,768	1,945	2,113	1,988	1,610	1,759	2,113	935	429	689	807	730
Crockett									880	502	426	353	433	406
Fruitvale										1,097	451	650	387	444
Wilmington				1,393	1,688	1,294	1,301	2,249	2,022	1,345	672	1,001	1,541	895
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1,768	1,134	2,372											
Crockett	980	587	885	820	777	658	590	1,000	630		363			
Fruitvale	787	661	916	812				1,040	583	810	394			
Wilmington	2,230	1,229	2,350	2,580										

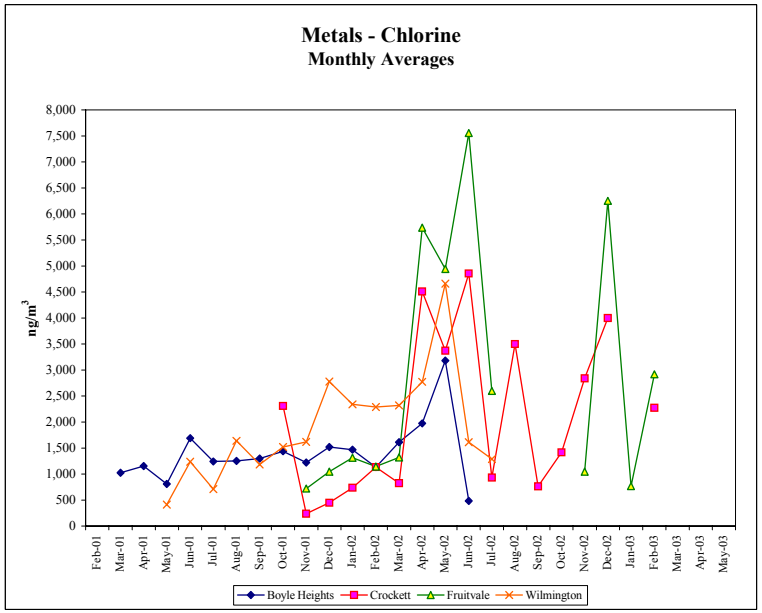
Metals – Vanadium by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		10.3	7.0	17.8	26.0	27.0	21.3	25.8	28.8	31.6	18.4	25.3	32.4	25.8
Crockett									14.0	16.3	5.0	5.0	11.8	10.8
Fruitvale										25.0	15.7	9.0	10.0	13.6
Wilmington				15.0	29.3	28.4	28.2	41.6	34.0	48.8	26.0	44.5	60.0	38.4
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	18.0	16.6	18.0											
Crockett	10.4	9.4	11.0	5.7	8.3	15.8	15.3	8.3	7.5		4.5			
Fruitvale	8.6	9.5	13.0	8.6				14.0	7.0	8.5	5.2			
Wilmington	38.8	31.6	39.0	34.8										

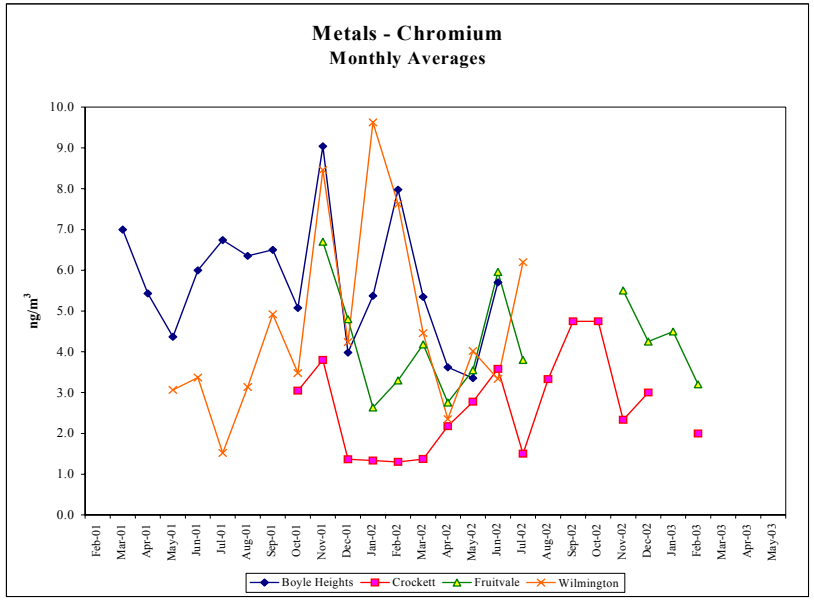
Metals – Zinc by Site Monthly Avg (ng/m^3)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		75.0	66.0	53.8	72.6	85.8	64.8	85.0	75.8	111.8	72.6	82.5	134.6	83.3
Crockett									29.5	30.0	16.9	12.4	19.0	32.4
Fruitvale										77.0	86.3	35.7	40.6	51.6
Wilmington				30.7	41.0	39.6	45.6	55.6	54.4	127.8	71.2	118.3	124.8	87.2
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	48.8	54.2	54.0											
Crockett	24.8	19.5	21.4	15.7	23.0	45.3	35.8	24.0	23.5		21.7			
Fruitvale	31.0	45.0	41.0	45.6				65.5	63.0	56.8	68.2			
Wilmington	41.8	54.6	68.0	75.8										

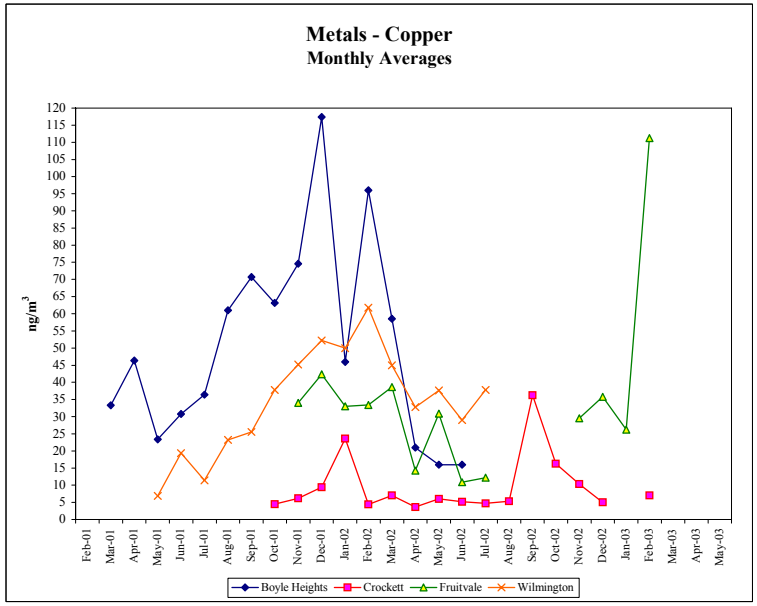

Metals - Aluminum
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

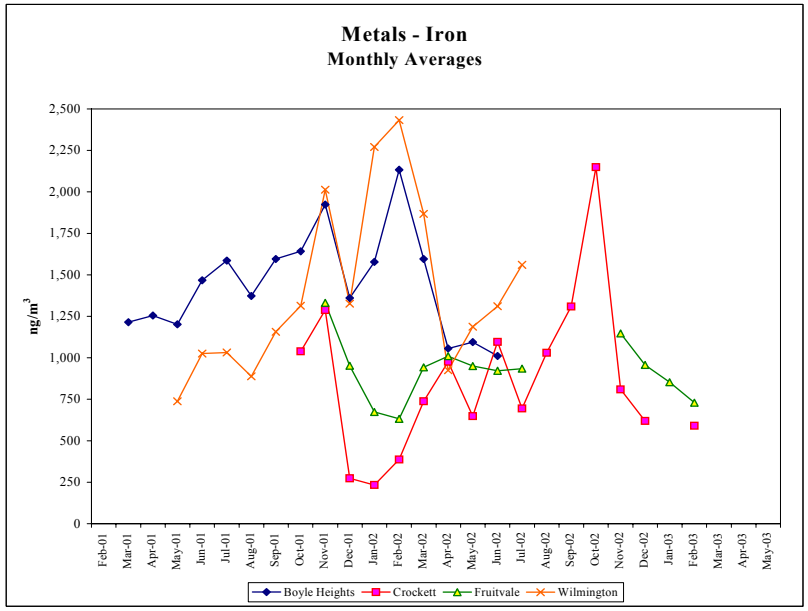

Metals - Arsenic
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

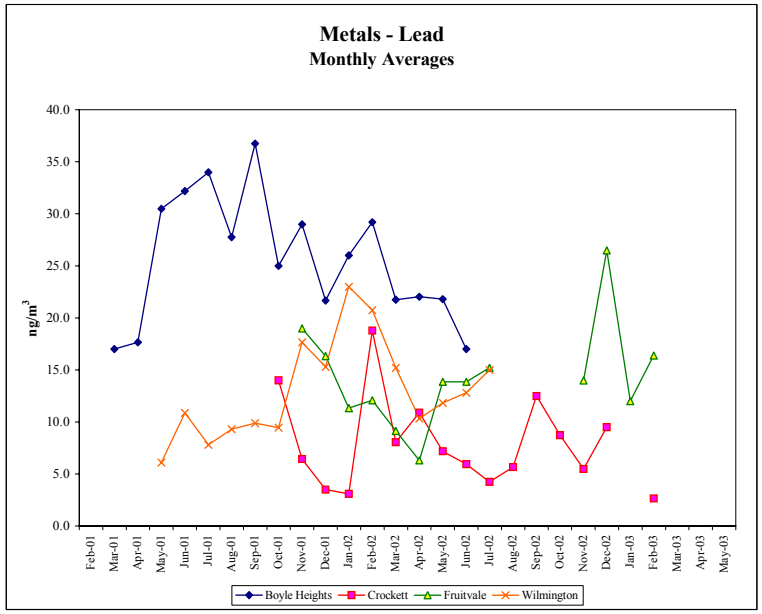

Metals - Calcium
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

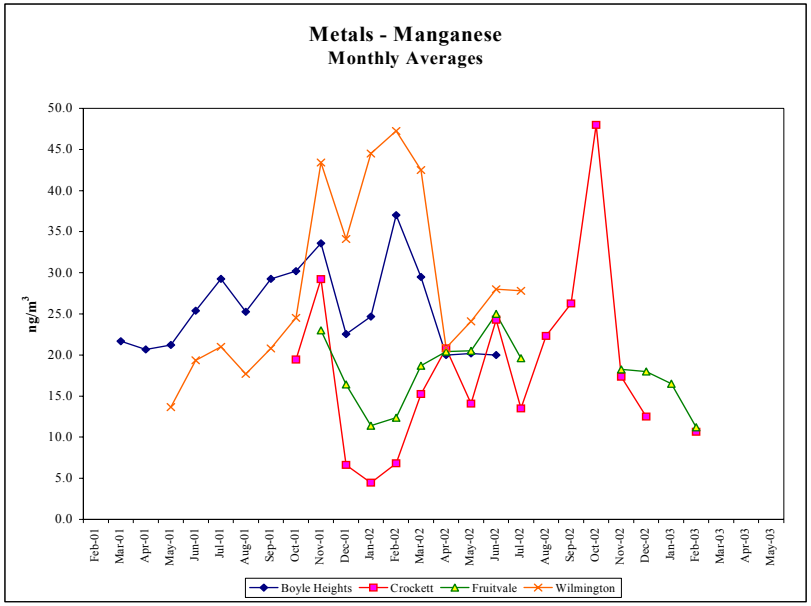

Metals - Chlorine
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

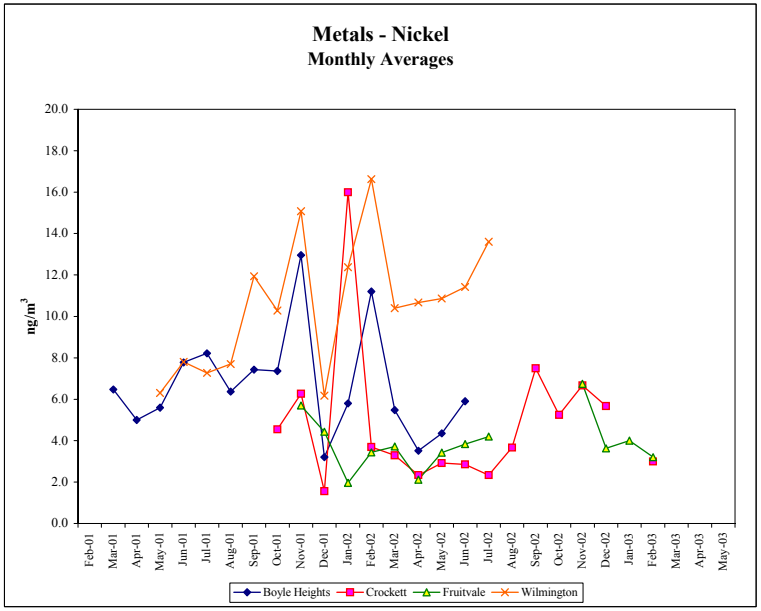

Metals - Chromium
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

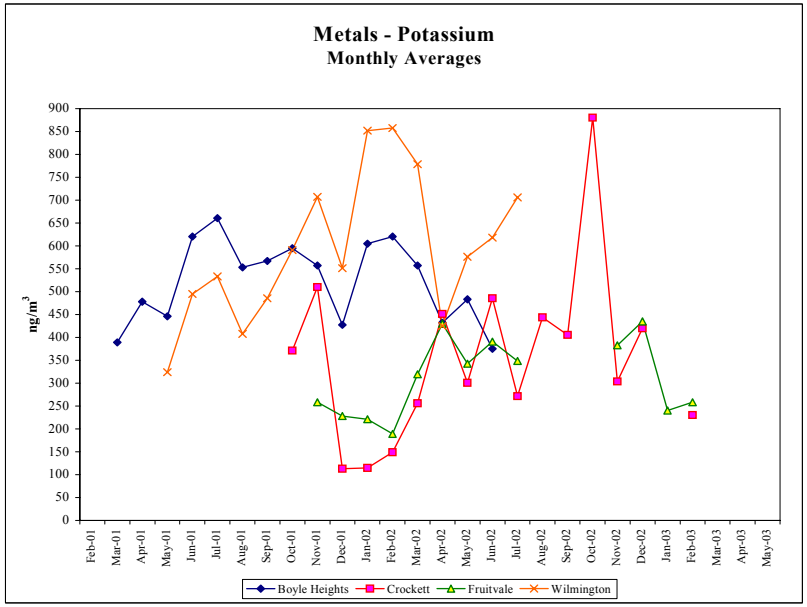

Metals - Copper
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

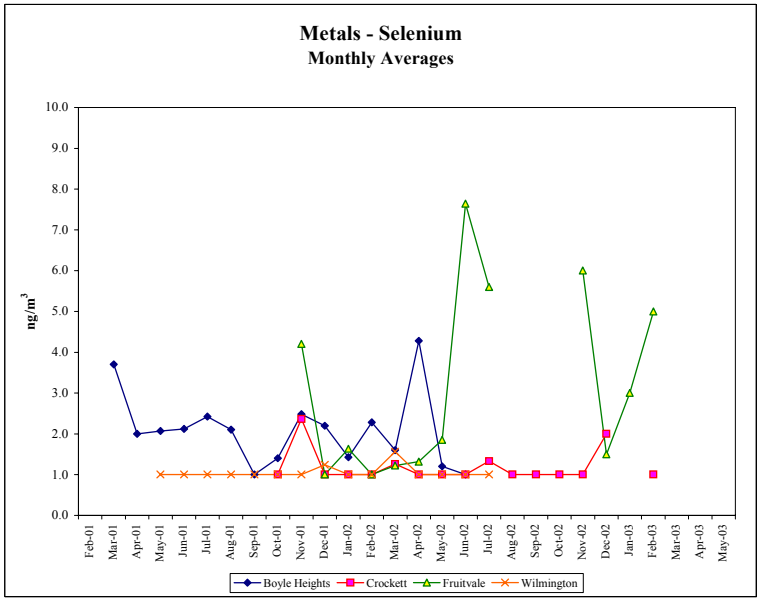

Metals - Iron
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

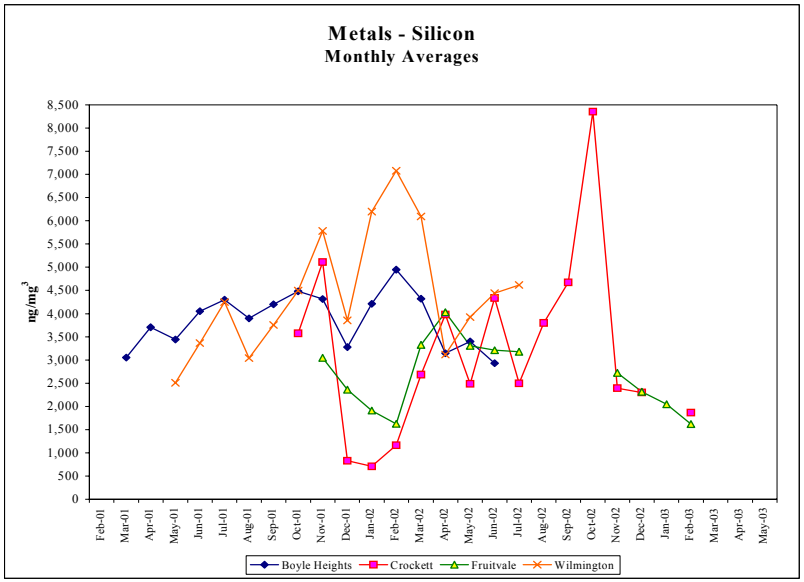

Metals - Lead
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

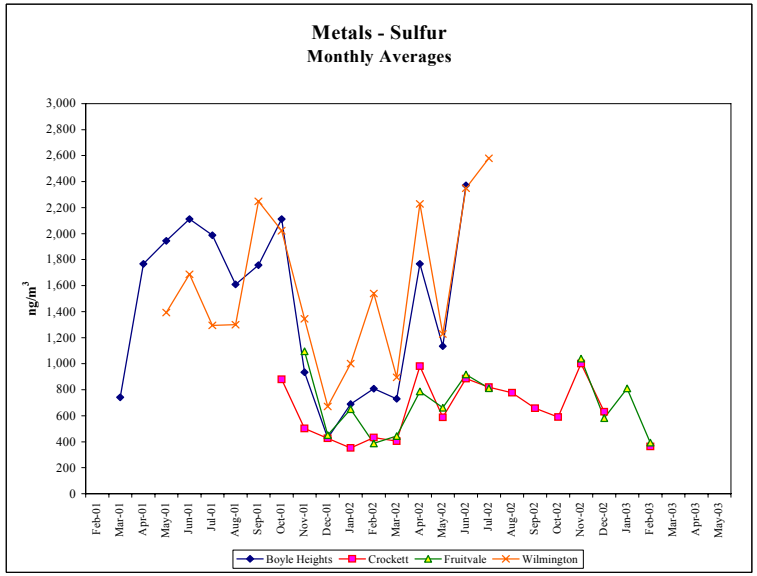

Metals - Manganese
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

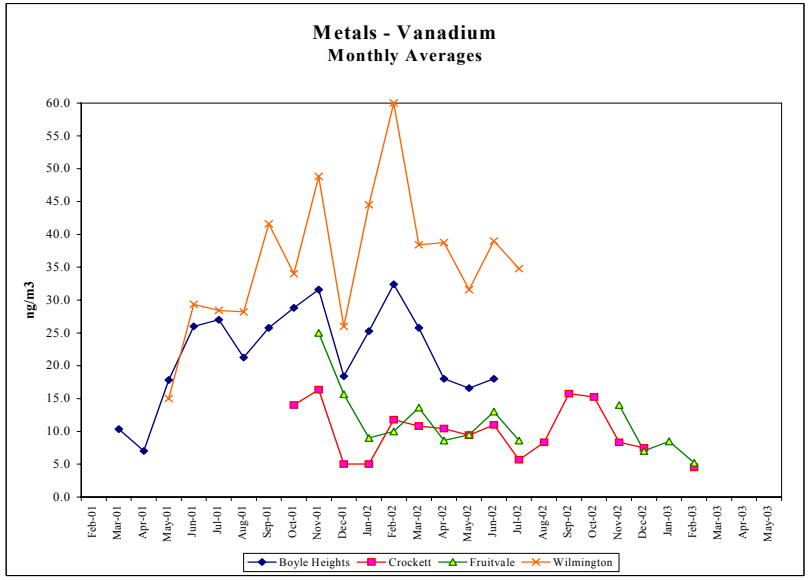

Metals - Nickel
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

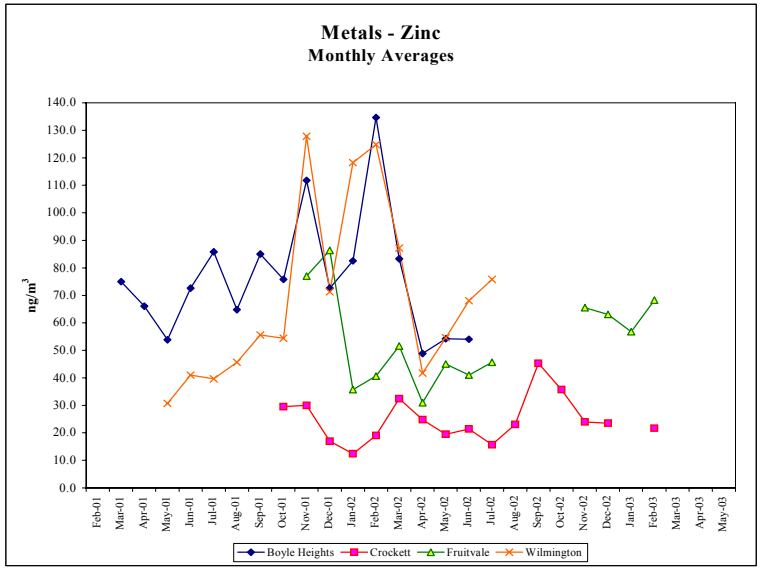

Metals - Potassium
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


Metals - Selenium
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


Metals - Silicon
Monthly Averages
ng/mg3
8,500
8,000
7,500
7,000
6,500
6,000
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Feb-01 Mar-01 Apr-01 May-01 Jun-01 Jul-01 Aug-01 Sep-01 Oct-01 Nov-01 Dec-01 Jan-02 Feb-02 Mar-02 Apr-02 May-02 Jun-02 Jul-02 Aug-02 Sep-02 Oct-02 Nov-02 Dec-02 Jan-03 Feb-03 Mar-03 Apr-03 May-03
Boyle Heights
Crockett
Fruitvale
Wilmington


Metals - Sulfur
Monthly Averages
ng/m3
3,000
2,800
2,600
2,400
2,200
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Feb-01 Mar-01 Apr-01 May-01 Jun-01 Jul-01 Aug-01 Sep-01 Oct-01 Nov-01 Dec-01 Jan-02 Feb-02 Mar-02 Apr-02 May-02 Jun-02 Jul-02 Aug-02 Sep-02 Oct-02 Nov-02 Dec-02 Jan-03 Feb-03 Mar-03 Apr-03 May-03
Boyle Heights
Crockett
Fruitvale
Wilmington


Metals - Vanadium
Monthly Averages
ng/m3
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Feb-01 Mar-01 Apr-01 May-01 Jun-01 Jul-01 Aug-01 Sep-01 Oct-01 Nov-01 Dec-01 Jan-02 Feb-02 Mar-02 Apr-02 May-02 Jun-02 Jul-02 Aug-02 Sep-02 Oct-02 Nov-02 Dec-02 Jan-03 Feb-03 Mar-03 Apr-03 May-03
Boyle Heights
Crockett
Fruitvale
Wilmington

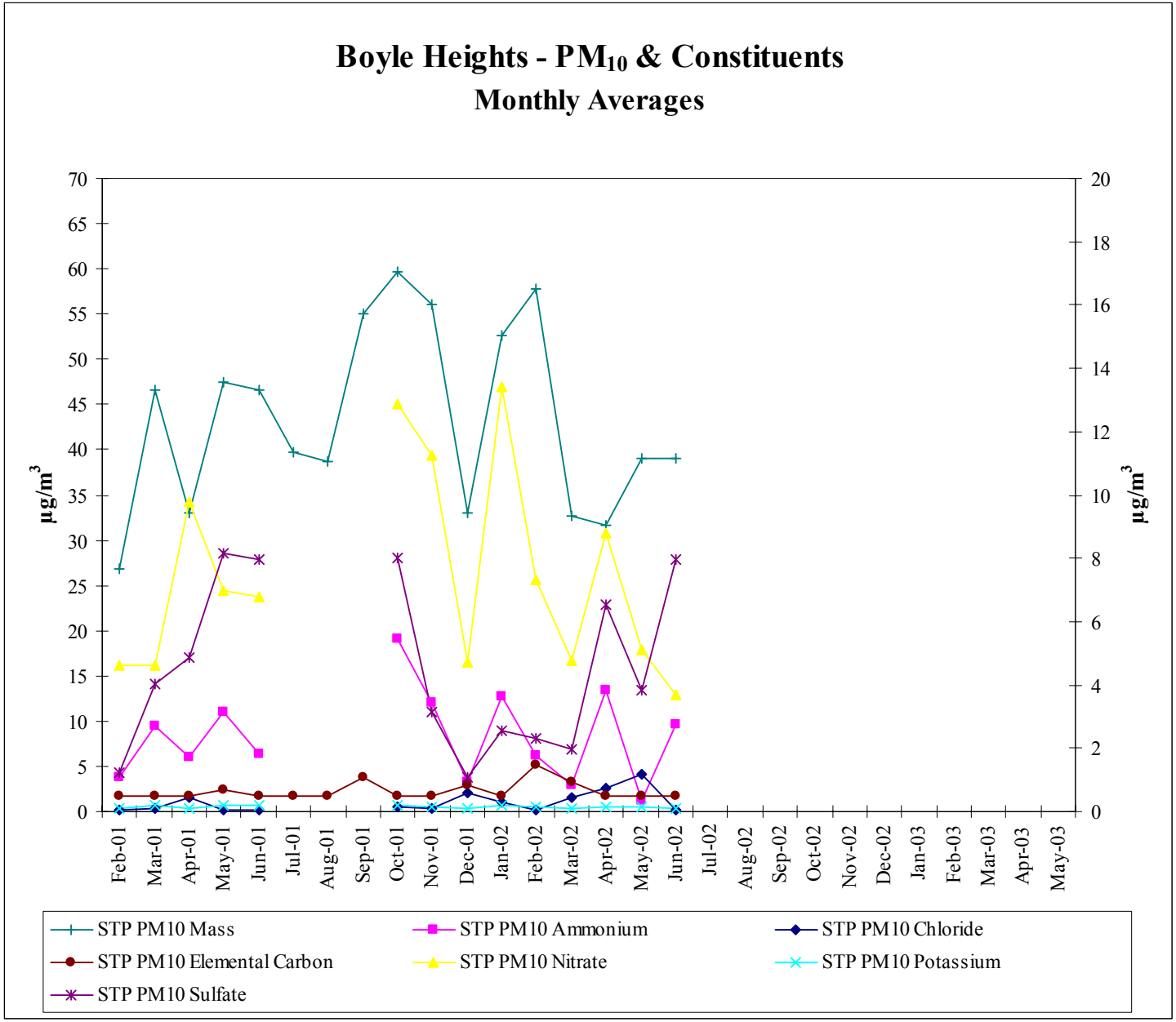

Metals - Zinc
Monthly Averages
ng/m3
140.0
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Feb-01 Mar-01 Apr-01 May-01 Jun-01 Jul-01 Aug-01 Sep-01 Oct-01 Nov-01 Dec-01 Jan-02 Feb-02 Mar-02 Apr-02 May-02 Jun-02 Jul-02 Aug-02 Sep-02 Oct-02 Nov-02 Dec-02 Jan-03 Feb-03 Mar-03 Apr-03 May-03
Boyle Heights
Crockett
Fruitvale
Wilmington

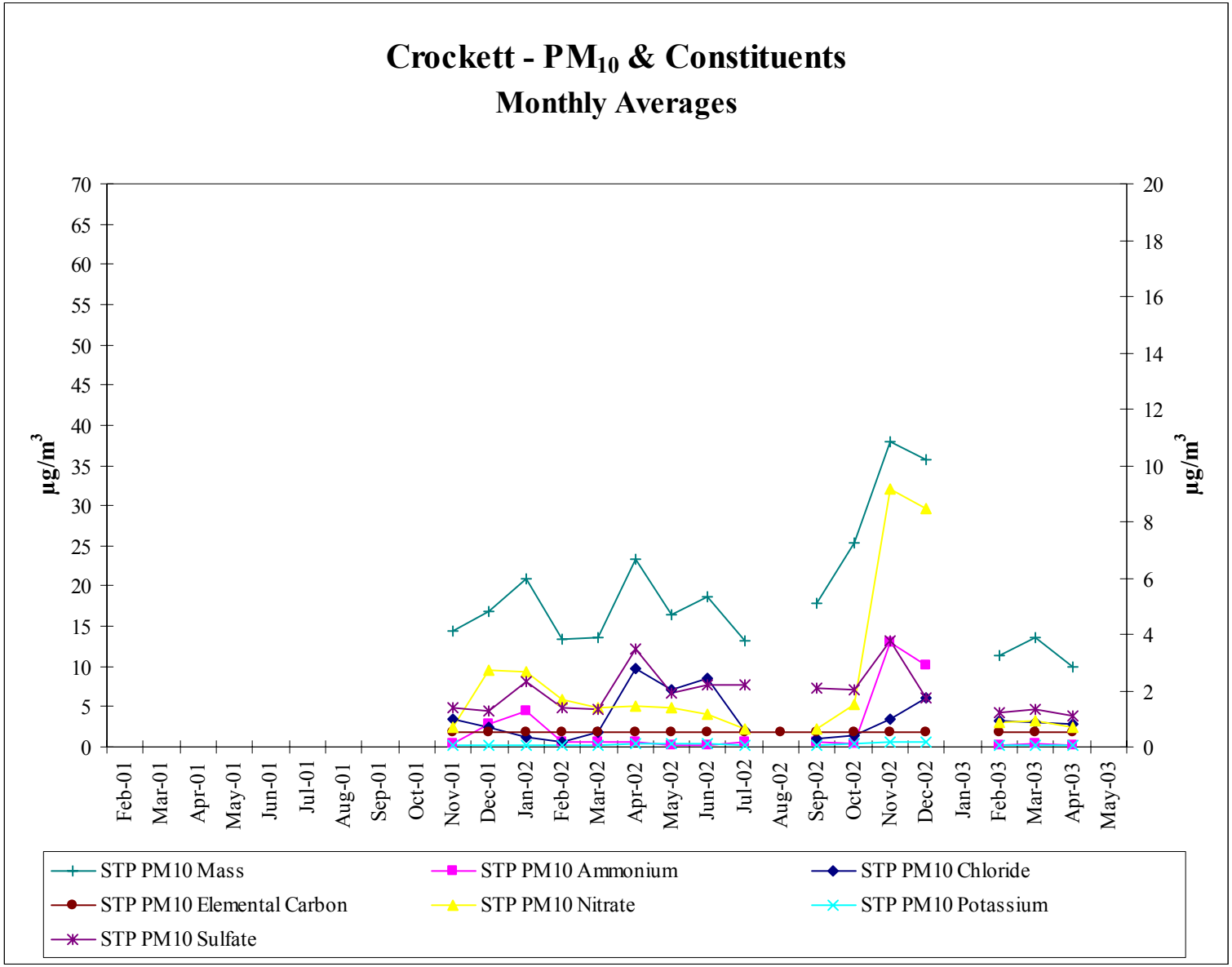
Boyle Heights - PM_{10} & Constituents Monthly Avg ($\mu g/m^3$)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
STP PM_{10} Ammonium	1.09	2.68	1.74	3.16	1.82				5.44	3.46	0.95	3.61	1.78	0.84
STP PM_{10} Chloride	0.042	0.074	0.450	0.049	0.064				0.130	0.118	0.566	0.310	0.067	0.424
STP PM_{10} Elemental Carbon	0.5	0.5	0.5	0.7	0.5	0.5	0.5	1.1	0.5	0.5	0.8	0.5	1.5	0.9
STP PM_{10} Mass	26.8	46.6	33.0	47.5	46.6	39.8	38.8	55.0	59.6	56.0	33.0	52.6	57.8	32.6
STP PM_{10} Nitrate	4.61	4.61	9.80	6.98	6.76				12.86	11.24	4.72	13.42	7.30	4.78
STP PM_{10} Potassium	0.107	0.174	0.109	0.178	0.192				0.200	0.150	0.118	0.194	0.128	0.116
STP PM_{10} Sulfate	1.22	4.04	4.88	8.17	7.94				8.00	3.16	1.10	2.54	2.30	1.96
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
STP PM_{10} Ammonium	3.86	0.35	2.75											
STP PM_{10} Chloride	0.761	1.178	0.035											
STP PM_{10} Elemental Carbon	0.5	0.5	0.5											
STP PM_{10} Mass	31.6	39.0	39.0											
STP PM_{10} Nitrate	8.80	5.10	3.70											
STP PM_{10} Potassium	0.161	0.146	0.107											
STP PM_{10} Sulfate	6.52	3.82	7.95											

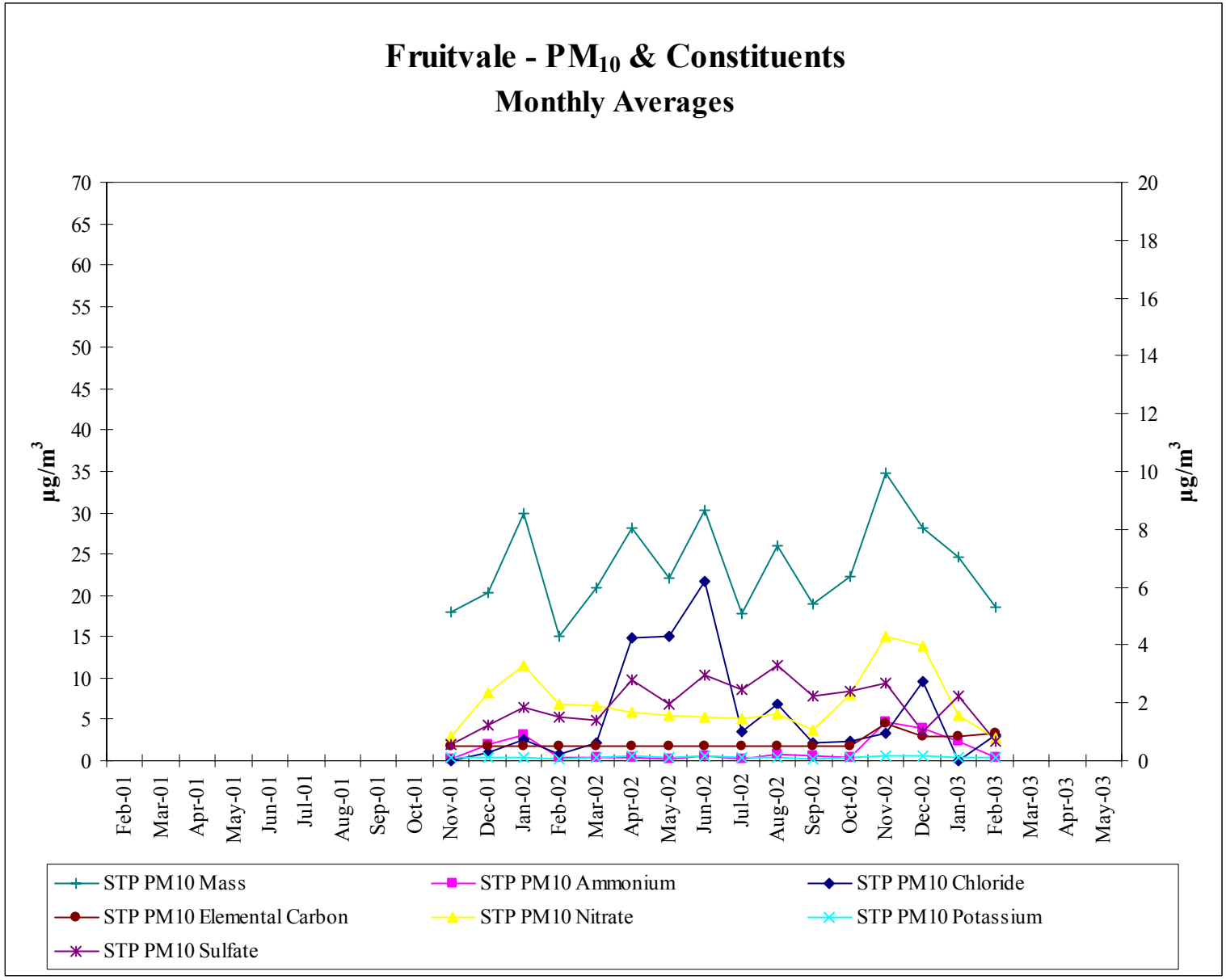
Crockett - PM_{10} & Constituents Monthly Avg ($\mu g/m^3$)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
STP PM_{10} Ammonium										0.13	0.84	1.28	0.20	0.18
STP PM_{10} Chloride										1.008	0.694	0.323	0.173	0.543
STP PM_{10} Elemental Carbon										0.50	0.50	0.50	0.50	0.50
STP PM_{10} Mass										14.5	16.8	20.8	13.5	13.7
STP PM_{10} Nitrate										0.69	2.74	2.67	1.65	1.39
STP PM_{10} Potassium										0.065	0.075	0.077	0.072	0.058
STP PM_{10} Sulfate										1.39	1.26	2.31	1.38	1.33
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
STP PM_{10} Ammonium	0.20	0.05	0.05	0.15		0.17	0.10	3.74	2.88		0.05	0.09	0.05	
STP PM_{10} Chloride	2.796	2.006	2.454	0.558		0.279	0.412	0.971	1.743		0.943	0.842	0.792	
STP PM_{10} Elemental Carbon	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50		0.50	0.50	0.50	
STP PM_{10} Mass	23.4	16.4	18.6	13.2		17.8	25.4	38.0	35.7		11.4	13.6	9.9	
STP PM_{10} Nitrate	1.46	1.39	1.15	0.63		0.66	1.48	9.15	8.49		0.90	0.92	0.69	
STP PM_{10} Potassium	0.128	0.089	0.098	0.062		0.051	0.100	0.146	0.170		0.065	0.054	0.044	
STP PM_{10} Sulfate	3.48	1.90	2.18	2.22		2.10	2.02	3.78	1.73		1.19	1.34	1.09	

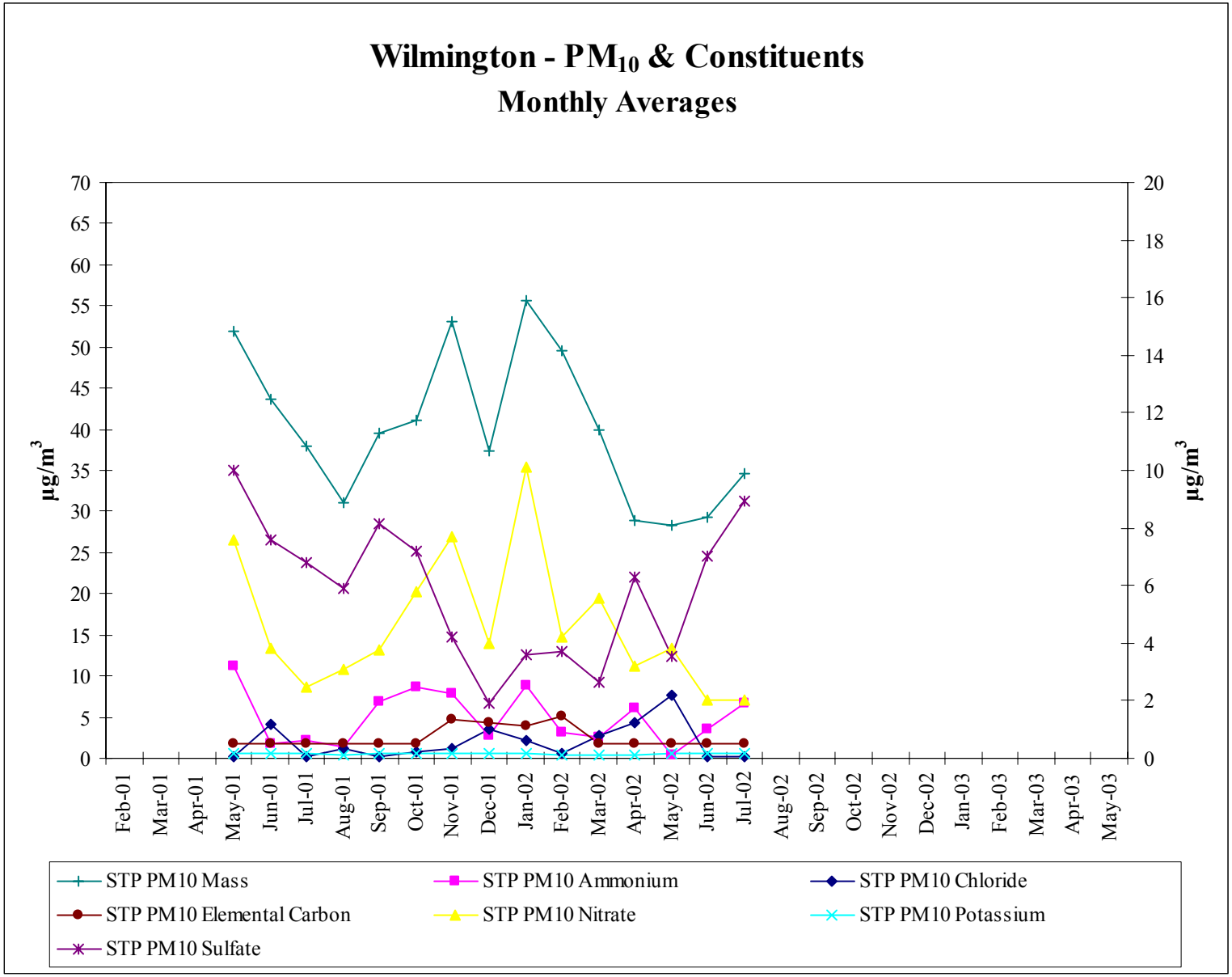
Fruitvale - PM_{10} & Constituents Monthly Avg ($\mu g/m^3$)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
STP PM_{10} Ammonium										0.1	0.5	0.9	0.1	0.1
STP PM_{10} Chloride										0.015	0.270	0.700	0.230	0.595
STP PM_{10} Elemental Carbon										0.5	0.5	0.5	0.5	0.5
STP PM_{10} Mass										18.0	20.3	30.0	15.1	20.9
STP PM_{10} Nitrate										0.83	2.37	3.30	1.95	1.91
STP PM_{10} Potassium										0.100	0.087	0.120	0.080	0.091
STP PM_{10} Sulfate										0.54	1.22	1.87	1.49	1.41
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
STP PM_{10} Ammonium	0.1	0.1	0.2	0.1	0.2	0.2	0.1	1.3	1.1	0.7	0.1			
STP PM_{10} Chloride	4.246	4.275	6.223	0.982	1.943	0.641	0.691	0.923	2.726	0.015	0.888			
STP PM_{10} Elemental Carbon	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.9	0.8	1.0			
STP PM_{10} Mass	28.2	22.0	30.3	17.8	26.0	19.0	22.4	34.8	28.2	24.6	18.7			
STP PM_{10} Nitrate	1.67	1.58	1.49	1.45	1.60	1.08	2.30	4.28	3.97	1.55	0.81			
STP PM_{10} Potassium	0.154	0.130	0.185	0.087	0.136	0.070	0.103	0.156	0.163	0.108	0.093			
STP PM_{10} Sulfate	2.82	1.98	2.97	2.44	3.32	2.22	2.40	2.68	1.03	2.23	0.65			

Wilmington PM_{10} & Constituents Monthly Avg ($\mu g/m^3$)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
STP PM_{10} Ammonium				3.20	0.53	0.62	0.37	1.95	2.45	2.24	0.76	2.52	0.92	0.71
STP PM_{10} Chloride				0.047	1.198	0.067	0.336	0.049	0.206	0.361	1.004	0.639	0.153	0.814
STP PM_{10} Elemental Carbon				0.5	0.5	0.5	0.5	0.5	0.5	1.4	1.2	1.1	1.5	0.5
STP PM_{10} Mass				52.0	43.7	38.0	31.0	39.6	41.0	53.0	37.3	55.7	49.6	40.0
STP PM_{10} Nitrate				7.60	3.83	2.48	3.08	3.74	5.76	7.72	3.97	10.13	4.22	5.54
STP PM_{10} Potassium				0.170	0.183	0.143	0.113	0.150	0.162	0.148	0.147	0.185	0.130	0.136
STP PM_{10} Sulfate				10.00	7.60	6.80	5.88	8.15	7.18	4.20	1.90	3.60	3.73	2.62
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
STP PM_{10} Ammonium	1.74	0.09	1.01	1.93										
STP PM_{10} Chloride	1.235	2.208	0.078	0.038										
STP PM_{10} Elemental Carbon	0.5	0.5	0.5	0.5										
STP PM_{10} Mass	29.0	28.4	29.2	34.7										
STP PM_{10} Nitrate	3.20	3.82	2.05	2.03										
STP PM_{10} Potassium	0.111	0.144	0.146	0.144										
STP PM_{10} Sulfate	6.28	3.56	7.02	8.92										


Boyle Heights - PM10 & Constituents
Monthly Averages
µg/m3
µg/m3
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
20
18
16
14
12
10
8
6
4
2
0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
STP PM10 Mass
STP PM10 Ammonium
STP PM10 Chloride
STP PM10 Elemental Carbon
STP PM10 Nitrate
STP PM10 Potassium
STP PM10 Sulfate


Crockett - PM10 & Constituents
Monthly Averages
µg/m3
µg/m3
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
20
18
16
14
12
10
8
6
4
2
0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
STP PM10 Mass
STP PM10 Ammonium
STP PM10 Chloride
STP PM10 Elemental Carbon
STP PM10 Nitrate
STP PM10 Potassium
STP PM10 Sulfate


Fruitvale - PM10 & Constituents
Monthly Averages
µg/m3
µg/m3
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
20
18
16
14
12
10
8
6
4
2
0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
STP PM10 Mass
STP PM10 Ammonium
STP PM10 Chloride
STP PM10 Elemental Carbon
STP PM10 Nitrate
STP PM10 Potassium
STP PM10 Sulfate


Wilmington - PM10 & Constituents
Monthly Averages
µg/m3
µg/m3
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
20
18
16
14
12
10
8
6
4
2
0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
STP PM10 Mass
STP PM10 Ammonium
STP PM10 Chloride
STP PM10 Elemental Carbon
STP PM10 Nitrate
STP PM10 Potassium
STP PM10 Sulfate

STP PM_{10} – Ammonium by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	1.09	2.68	1.74	3.16	1.82				5.44	3.46	0.95	3.61	1.78	0.84
Crockett										0.13	0.84	1.28	0.20	0.18
Fruitvale										0.05	0.54	0.88	0.12	0.11
Wilmington				3.20	0.53	0.62	0.37	1.95	2.45	2.24	0.76	2.52	0.92	0.71
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	3.86	0.35	2.75											
Crockett	0.20	0.05	0.05	0.15		0.17	0.10	3.74	2.88		0.05	0.09	0.05	
Fruitvale	0.14	0.05	0.16	0.05	0.21	0.16	0.10	1.32	1.10	0.67	0.10			
Wilmington	1.74	0.09	1.01	1.93										

STP PM_{10} – Chloride by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.042	0.074	0.450	0.049	0.064				0.130	0.118	0.566	0.310	0.067	0.424
Crockett										1.008	0.694	0.323	0.173	0.543
Fruitvale										0.015	0.270	0.700	0.230	0.595
Wilmington				0.047	1.198	0.067	0.336	0.049	0.206	0.361	1.004	0.639	0.153	0.814
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.761	1.178	0.035											0.761
Crockett	2.796	2.006	2.454	0.558		0.279	0.412	0.971	1.743		0.943	0.842	0.792	2.796
Fruitvale	4.246	4.275	6.223	0.982	1.943	0.641	0.691	0.923	2.726	0.015	0.888			4.246
Wilmington	1.235	2.208	0.078	0.038										1.235

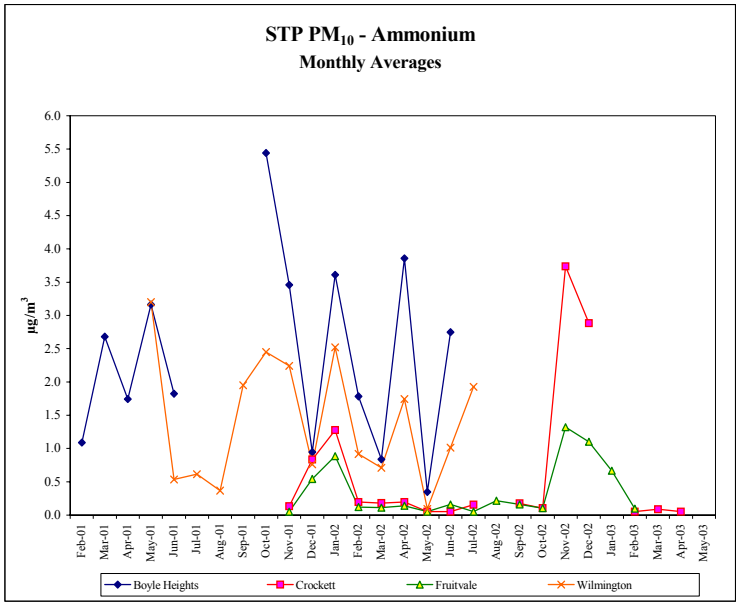
STP PM_{10} – Elemental Carbon by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.5	0.5	0.5	0.7	0.5	0.5	0.5	1.1	0.5	0.5	0.8	0.5	1.5	0.9
Crockett										0.5	0.5	0.5	0.5	0.5
Fruitvale										0.5	0.5	0.5	0.5	0.5
Wilmington				0.5	0.5	0.5	0.5	0.5	0.5	1.4	1.2	1.1	1.5	0.5
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.5	0.5	0.5											0.5
Crockett	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		0.5	0.5	0.5	0.5
Fruitvale	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.9	0.8	1.0			0.5
Wilmington	0.5	0.5	0.5	0.5										0.5

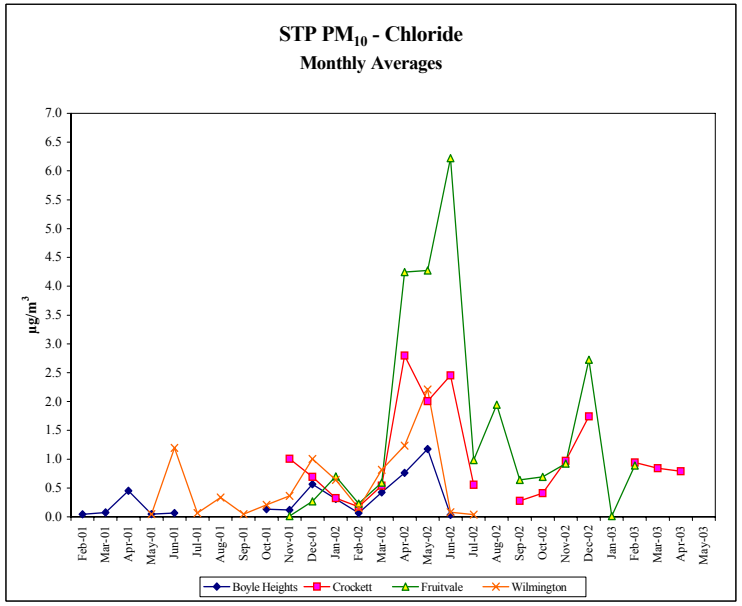
STP PM_{10} – Mass by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	26.8	46.6	33.0	47.5	46.6	39.8	38.8	55.0	59.6	56.0	33.0	52.6	57.8	32.6
Crockett										14.5	16.8	20.8	13.5	13.7
Fruitvale										18.0	20.3	30.0	15.1	20.9
Wilmington				52.0	43.7	38.0	31.0	39.6	41.0	53.0	37.3	55.7	49.6	40.0
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	31.6	39.0	39.0											31.6
Crockett	23.4	16.4	18.6	13.2		17.8	25.4	38.0	35.7		11.4	13.6	9.9	23.4
Fruitvale	28.2	22.0	30.3	17.8	26.0	19.0	22.4	34.8	28.2	24.6	18.7			28.2
Wilmington	29.0	28.4	29.2	34.7										29.0

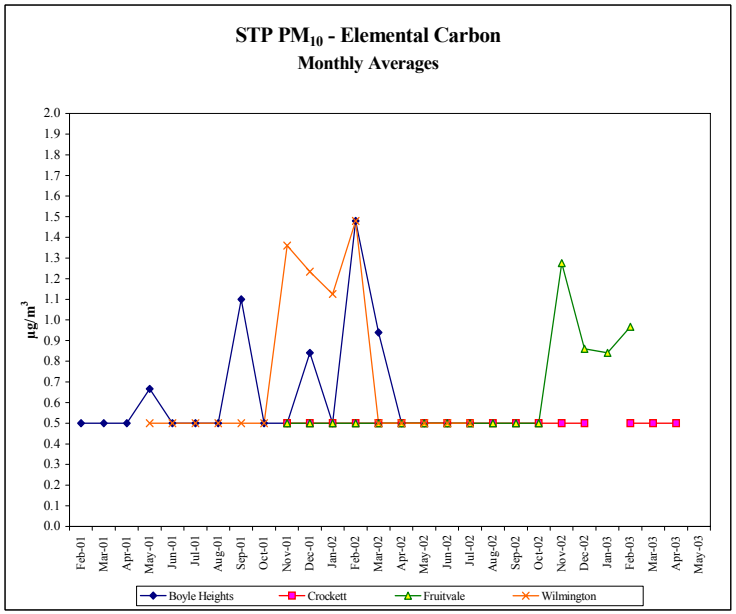
STP PM_{10} – Nitrate by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	4.61	4.61	9.80	6.98	6.76				12.86	11.24	4.72	13.42	7.30	4.78
Crockett										0.69	2.74	2.67	1.65	1.39
Fruitvale										0.83	2.37	3.30	1.95	1.91
Wilmington				7.60	3.83	2.48	3.08	3.74	5.76	7.72	3.97	10.13	4.22	5.54
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	8.80	5.10	3.70											
Crockett	1.46	1.39	1.15	0.63		0.66	1.48	9.15	8.49		0.90	0.92	0.69	
Fruitvale	1.67	1.58	1.49	1.45	1.60	1.08	2.30	4.28	3.97	1.55	0.81			
Wilmington	3.20	3.82	2.05	2.03										

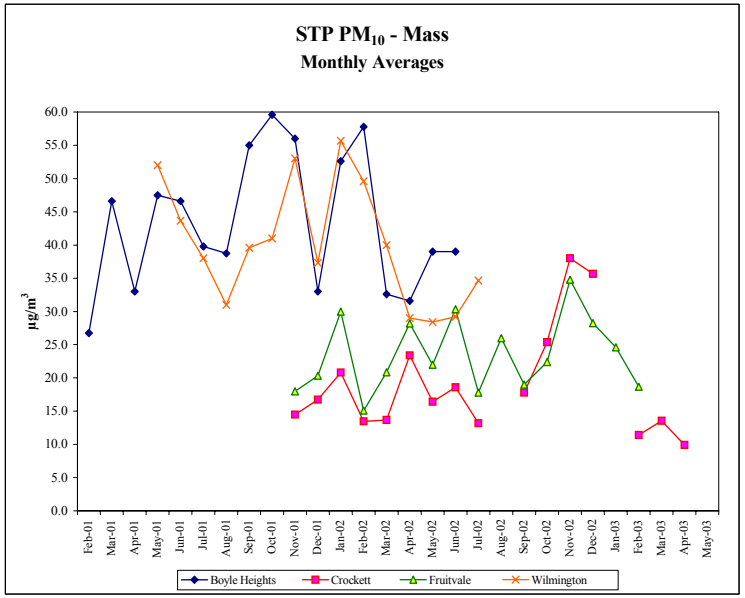
STP PM_{10} – Potassium by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.107	0.174	0.109	0.178	0.192				0.200	0.150	0.118	0.194	0.128	0.116
Crockett										0.065	0.075	0.077	0.072	0.058
Fruitvale										0.100	0.087	0.120	0.080	0.091
Wilmington				0.170	0.183	0.143	0.113	0.150	0.162	0.148	0.147	0.185	0.130	0.136
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.161	0.146	0.107											
Crockett	0.128	0.089	0.098	0.062		0.051	0.100	0.146	0.170		0.065	0.054	0.044	
Fruitvale	0.154	0.130	0.185	0.087	0.136	0.070	0.103	0.156	0.163	0.108	0.093			
Wilmington	0.111	0.144	0.146	0.144										

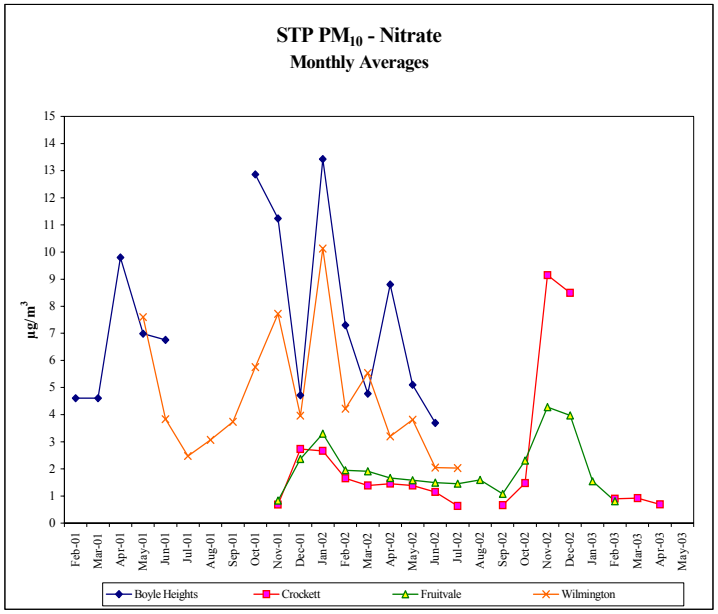
STP PM_{10} – Sulfate by Site Monthly Avg ($\mu g/m^3$)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	1.22	4.04	4.88	8.17	7.94					3.16	1.10	2.54	2.30	1.96
Crockett										1.39	1.26	2.31	1.38	1.33
Fruitvale										0.54	1.22	1.87	1.49	1.41
Wilmington				10.00	7.60	6.80	5.88	8.15	7.18	4.20	1.90	3.60	3.73	2.62
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	6.52	3.82	7.95											
Crockett	3.48	1.90	2.18	2.22		2.10	2.02	3.78	1.73		1.19	1.34	1.09	
Fruitvale	2.82	1.98	2.97	2.44	3.32	2.22	2.40	2.68	1.03	2.23	0.65			
Wilmington	6.28	3.56	7.02	8.92										

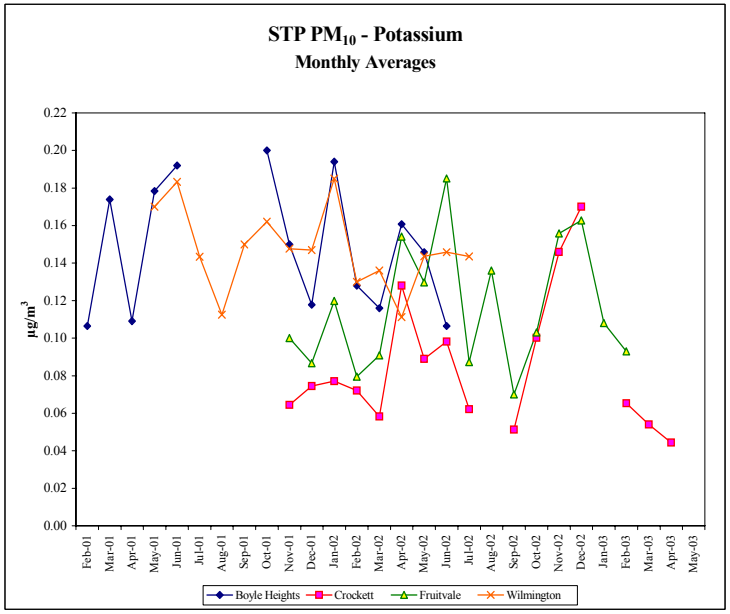

STP PM10 - Ammonium
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

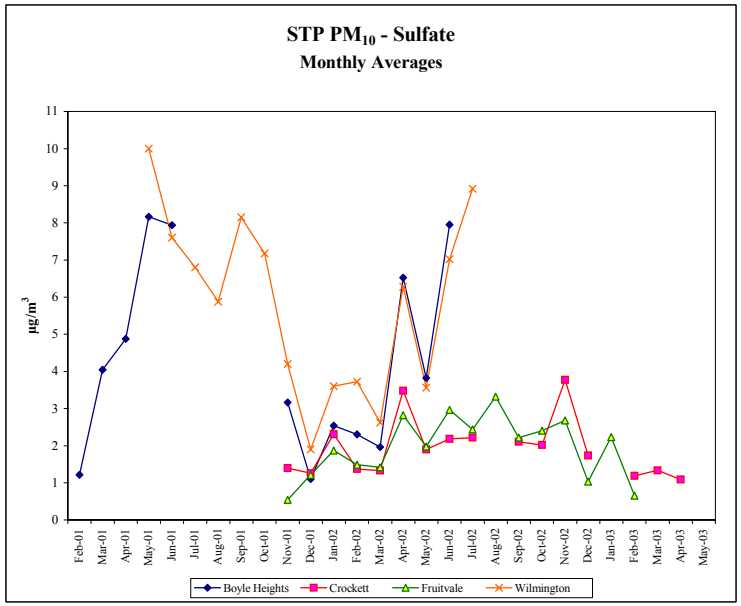

STP PM10 - Chloride
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


STP PM10 - Elemental Carbon
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


STP PM10 - Mass
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


STP PM10 - Nitrate
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


STP PM10 - Potassium
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

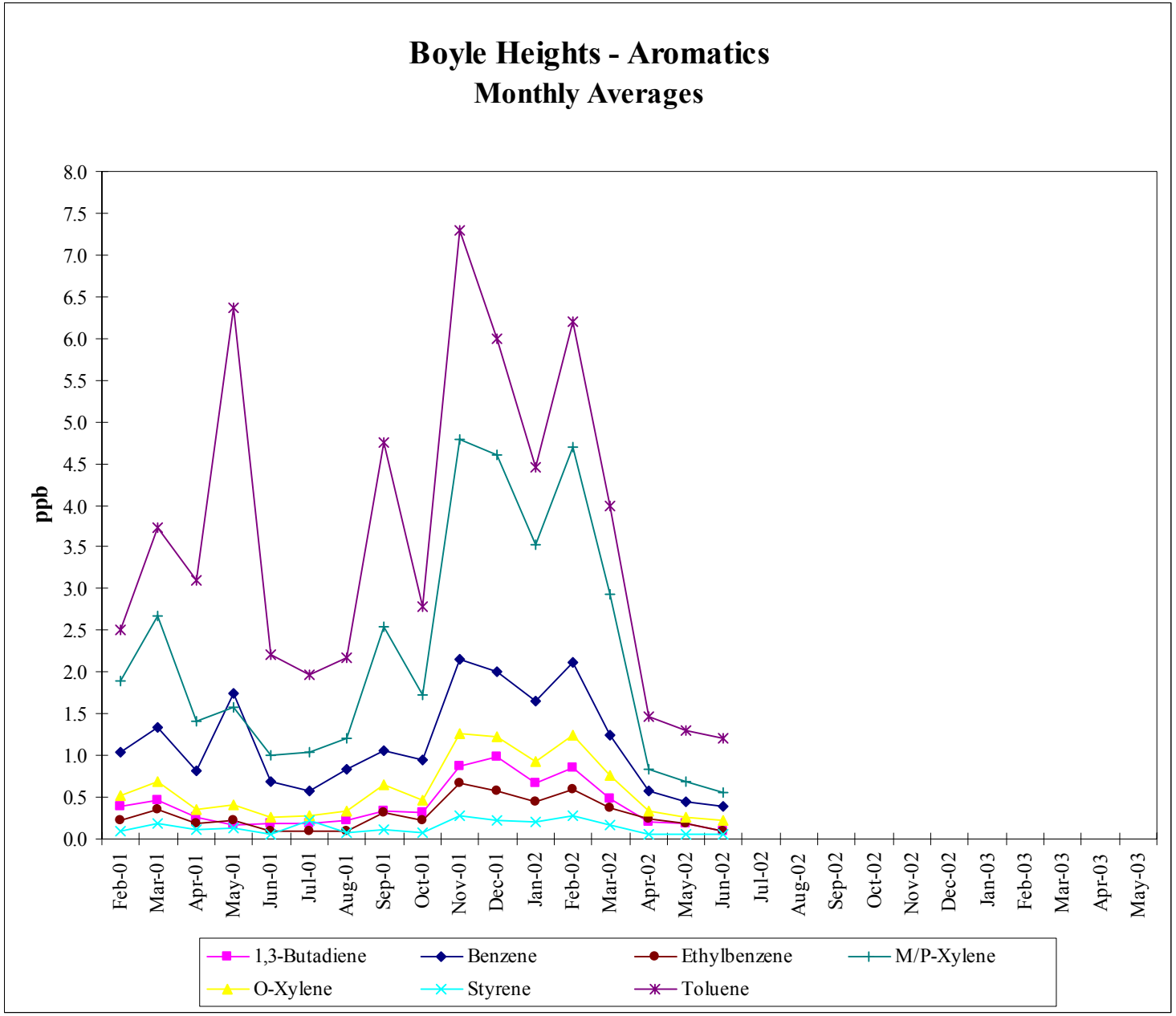

STP PM10 - Sulfate
Monthly Averages
µg/m3
Boyle Heights
Crockett
Fruitvale
Wilmington

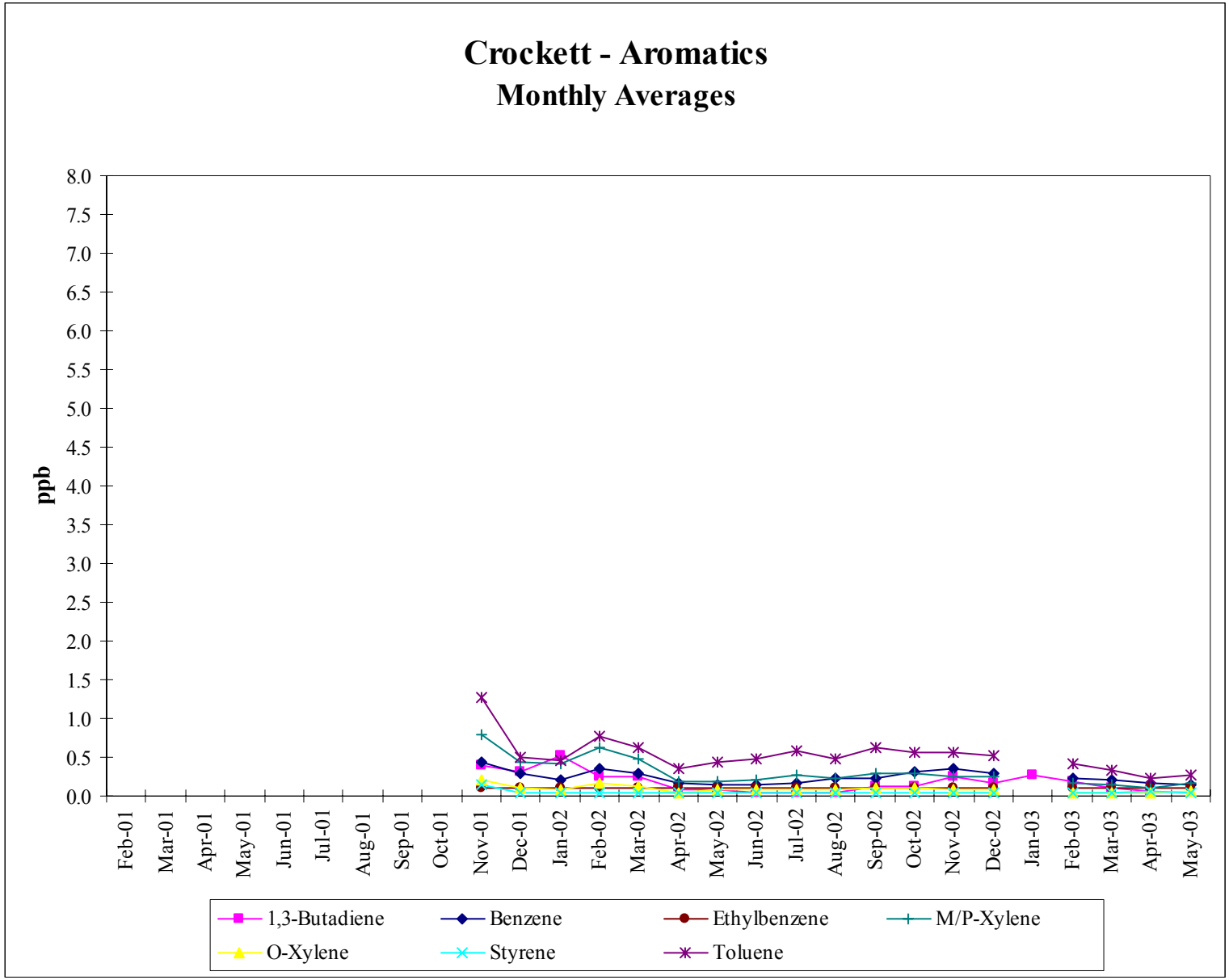
Boyle Heights – Aromatic Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
1,3-Butadiene	0.385	0.455	0.253	0.164	0.192	0.188	0.232	0.340	0.310	0.868	0.993	0.662	0.854	0.480
Benzene	1.045	1.340	0.818	1.740	0.684	0.570	0.826	1.060	0.938	2.160	2.003	1.660	2.120	1.240
Ethylbenzene	0.225	0.353	0.190	0.223	0.100	0.100	0.100	0.320	0.214	0.666	0.578	0.448	0.600	0.362
M/P-Xylene	1.900	2.675	1.410	1.577	1.004	1.046	1.200	2.550	1.726	4.780	4.600	3.520	4.700	2.940
O-Xylene	0.515	0.695	0.360	0.412	0.268	0.284	0.328	0.658	0.456	1.264	1.230	0.936	1.240	0.768
Styrene	0.095	0.188	0.103	0.130	0.062	0.222	0.068	0.118	0.070	0.286	0.230	0.198	0.282	0.168
Toluene	2.500	3.725	3.100	6.373	2.200	1.960	2.180	4.750	2.780	7.300	6.000	4.460	6.200	4.000
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
1,3-Butadiene	0.210	0.180	0.090											
Benzene	0.580	0.440	0.385											
Ethylbenzene	0.234	0.186	0.100											
M/P-Xylene	0.844	0.694	0.555											
O-Xylene	0.326	0.256	0.215											
Styrene	0.050	0.064	0.050											
Toluene	1.460	1.300	1.200											

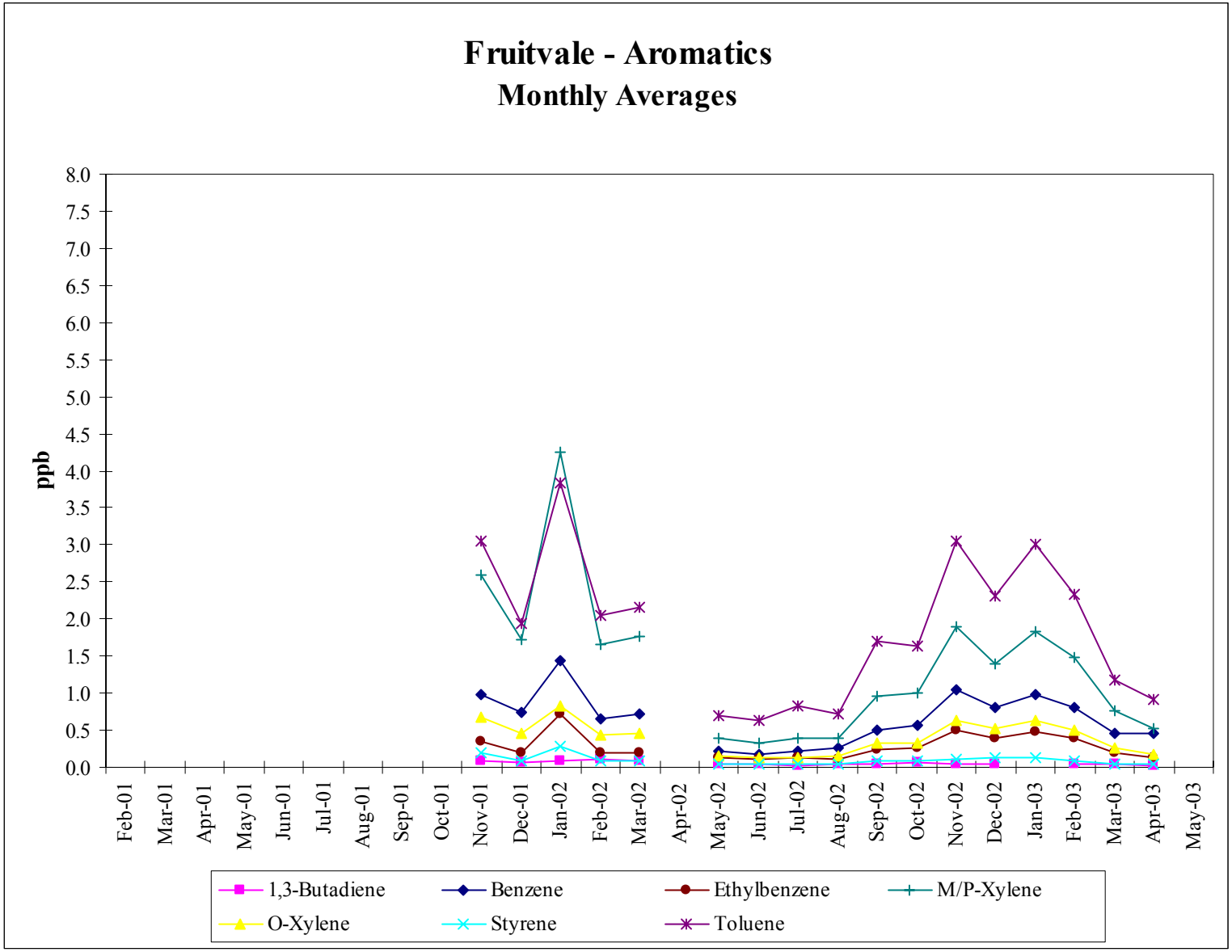
Crockett – Aromatic Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
1,3-Butadiene										0.400	0.305	0.518	0.245	0.258
Benzene										0.436	0.288	0.205	0.358	0.285
Ethylbenzene										0.100	0.100	0.100	0.100	0.100
M/P-Xylene										0.79	0.43	0.43	0.62	0.48
O-Xylene										0.208	0.108	0.085	0.160	0.120
Styrene										0.136	0.050	0.050	0.050	0.050
Toluene										1.28	0.51	0.47	0.77	0.63
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
1,3-Butadiene	0.074	0.081	0.033	0.035	0.045	0.116	0.128	0.251	0.170	0.28	0.181	0.103	0.073	
Benzene	0.162	0.151	0.146	0.175	0.236	0.220	0.315	0.363	0.300		0.237	0.202	0.166	0.148
Ethylbenzene	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.100	0.100	0.100	0.100
M/P-Xylene	0.18	0.19	0.21	0.28	0.23	0.29	0.28	0.26	0.26		0.177	0.152	0.100	0.168
O-Xylene	0.050	0.076	0.076	0.092	0.084	0.094	0.103	0.088	0.087		0.050	0.050	0.050	0.064
Styrene	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050		0.050	0.050	0.072	0.050
Toluene	0.35	0.44	0.48	0.58	0.48	0.63	0.553	0.568	0.513		0.410	0.328	0.226	0.270

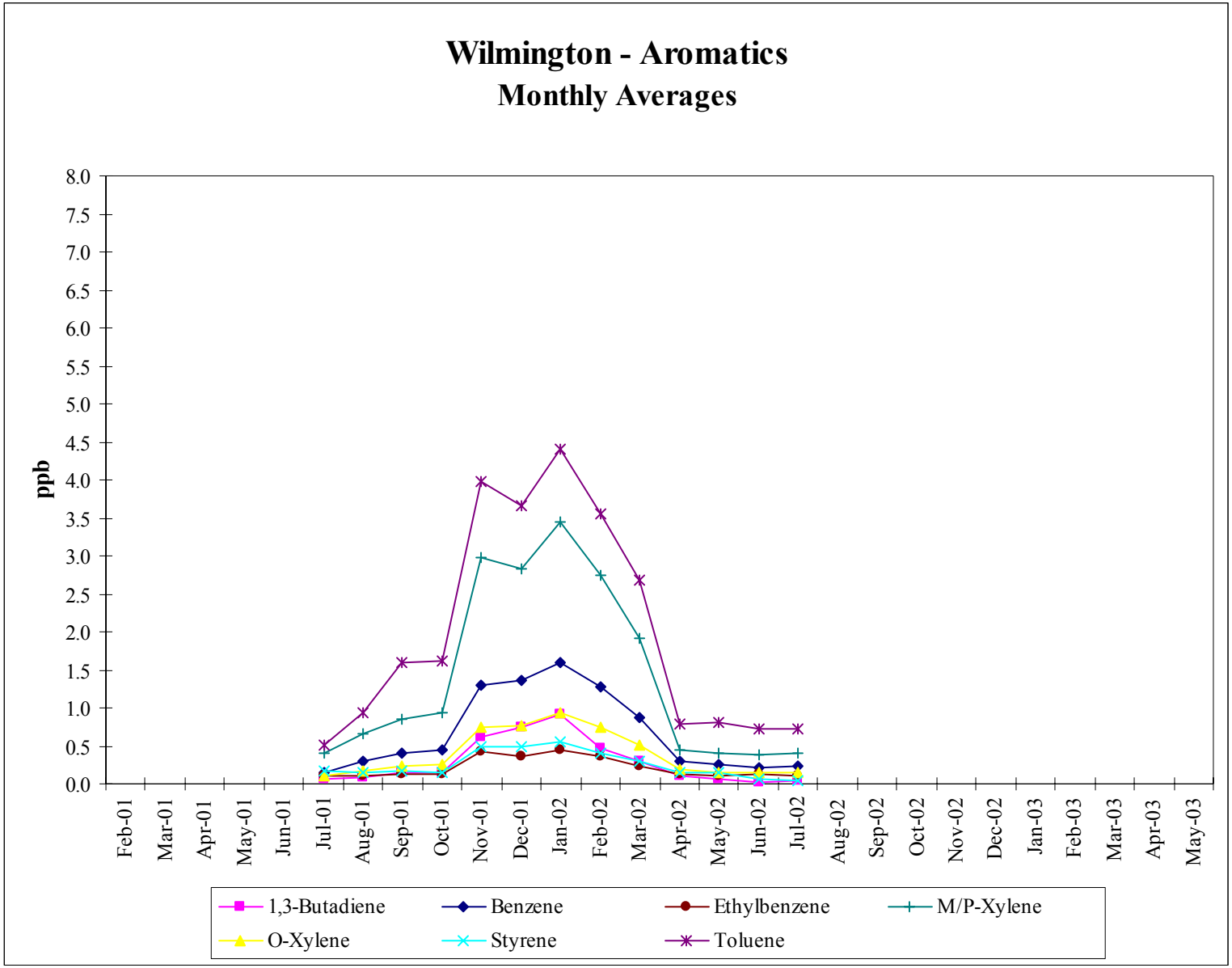
Fruitvale – Aromatic Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
1,3-Butadiene										0.088	0.073	0.084	0.109	0.086
Benzene										0.990	0.743	1.446	0.663	0.720
Ethylbenzene										0.340	0.188	0.730	0.205	0.190
M/P-Xylene										2.60	1.73	4.26	1.65	1.76
O-Xylene										0.680	0.458	0.826	0.428	0.448
Styrene										0.200	0.098	0.274	0.093	0.082
Toluene										3.05	1.95	3.84	2.05	2.16
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
1,3-Butadiene		0.041	0.036	0.031	0.033	0.038	0.055	0.048	0.039		0.040	0.051	0.020	
Benzene		0.220	0.178	0.213	0.265	0.495	0.560	1.044	0.810	0.982	0.806	0.450	0.448	
Ethylbenzene		0.124	0.100	0.133	0.100	0.238	0.262	0.496	0.396	0.482	0.398	0.196	0.122	
M/P-Xylene		0.39	0.32	0.39	0.39	0.97	1.00	1.89	1.40	1.836	1.484	0.756	0.532	
O-Xylene		0.144	0.120	0.128	0.145	0.328	0.324	0.638	0.516	0.634	0.496	0.256	0.182	
Styrene		0.050	0.050	0.050	0.050	0.083	0.080	0.114	0.126	0.12	0.080	0.050	0.050	
Toluene		0.70	0.64	0.83	0.72	1.71	1.638	3.060	2.308	3	2.342	1.180	0.922	

Wilmington – Aromatic Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
1,3-Butadiene						0.062	0.086	0.151	0.156	0.615	0.740	0.908	0.478	0.302
Benzene						0.145	0.290	0.408	0.456	1.288	1.360	1.600	1.278	0.882
Ethylbenzene						0.100	0.100	0.124	0.124	0.420	0.366	0.443	0.355	0.224
M/P-Xylene						0.410	0.660	0.858	0.928	2.975	2.820	3.450	2.750	1.920
O-Xylene						0.110	0.178	0.234	0.248	0.740	0.770	0.938	0.738	0.514
Styrene						0.180	0.150	0.162	0.152	0.490	0.488	0.545	0.410	0.300
Toluene						0.510	0.932	1.598	1.620	3.975	3.660	4.400	3.550	2.680
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
1,3-Butadiene	0.099	0.066	0.031	0.041										
Benzene	0.303	0.246	0.206	0.230										
Ethylbenzene	0.125	0.100	0.122	0.100										
M/P-Xylene	0.445	0.414	0.380	0.413										
O-Xylene	0.193	0.148	0.148	0.147										
Styrene	0.148	0.154	0.068	0.050										
Toluene	0.778	0.798	0.718	0.728										


Boyle Heights - Aromatics
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
1,3-Butadiene
Benzene
Ethylbenzene
M/P-Xylene
O-Xylene
Styrene
Toluene


Crockett - Aromatics
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
1,3-Butadiene
Benzene
Ethylbenzene
M/P-Xylene
O-Xylene
Styrene
Toluene


Fruitvale - Aromatics
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
1,3-Butadiene
Benzene
Ethylbenzene
M/P-Xylene
O-Xylene
Styrene
Toluene


Wilmington - Aromatics
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
1,3-Butadiene
Benzene
Ethylbenzene
M/P-Xylene
O-Xylene
Styrene
Toluene

Aromatic Compound - 1,3-Butadiene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.385	0.455	0.253	0.164	0.192	0.188	0.232	0.340	0.310	0.868	0.993	0.662	0.854	0.480
Crockett										0.088	0.073	0.084	0.109	0.086
Fruitvale										0.400	0.305	0.518	0.245	0.258
Wilmington						0.062	0.086	0.151	0.156	0.615	0.740	0.908	0.478	0.302
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.210	0.180	0.090											
Crockett	0.051	0.041	0.036	0.031	0.033	0.038	0.055	0.048	0.039		0.040	0.051	0.020	0.020
Fruitvale	0.074	0.081	0.033	0.035	0.045	0.116	0.128	0.251	0.170	0.28	0.181	0.103	0.073	
Wilmington	0.099	0.066	0.031	0.041										

Aromatic Compound - Benzene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	1.045	1.340	0.818	1.740	0.684	0.570	0.826	1.060	0.938	2.160	2.003	1.660	2.120	1.240
Crockett										0.436	0.288	0.205	0.358	0.285
Fruitvale										0.990	0.743	1.446	0.663	0.720
Wilmington						0.145	0.290	0.408	0.456	1.288	1.360	1.600	1.278	0.882
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.580	0.440	0.385											
Crockett	0.162	0.151	0.146	0.175	0.236	0.220	0.315	0.363	0.300		0.237	0.202	0.166	0.148
Fruitvale	0.218	0.220	0.178	0.213	0.265	0.495	0.560	1.044	0.810	0.982	0.806	0.450	0.448	
Wilmington	0.303	0.246	0.206	0.230										

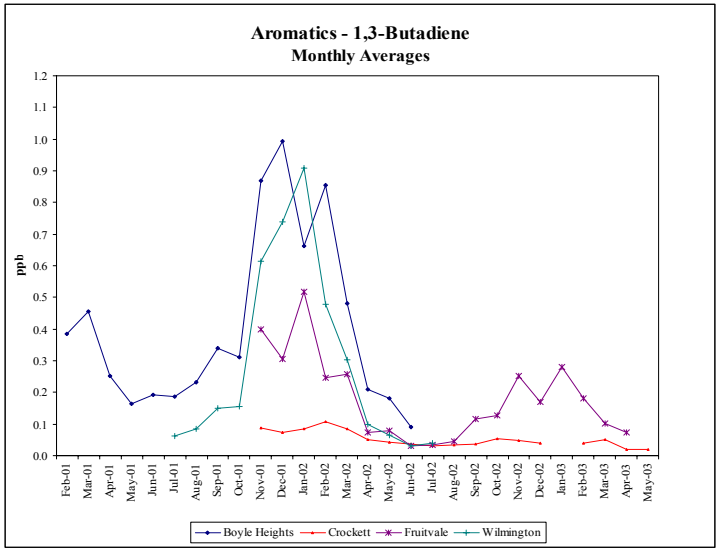
Aromatic Compound - Ethylbenzene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.225	0.353	0.190	0.223	0.100	0.100	0.100	0.320	0.214	0.666	0.578	0.448	0.600	0.362
Crockett										0.100	0.100	0.100	0.100	0.100
Fruitvale										0.340	0.188	0.730	0.205	0.190
Wilmington						0.100	0.100	0.124	0.124	0.420	0.366	0.443	0.355	0.224
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.234	0.186	0.100											
Crockett	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.100	0.100	0.100	0.100
Fruitvale	0.100	0.124	0.100	0.133	0.100	0.238	0.262	0.496	0.396	0.482	0.398	0.196	0.122	
Wilmington	0.125	0.100	0.122	0.100										

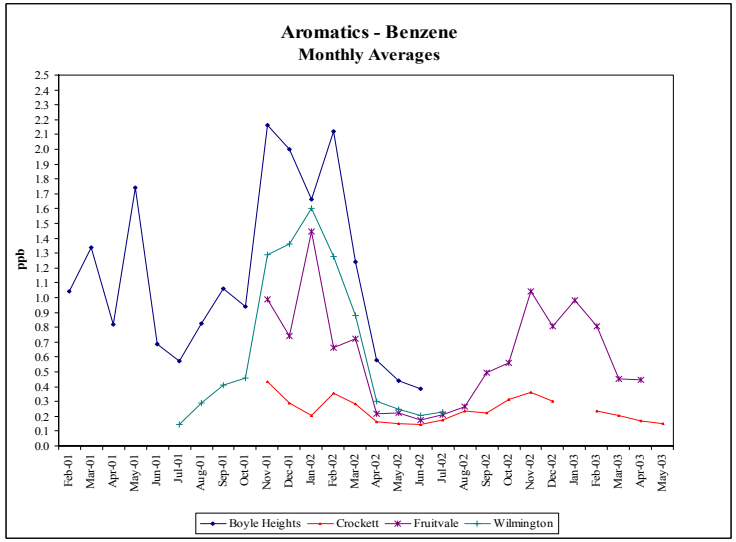
Aromatic Compound - M/P-Xylene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	1.900	2.675	1.410	1.577	1.004	1.046	1.200	2.550	1.726	4.780	4.600	3.520	4.700	2.940
Crockett										0.79	0.43	0.43	0.62	0.48
Fruitvale										2.60	1.73	4.26	1.65	1.76
Wilmington						0.410	0.660	0.858	0.928	2.975	2.820	3.450	2.750	1.920
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.844	0.694	0.555											
Crockett	0.18	0.19	0.21	0.28	0.23	0.29	0.28	0.26	0.26		0.177	0.152	0.100	0.168
Fruitvale	0.42	0.39	0.32	0.39	0.39	0.97	1.00	1.89	1.40	1.836	1.484	0.756	0.532	
Wilmington	0.445	0.414	0.380	0.413										

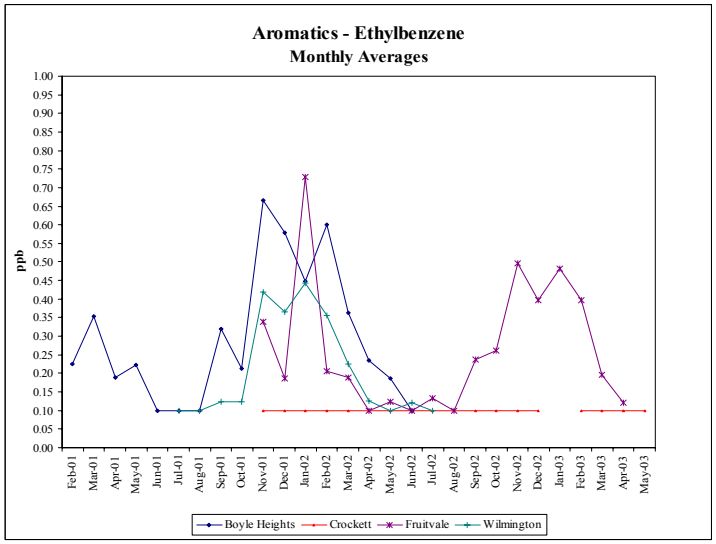
Aromatic Compound - O-Xylene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.515	0.695	0.360	0.412	0.268	0.284	0.328	0.658	0.456	1.264	1.230	0.936	1.240	0.768
Crockett										0.208	0.108	0.085	0.160	0.120
Fruitvale										0.680	0.458	0.826	0.428	0.448
Wilmington						0.110	0.178	0.234	0.248	0.740	0.770	0.938	0.738	0.514
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.326	0.256	0.215											
Crockett	0.050	0.076	0.076	0.092	0.084	0.094	0.103	0.088	0.087		0.050	0.050	0.050	0.064
Fruitvale	0.120	0.144	0.120	0.128	0.145	0.328	0.324	0.638	0.516	0.634	0.496	0.256	0.182	
Wilmington	0.193	0.148	0.148	0.147										

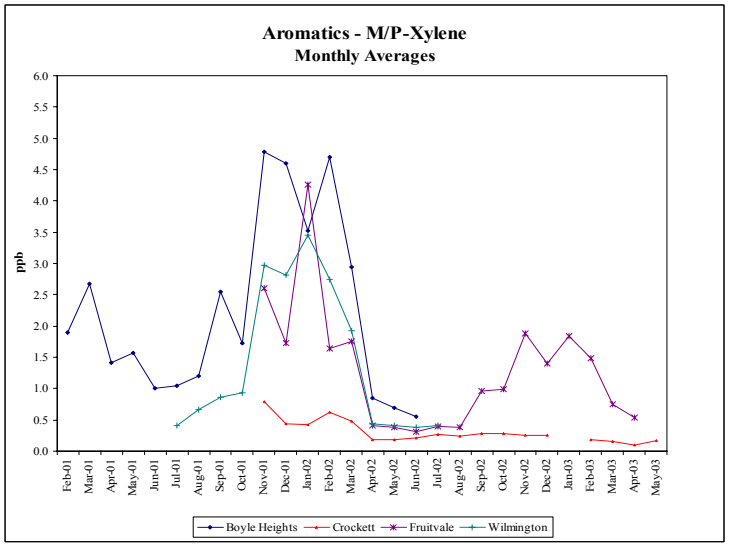
Aromatic Compound - Styrene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.095	0.188	0.103	0.130	0.062	0.222	0.068	0.118	0.070	0.286	0.230	0.198	0.282	0.168
Crockett										0.136	0.050	0.050	0.050	0.050
Fruitvale										0.200	0.098	0.274	0.093	0.082
Wilmington						0.180	0.150	0.162	0.152	0.490	0.488	0.545	0.410	0.300
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.050	0.064	0.050											
Crockett	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050		0.050	0.050	0.072	0.050
Fruitvale	0.050	0.050	0.050	0.050	0.050	0.083	0.080	0.114	0.126	0.12	0.080	0.050	0.050	
Wilmington	0.148	0.154	0.068	0.050										

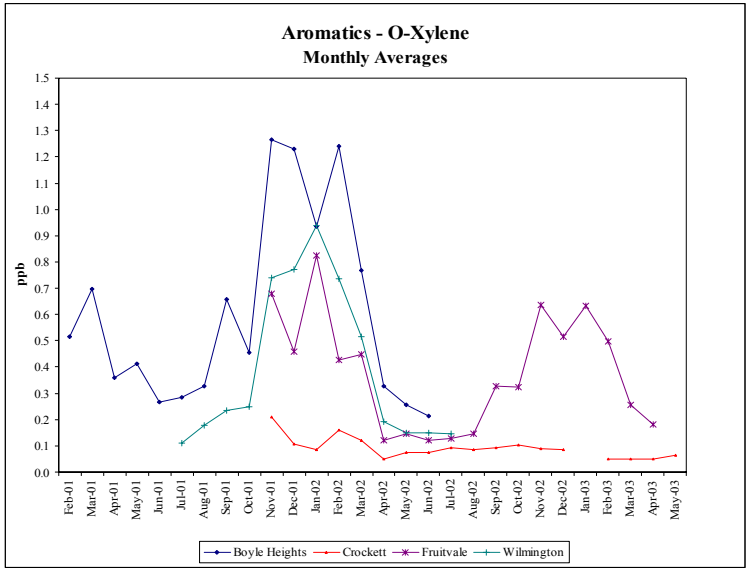
Aromatic Compound - Toluene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	2.500	3.725	3.100	6.373	2.200	1.960	2.180	4.750	2.780	7.300	6.000	4.460	6.200	4.000
Crockett										1.280	0.510	0.470	0.770	0.630
Fruitvale										3.050	1.950	3.840	2.050	2.160
Wilmington						0.510	0.932	1.598	1.620	3.975	3.660	4.400	3.550	2.680
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1.460	1.300	1.200											
Crockett	0.35	0.440	0.480	0.580	0.480	0.630	0.553	0.568	0.513		0.410	0.328	0.226	0.270
Fruitvale	0.57	0.700	0.640	0.830	0.720	1.710	1.638	3.060	2.308	3.000	2.342	1.180	0.922	
Wilmington	0.778	0.798	0.718	0.728										

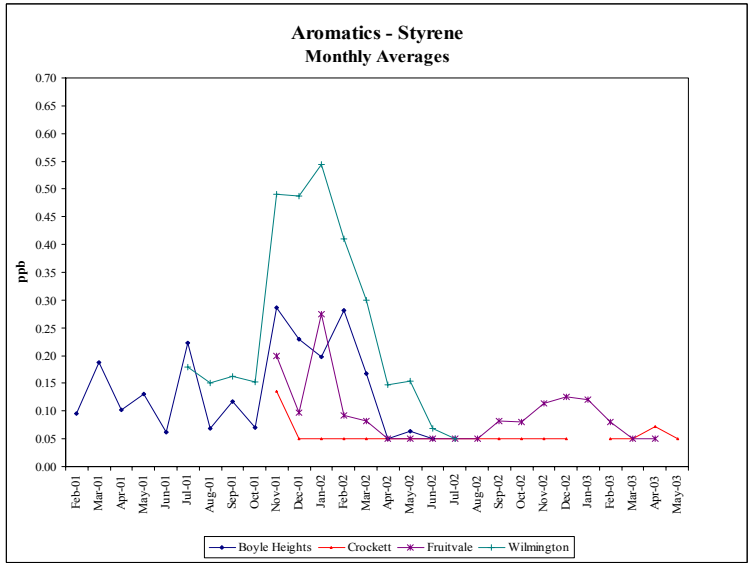

Aromatics - 1,3-Butadiene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington

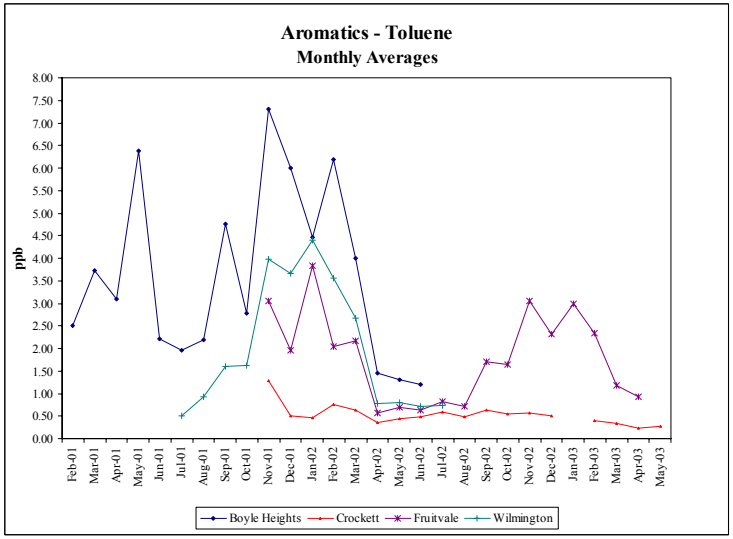

Aromatics - Benzene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington


Aromatics - Ethylbenzene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington


Aromatics - M/P-Xylene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington


Aromatics - O-Xylene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington


Aromatics - Styrene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington

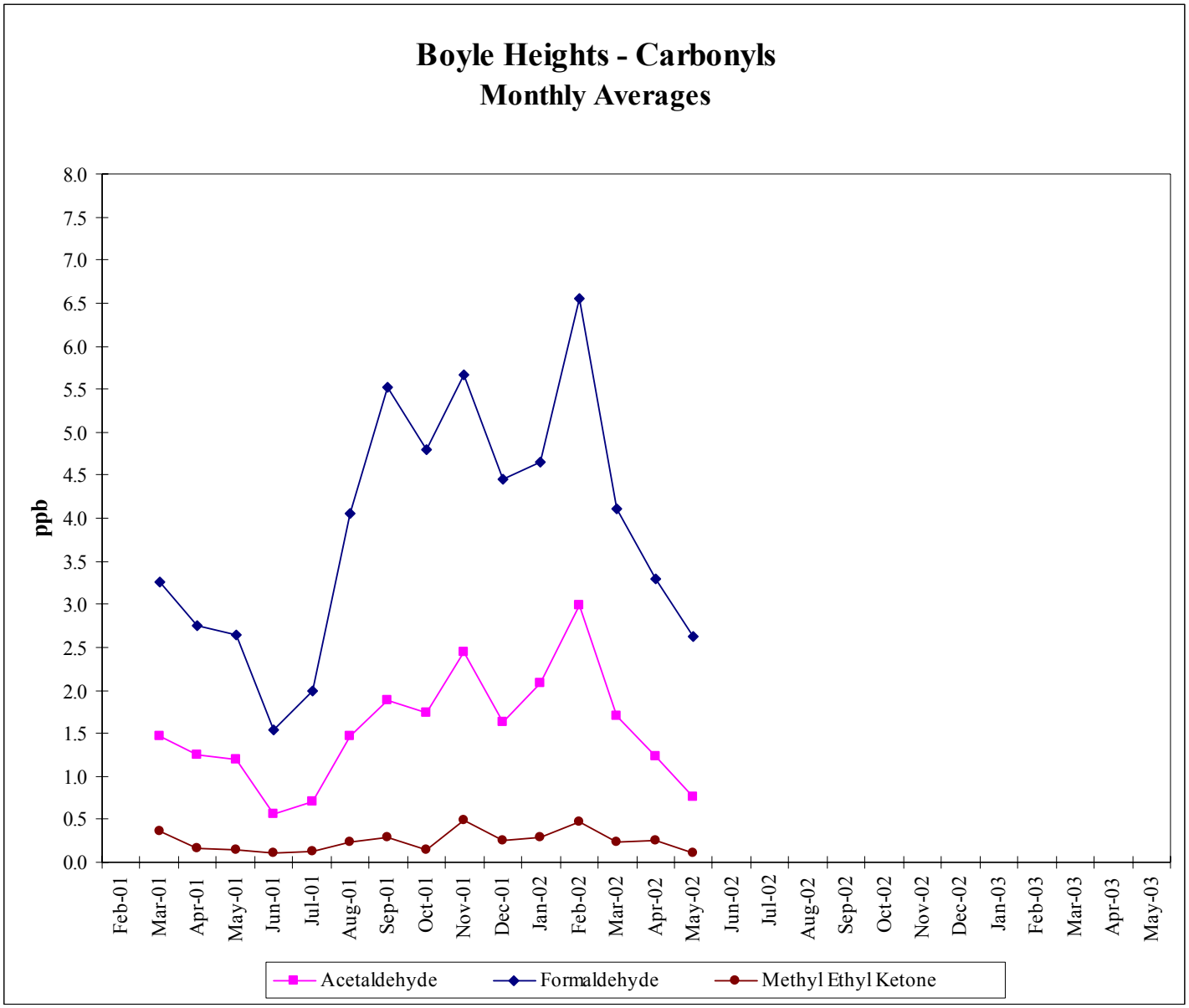

Aromatics - Toluene
Monthly Averages
ppb
Boyle Heights
Crockett
Fruitvale
Wilmington

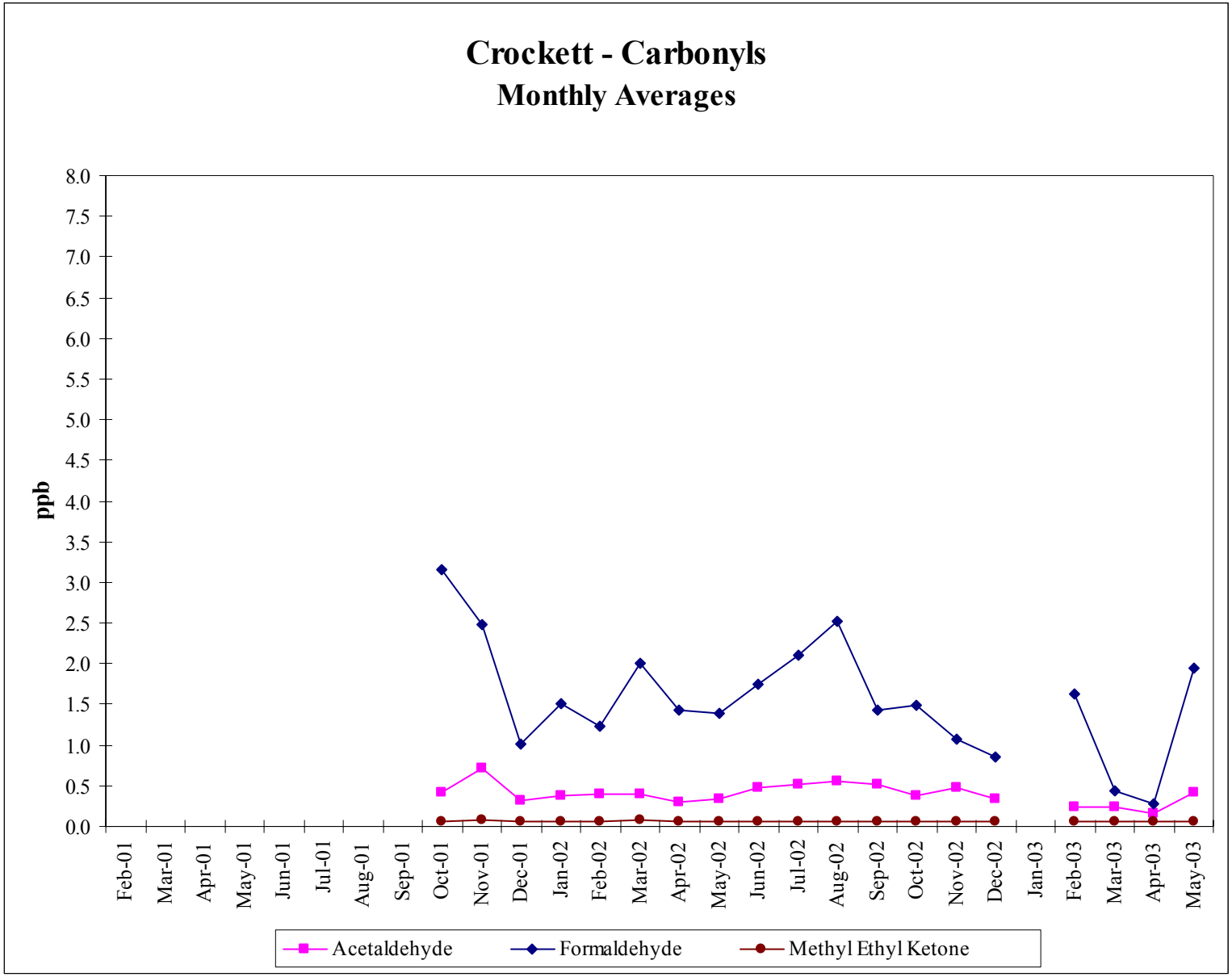
Boyle Heights – Carbonyl Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Acetaldehyde		1.458	1.252	1.192	0.556	0.713	1.460	1.875	1.738	2.440	1.626	2.075	2.980	1.700
Formaldehyde		3.260	2.760	2.650	1.540	2.000	4.060	5.525	4.800	5.660	4.460	4.650	6.560	4.100
Methyl Ethyl Ketone		0.366	0.168	0.150	0.108	0.125	0.244	0.298	0.148	0.488	0.246	0.298	0.472	0.234
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Acetaldehyde	1.230	0.765												
Formaldehyde	3.300	2.625												
Methyl Ethyl Ketone	0.254	0.113												

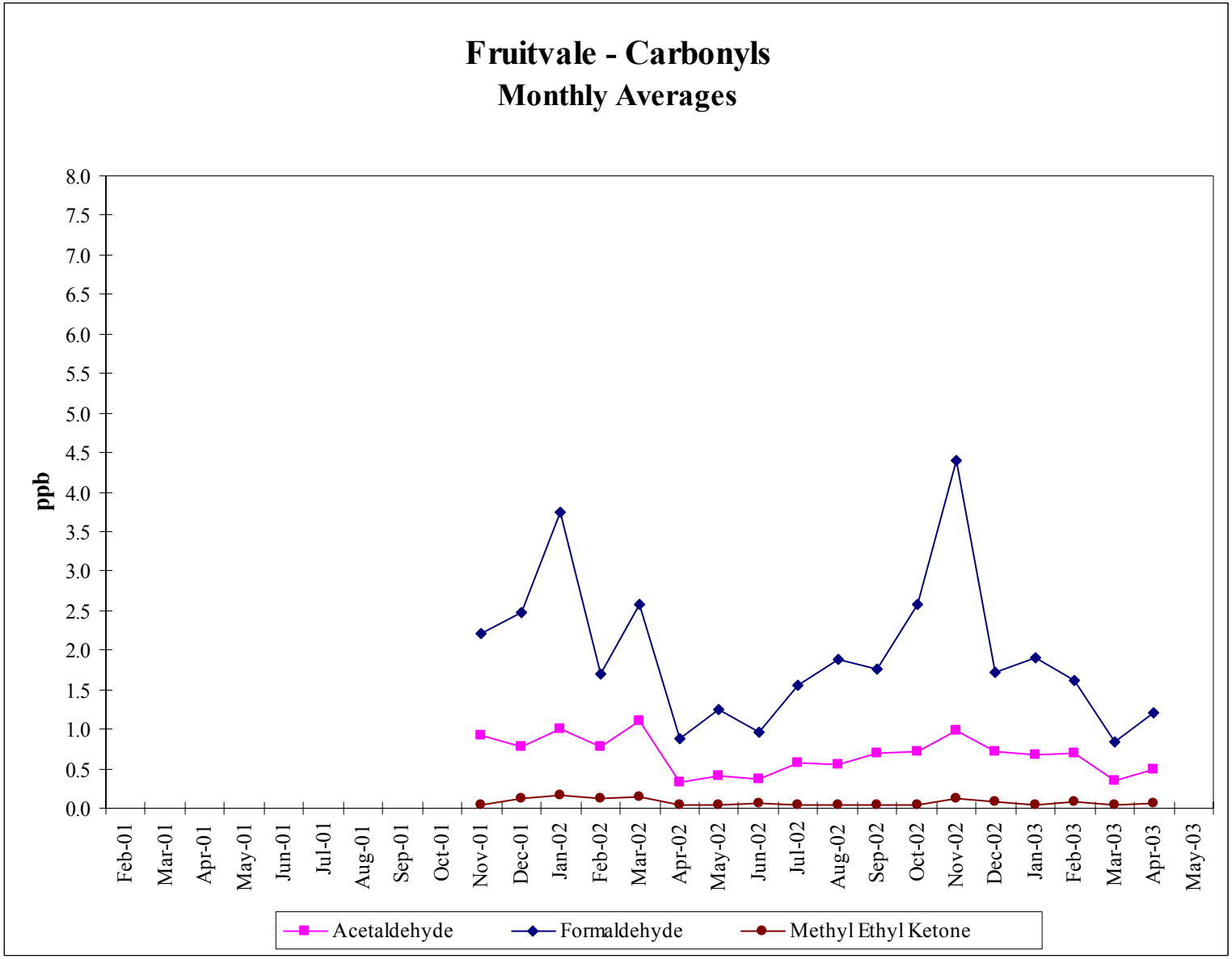
Crockett – Carbonyl Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Acetaldehyde									0.425	0.710	0.318	0.380	0.398	0.405
Formaldehyde									3.150	2.480	1.018	1.515	1.230	2.008
Methyl Ethyl Ketone									0.050	0.086	0.050	0.050	0.068	0.080
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Acetaldehyde	0.298	0.342	0.472	0.510	0.558	0.520	0.387	0.480	0.347		0.240	0.232	0.152	0.422
Formaldehyde	1.420	1.382	1.738	2.100	2.525	1.428	1.497	1.075	0.847		1.633	0.436	0.278	1.948
Methyl Ethyl Ketone	0.060	0.050	0.060	0.050	0.050	0.050	0.050	0.050	0.067		0.050	0.050	0.050	0.050

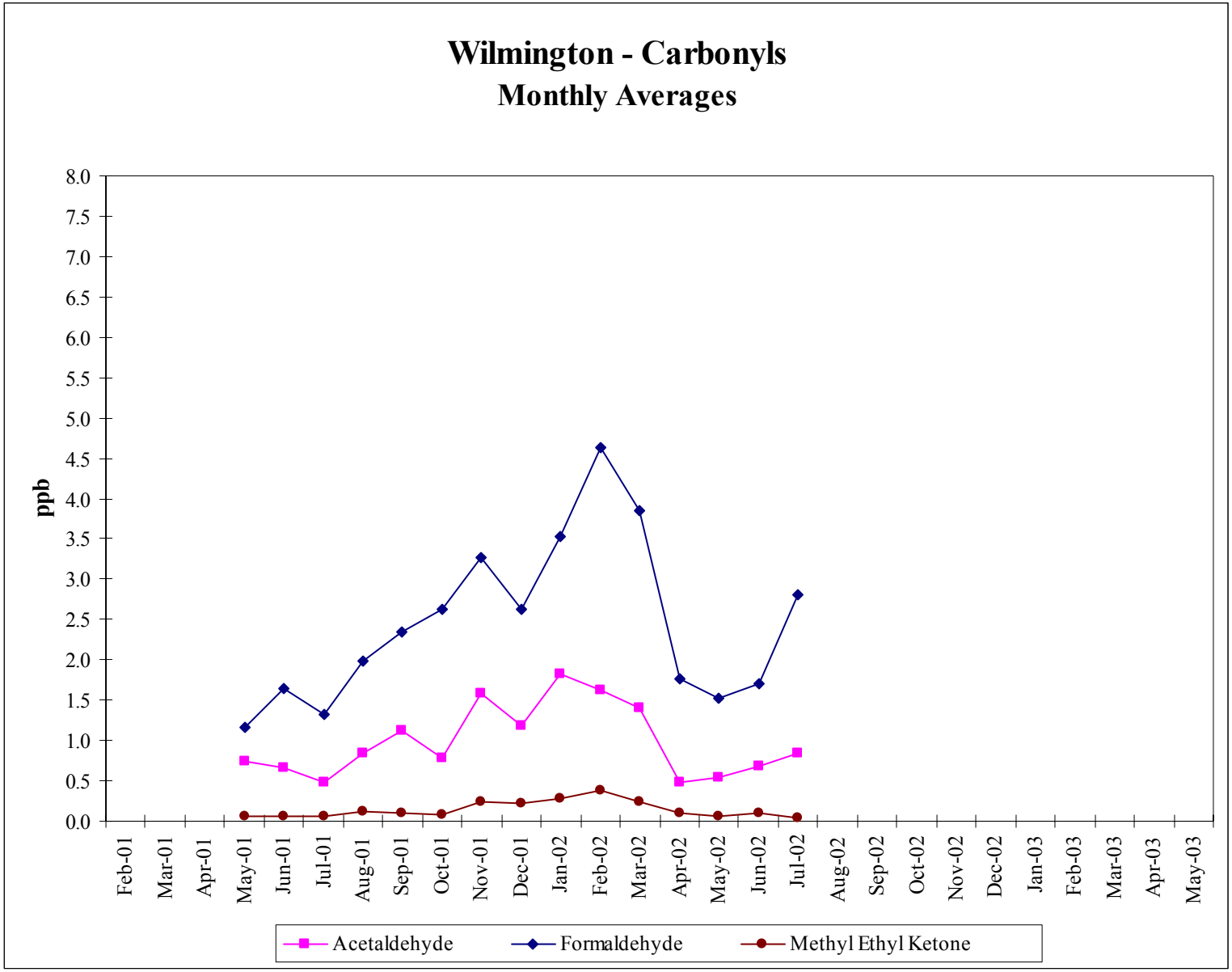
Fruitvale – Carbonyl Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Acetaldehyde										0.925	0.773	0.998	0.780	1.115
Formaldehyde										2.200	2.475	3.750	1.700	2.575
Methyl Ethyl Ketone										0.050	0.120	0.170	0.118	0.138
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Acetaldehyde	0.334	0.414	0.378	0.583	0.560	0.698	0.713	0.992	0.708	0.685	0.698	0.356	0.485	
Formaldehyde	0.882	1.240	0.968	1.555	1.875	1.750	2.575	4.400	1.714	1.900	1.614	0.846	1.207	
Methyl Ethyl Ketone	0.050	0.050	0.063	0.050	0.050	0.050	0.050	0.116	0.082	0.050	0.080	0.050	0.068	

Wilmington – Carbonyl Compounds Monthly Avg (ppb)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Acetaldehyde				0.74	0.67	0.48	0.84	1.13	0.79	1.59	1.17	1.82	1.62	1.40
Formaldehyde				1.17	1.65	1.32	1.98	2.34	2.62	3.26	2.62	3.52	4.64	3.84
Methyl Ethyl Ketone				0.07	0.06	0.06	0.13	0.10	0.07	0.24	0.22	0.29	0.38	0.24
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Acetaldehyde	0.49	0.54	0.68	0.85										
Formaldehyde	1.76	1.52	1.70	2.80										
Methyl Ethyl Ketone	0.10	0.06	0.09	0.05										


Boyle Heights - Carbonyls
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Acetaldehyde
Formaldehyde
Methyl Ethyl Ketone


Crockett - Carbonyls
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Acetaldehyde
Formaldehyde
Methyl Ethyl Ketone

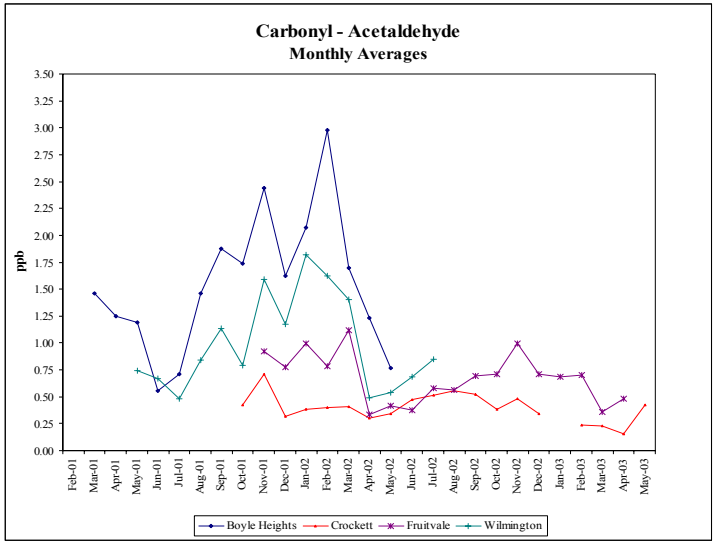

Fruitvale - Carbonyls
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Acetaldehyde
Formaldehyde
Methyl Ethyl Ketone

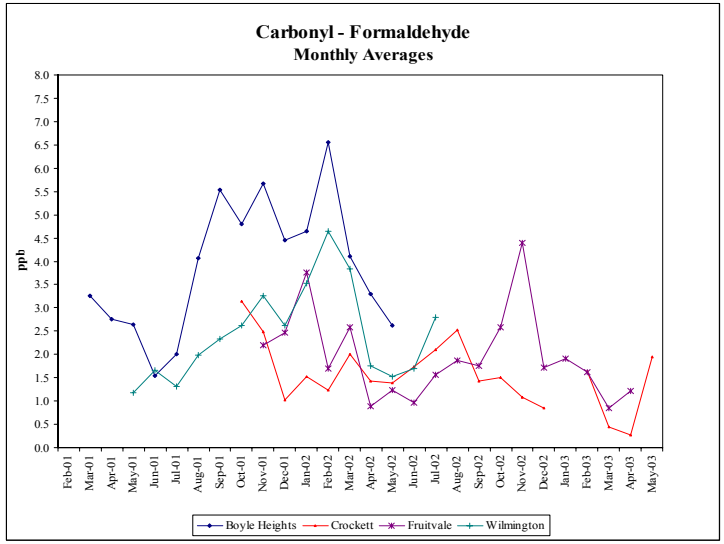

Wilmington - Carbonyls
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Acetaldehyde
Formaldehyde
Methyl Ethyl Ketone

Carbonyl Compound - Acetaldehyde by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		1.458	1.252	1.192	0.556	0.713	1.460	1.875	1.738	2.440	1.626	2.075	2.980	1.700
Crockett									0.425	0.710	0.318	0.380	0.398	0.405
Fruitvale										0.925	0.773	0.998	0.780	1.115
Wilmington				0.740	0.668	0.484	0.838	1.132	0.790	1.588	1.174	1.820	1.620	1.400
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	1.230	0.765												
Crockett	0.298	0.342	0.472	0.510	0.558	0.520	0.387	0.480	0.347		0.240	0.232	0.152	0.422
Fruitvale	0.334	0.414	0.378	0.583	0.560	0.698	0.713	0.992	0.708	0.685	0.698	0.356	0.485	
Wilmington	0.488	0.542	0.684	0.846										

Carbonyl Compound - Formaldehyde by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		3.260	2.760	2.650	1.540	2.000	4.060	5.525	4.800	5.660	4.460	4.650	6.560	4.100
Crockett									3.150	2.480	1.018	1.515	1.230	2.008
Fruitvale										2.200	2.475	3.750	1.700	2.575
Wilmington				1.170	1.650	1.320	1.980	2.340	2.620	3.260	2.620	3.520	4.640	3.840
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	3.300	2.625												
Crockett	1.420	1.382	1.738	2.100	2.525	1.428	1.497	1.075	0.847		1.633	0.436	0.278	1.948
Fruitvale	0.882	1.240	0.968	1.555	1.875	1.750	2.575	4.400	1.714	1.900	1.614	0.846	1.207	
Wilmington	1.755	1.524	1.700	2.800										

Carbonyl Compound - Methyl Ethyl Ketone by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights		0.366	0.168	0.150	0.108	0.125	0.244	0.298	0.148	0.488	0.246	0.298	0.472	0.234
Crockett									0.050	0.086	0.050	0.050	0.068	0.080
Fruitvale										0.050	0.120	0.170	0.118	0.138
Wilmington				0.070	0.063	0.064	0.128	0.100	0.074	0.238	0.218	0.286	0.380	0.244
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Crockett	0.060	0.050	0.060	0.050	0.050	0.050	0.050	0.050	0.067		0.050	0.050	0.050	0.050
Fruitvale	0.050	0.050	0.063	0.050	0.050	0.050	0.050	0.116	0.082	0.050	0.080	0.050	0.068	
Wilmington	0.103	0.062	0.092	0.050										


Carbonyl - Acetaldehyde
Monthly Averages
ppb
3.50
3.25
3.00
2.75
2.50
2.25
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Boyle Heights
Crockett
Fruitvale
Wilmington


Carbonyl - Formaldehyde
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
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Sep-01
Oct-01
Nov-01
Dec-01
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Feb-02
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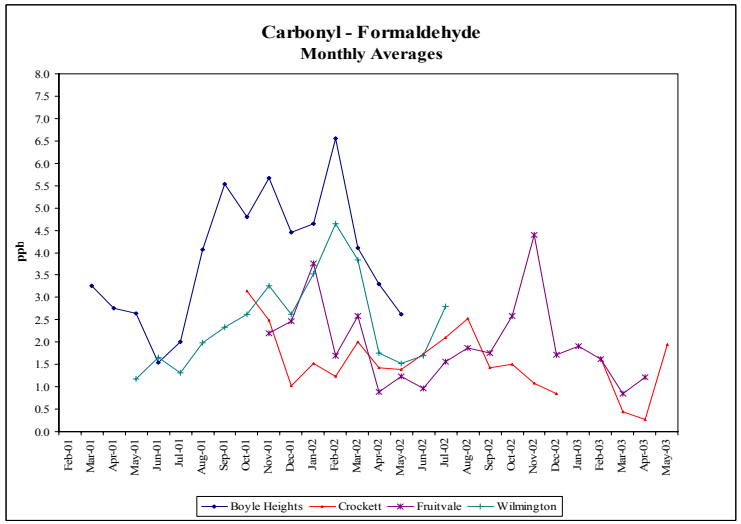
Feb-03
Mar-03
Apr-03
May-03
Boyle Heights
Crockett
Fruitvale
Wilmington


Carbonyl - Formaldehyde
Monthly Averages
ppb
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
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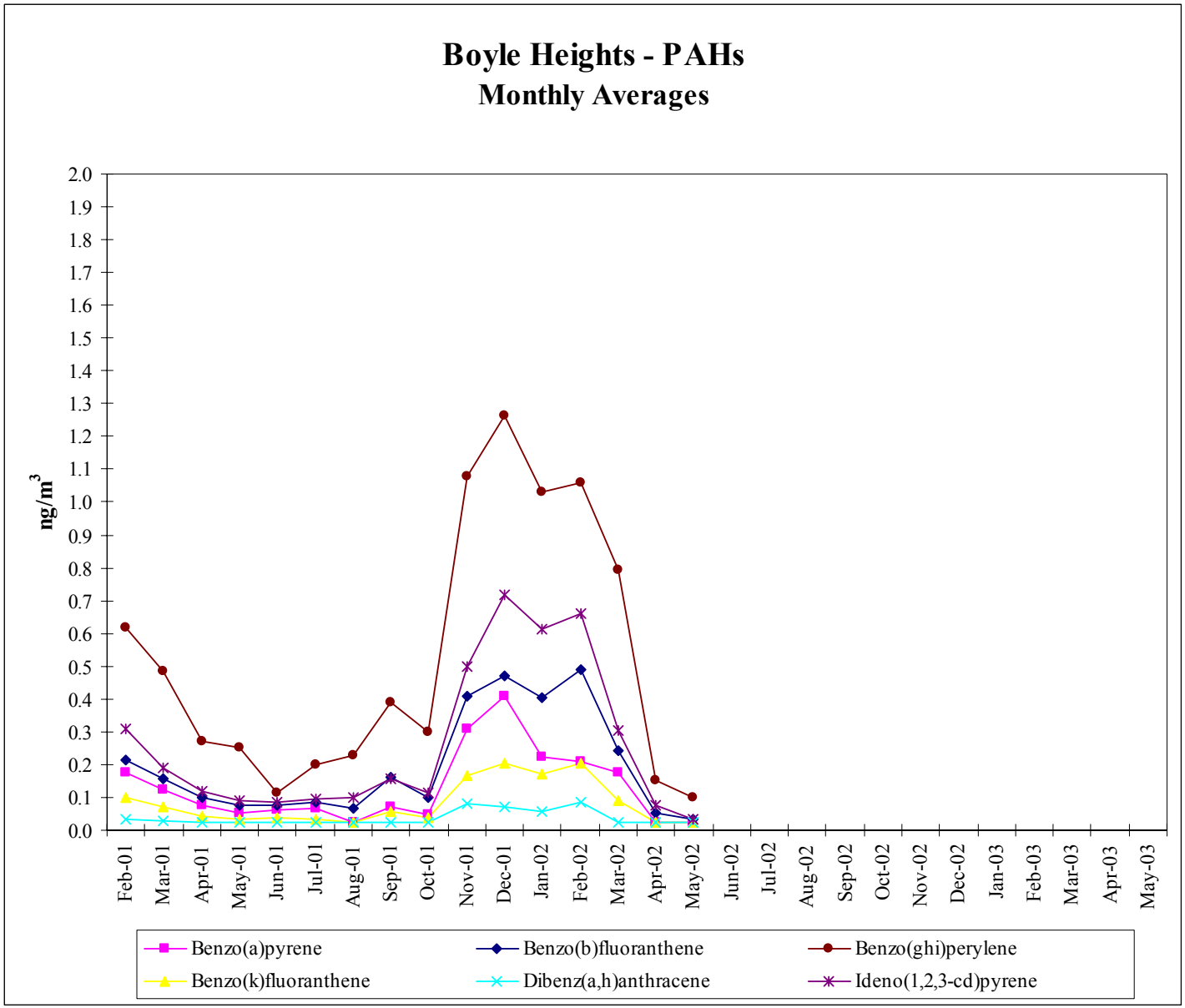
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Boyle Heights
Crockett
Fruitvale
Wilmington

Boyle Heights – PAH Compounds Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Benzo(a)pyrene	0.178	0.126	0.078	0.050	0.060	0.065	0.025	0.073	0.047	0.310	0.410	0.225	0.211	0.177
Benzo(b)fluoranthene	0.215	0.155	0.099	0.078	0.076	0.084	0.069	0.163	0.098	0.408	0.472	0.406	0.488	0.240
Benzo(ghi)perylene	0.618	0.484	0.273	0.251	0.115	0.198	0.230	0.390	0.300	1.080	1.264	1.030	1.058	0.794
Benzo(k)fluoranthene	0.102	0.072	0.045	0.032	0.037	0.033	0.025	0.059	0.036	0.169	0.205	0.169	0.206	0.089
Dibenz(a,h)anthracene	0.033	0.030	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.083	0.071	0.055	0.087	0.025
Ideno(1,2,3-cd)pyrene	0.308	0.188	0.121	0.092	0.085	0.093	0.098	0.158	0.112	0.498	0.718	0.612	0.658	0.302
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Benzo(a)pyrene	0.025	0.025												
Benzo(b)fluoranthene	0.052	0.034												
Benzo(ghi)perylene	0.152	0.101												
Benzo(k)fluoranthene	0.025	0.025												
Dibenz(a,h)anthracene	0.025	0.025												
Ideno(1,2,3-cd)pyrene	0.075	0.035												

Crockett – PAH Compounds Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Benzo(a)pyrene										0.025	0.122	0.062	0.068	0.031
Benzo(b)fluoranthene										0.063	0.193	0.150	0.108	0.069
Benzo(ghi)perylene										0.130	0.268	0.217	0.255	0.131
Benzo(k)fluoranthene										0.025	0.085	0.077	0.042	0.033
Dibenz(a,h)anthracene										0.025	0.025	0.025	0.035	0.025
Ideno(1,2,3-cd)pyrene										0.075	0.230	0.220	0.145	0.059
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Benzo(a)pyrene	0.025	0.034	0.025	0.025	0.025	0.025	0.025	0.025	0.055		0.063	0.036	0.025	0.025
Benzo(b)fluoranthene	0.025	0.039	0.025	0.025	0.036	0.040	0.045	0.084	0.118		0.100	0.070	0.025	0.025
Benzo(ghi)perylene	0.045	0.104	0.034	0.033	0.064	0.096	0.096	0.159	0.181		0.139	0.114	0.057	0.036
Benzo(k)fluoranthene	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.036	0.061		0.042	0.035	0.025	0.025
Dibenz(a,h)anthracene	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025		0.025	0.025	0.025	0.025
Ideno(1,2,3-cd)pyrene	0.025	0.044	0.025	0.025	0.031	0.038	0.037	0.049	0.125		0.115	0.062	0.025	0.025

Fruitvale – PAH Compounds Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Benzo(a)pyrene											0.350	0.620	0.123	0.129
Benzo(b)fluoranthene											0.470	0.735	0.175	0.229
Benzo(ghi)perylene											0.963	1.288	0.315	0.476
Benzo(k)fluoranthene											0.200	0.288	0.067	0.081
Dibenz(a,h)anthracene											0.025	0.117	0.036	0.025
Ideno(1,2,3-cd)pyrene											0.613	0.893	0.025	0.275
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Benzo(a)pyrene	0.025	0.025	0.025	0.025	0.025	0.030	0.064	0.185	0.199	0.276	0.460			
Benzo(b)fluoranthene	0.025	0.033	0.025	0.035	0.031	0.059	0.086	0.343	0.269	0.390	0.450			
Benzo(ghi)perylene	0.061	0.049	0.032	0.063	0.065	0.246	0.269	0.670	0.537	0.704	0.830			
Benzo(k)fluoranthene	0.025	0.025	0.025	0.025	0.025	0.025	0.039	0.154	0.126	0.166	0.200			
Dibenz(a,h)anthracene	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.039	0.050	0.072	0.125			
Ideno(1,2,3-cd)pyrene	0.025	0.033	0.025	0.034	0.044	0.071	0.109	0.381	0.313	0.510	0.513			

Wilmington – PAH Compounds Monthly Avg (ng/m^3)														
Mon-Yr Parameter	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Benzo(a)pyrene					0.060	0.081	0.025	0.031	0.025	0.188	0.510	0.219	0.221	0.142
Benzo(b)fluoranthene					0.069	0.096	0.037	0.042	0.048	0.285	0.526	0.308	0.383	0.266
Benzo(ghi)perylene					0.133	0.150	0.143	0.173	0.242	0.532	1.088	0.667	0.628	0.490
Benzo(k)fluoranthene					0.034	0.048	0.025	0.025	0.025	0.129	0.240	0.125	0.165	0.095
Dibenz(a,h)anthracene					0.025	0.025	0.025	0.025	0.025	0.042	0.103	0.045	0.046	0.030
Ideno(1,2,3-cd)pyrene					0.072	0.091	0.047	0.051	0.063	0.307	0.650	0.415	0.416	0.288
Mon-Yr Parameter	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Benzo(a)pyrene	0.031	0.025	0.025	0.031										
Benzo(b)fluoranthene	0.035	0.032	0.025	0.032										
Benzo(ghi)perylene	0.087	0.074	0.068	0.092										
Benzo(k)fluoranthene	0.025	0.025	0.025	0.025										
Dibenz(a,h)anthracene	0.025	0.025	0.025	0.025										
Ideno(1,2,3-cd)pyrene	0.037	0.025	0.025	0.031										


Boyle Heights - PAHs
Monthly Averages
ng/m3
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
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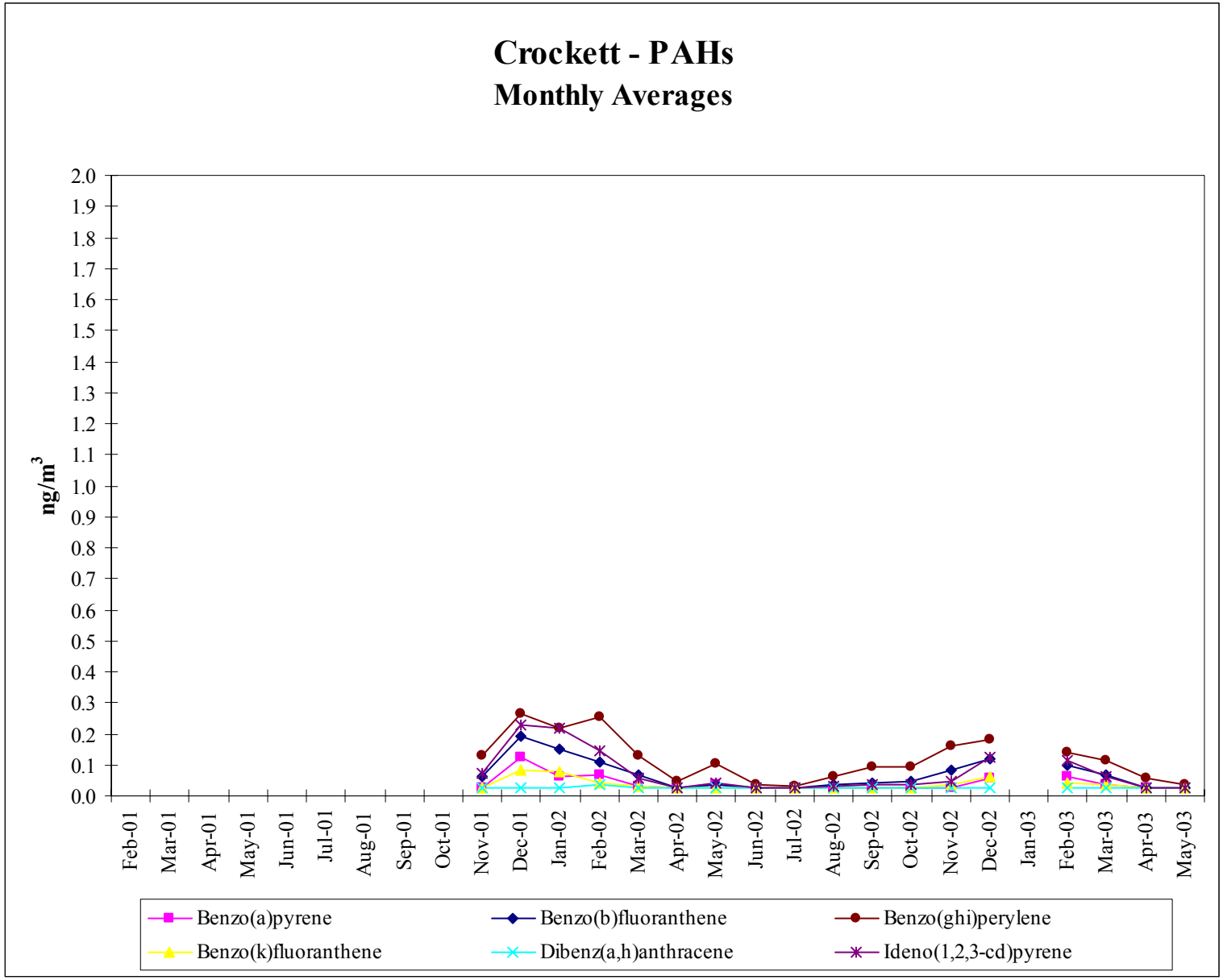
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Dibenz(a,h)anthracene
Ideno(1,2,3-cd)pyrene


Crockett - PAHs
Monthly Averages
ng/m3
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
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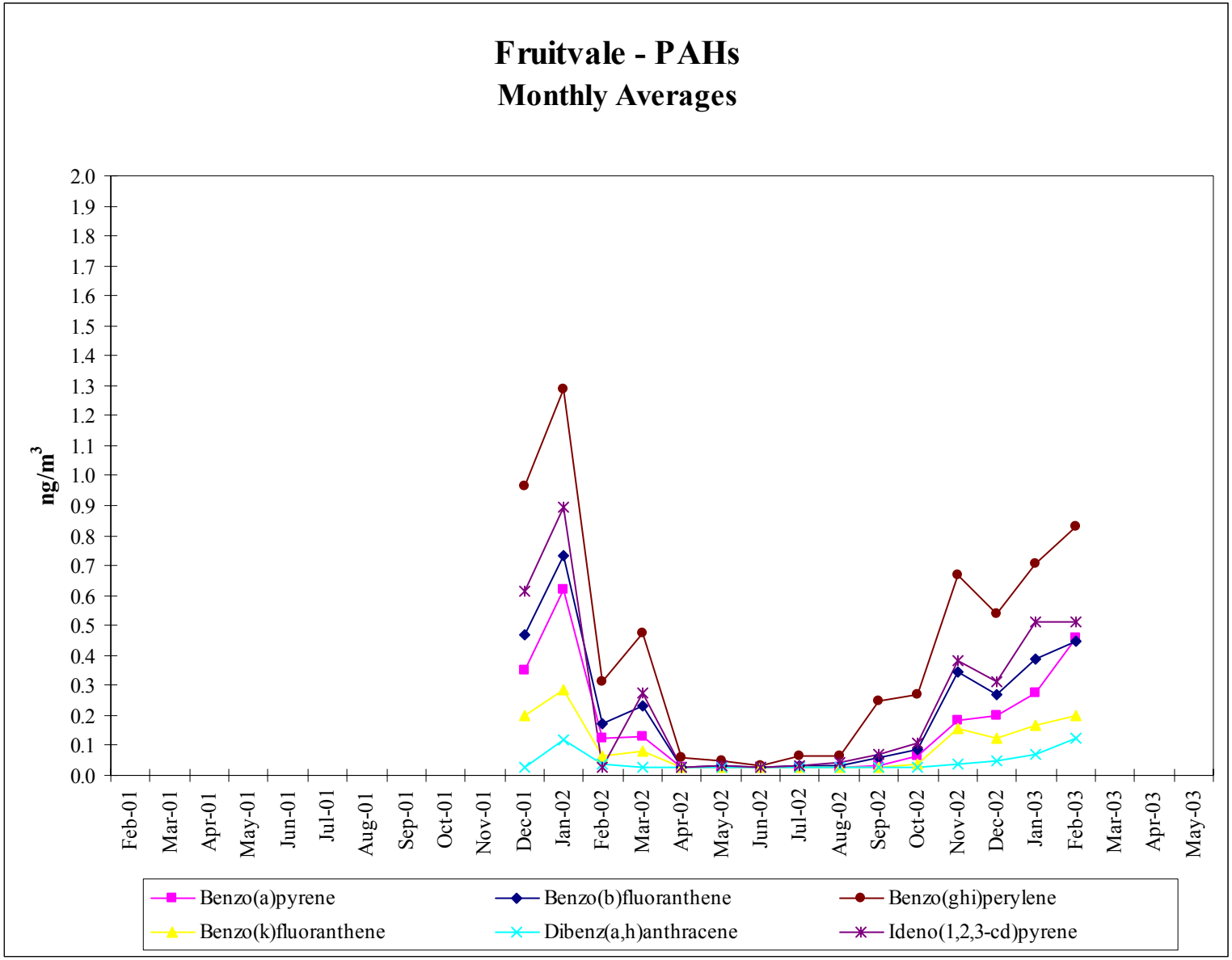
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Dibenz(a,h)anthracene
Ideno(1,2,3-cd)pyrene


Fruitvale - PAHs
Monthly Averages
ng/m3
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Feb-01
Mar-01
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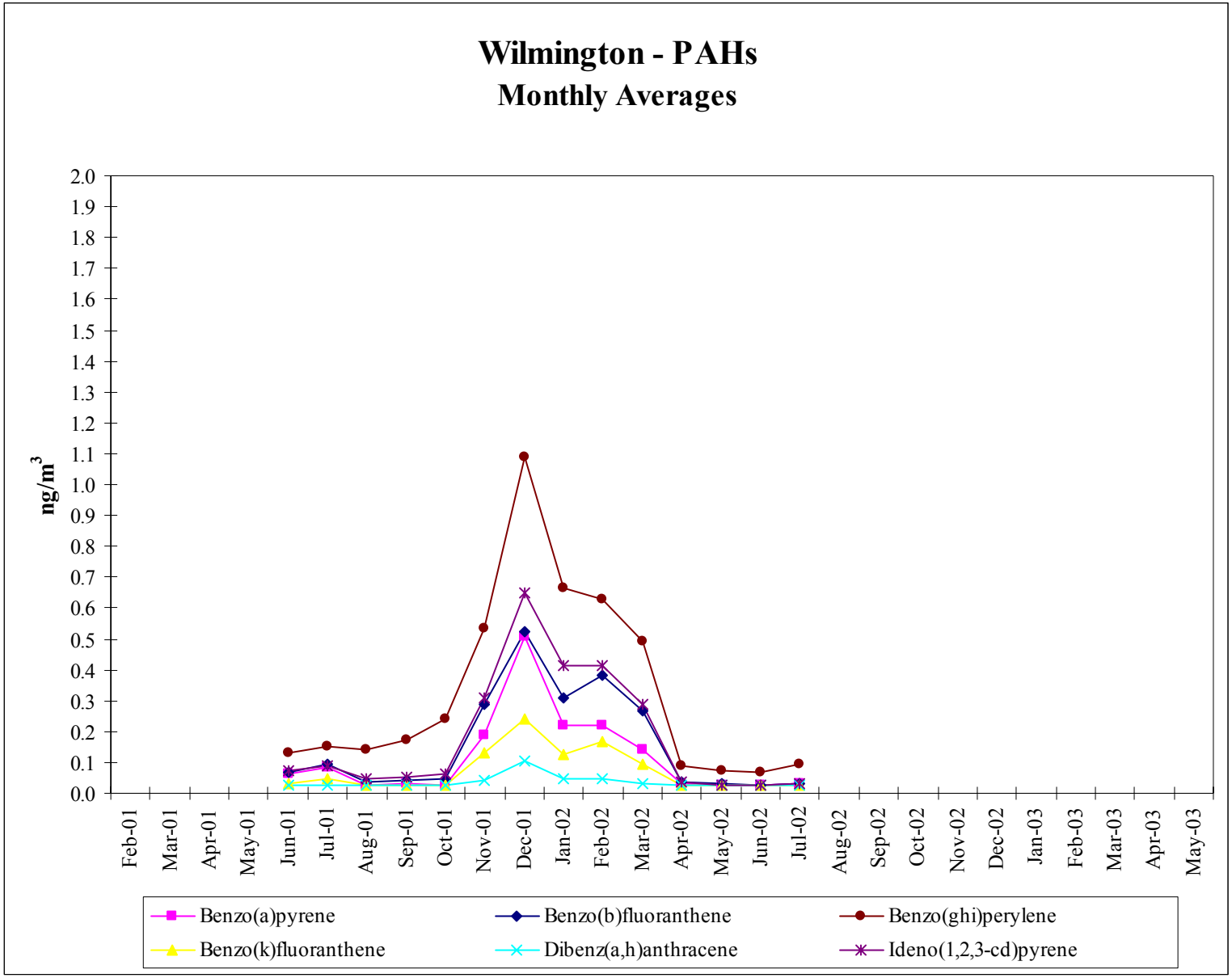
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Dibenz(a,h)anthracene
Ideno(1,2,3-cd)pyrene


Wilmington - PAHs
Monthly Averages
ng/m3
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Dibenz(a,h)anthracene
Ideno(1,2,3-cd)pyrene

PAH Compound - Benzo(a)pyrene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.178	0.126	0.078	0.050	0.060	0.065	0.025	0.073	0.047	0.310	0.410	0.225	0.211	0.177
Crockett										0.025	0.122	0.062	0.068	0.031
Fruitvale											0.350	0.620	0.123	0.129
Wilmington					0.060	0.081	0.025	0.031	0.025	0.188	0.510	0.219	0.221	0.142
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.025	0.025												
Crockett	0.025	0.034	0.025	0.025	0.025	0.025	0.025	0.025	0.055		0.063	0.036	0.025	0.025
Fruitvale	0.025	0.025	0.025	0.025	0.025	0.030	0.064	0.185	0.199	0.276	0.460			
Wilmington	0.031	0.025	0.025	0.031										

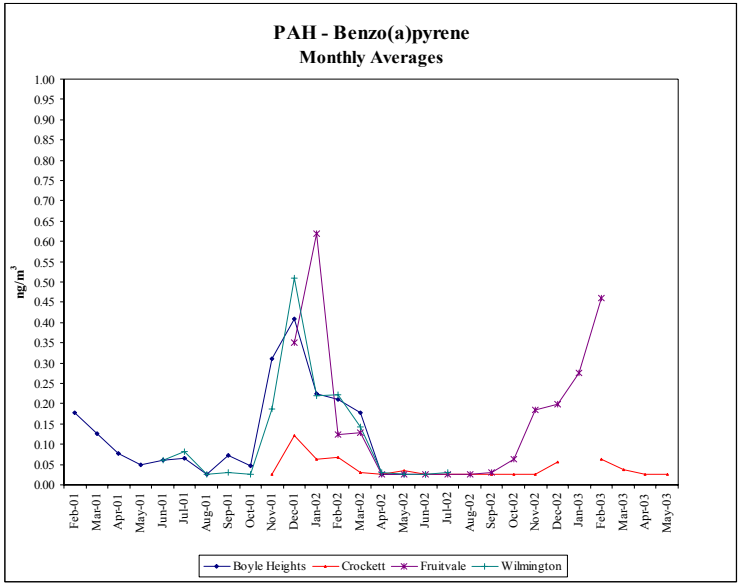
PAH Compound - Benzo(b)fluoranthene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.215	0.155	0.099	0.078	0.076	0.084	0.069	0.163	0.098	0.408	0.472	0.406	0.488	0.240
Crockett										0.063	0.193	0.150	0.108	0.069
Fruitvale											0.470	0.735	0.175	0.229
Wilmington					0.069	0.096	0.037	0.042	0.048	0.285	0.526	0.308	0.383	0.266
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.052	0.034												
Crockett	0.025	0.039	0.025	0.025	0.036	0.040	0.045	0.084	0.118		0.100	0.070	0.025	0.025
Fruitvale	0.025	0.033	0.025	0.035	0.031	0.059	0.086	0.343	0.269	0.390	0.450			
Wilmington	0.035	0.032	0.025	0.032										

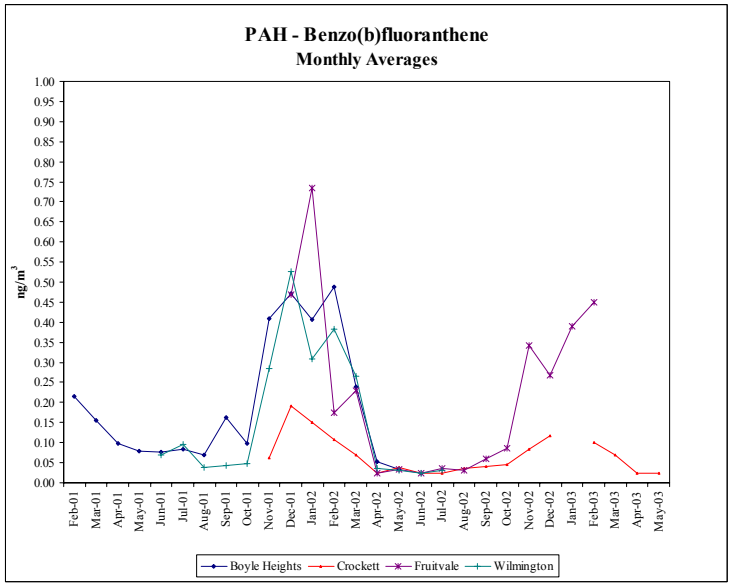
PAH Compound - Benzo(ghi)perylene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.618	0.484	0.273	0.251	0.115	0.198	0.230	0.390	0.300	1.080	1.264	1.030	1.058	0.794
Crockett										0.130	0.268	0.217	0.255	0.131
Fruitvale											0.963	1.288	0.315	0.476
Wilmington					0.133	0.150	0.143	0.173	0.242	0.532	1.088	0.667	0.628	0.490
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.152	0.101												
Crockett	0.045	0.104	0.034	0.033	0.064	0.096	0.096	0.159	0.181		0.139	0.114	0.057	0.036
Fruitvale	0.061	0.049	0.032	0.063	0.065	0.246	0.269	0.670	0.537	0.704	0.830			
Wilmington	0.087	0.074	0.068	0.092										

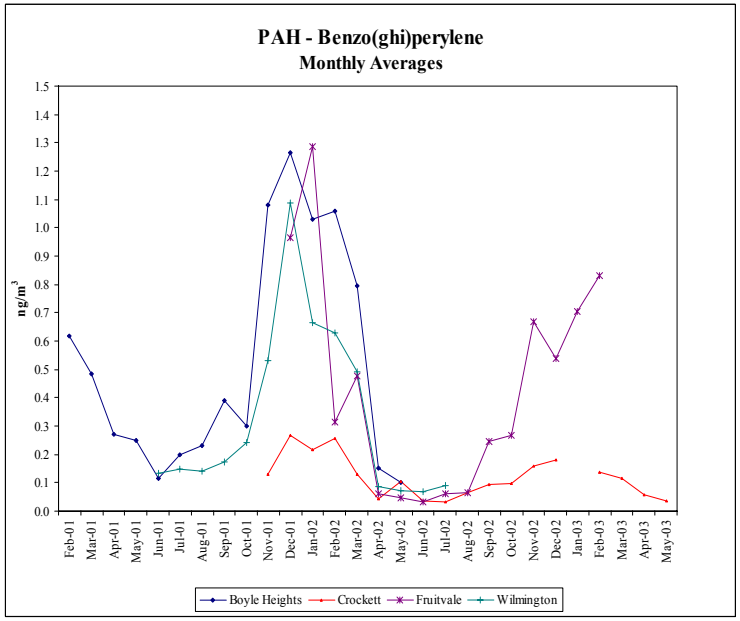
PAH Compound - Benzo(k)fluoranthene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.102	0.072	0.045	0.032	0.037	0.033	0.025	0.059	0.036	0.169	0.205	0.169	0.206	0.089
Crockett										0.025	0.085	0.077	0.042	0.033
Fruitvale											0.200	0.288	0.067	0.081
Wilmington					0.034	0.048	0.025	0.025	0.025	0.129	0.240	0.125	0.165	0.095
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.025	0.025												
Crockett	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.036	0.061		0.042	0.035	0.025	0.025
Fruitvale	0.025	0.025	0.025	0.025	0.025	0.025	0.039	0.154	0.126	0.166	0.200			
Wilmington	0.025	0.025	0.025	0.025										

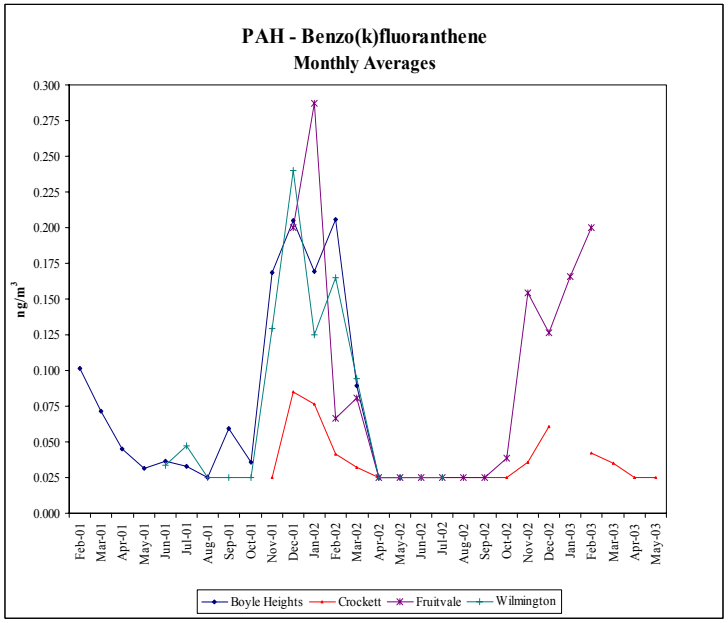
PAH Compound - Dibenz(a,h)anthracene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.033	0.030	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.083	0.071	0.055	0.087	0.025
Crockett										0.025	0.025	0.025	0.035	0.025
Fruitvale											0.025	0.117	0.036	0.025
Wilmington					0.025	0.025	0.025	0.025	0.025	0.042	0.103	0.045	0.046	0.030
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.025	0.025												
Crockett	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025		0.025	0.025	0.025	0.025
Fruitvale	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.039	0.050	0.072	0.125			
Wilmington	0.025	0.025	0.025	0.025										

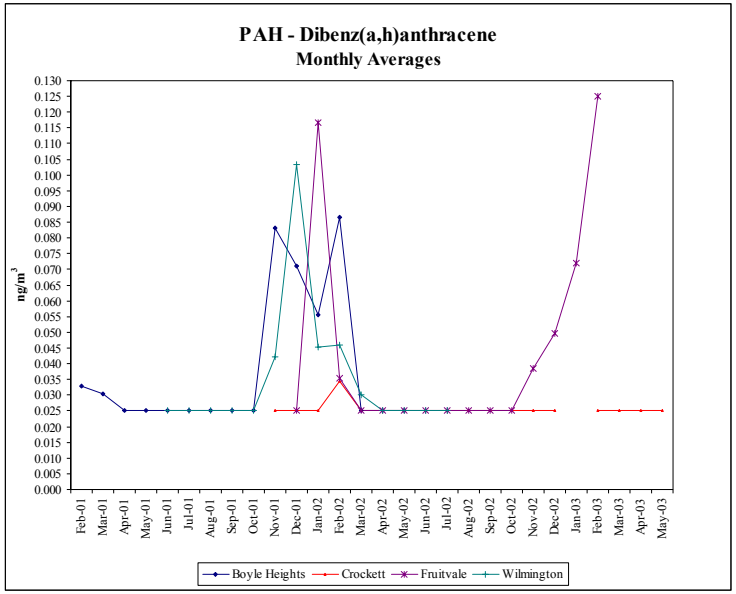
PAH Compound - Ideno(1,2,3-cd)pyrene by Site Monthly Avg (ppb)														
Mon-Yr Site	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
Boyle Heights	0.308	0.188	0.121	0.092	0.085	0.093	0.098	0.158	0.112	0.498	0.718	0.612	0.658	0.302
Crockett										0.075	0.230	0.220	0.145	0.059
Fruitvale											0.613	0.893	0.025	0.275
Wilmington					0.072	0.091	0.047	0.051	0.063	0.307	0.650	0.415	0.416	0.288
Mon-Yr Site	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03
Boyle Heights	0.075	0.035												
Crockett	0.025	0.044	0.025	0.025	0.031	0.038	0.037	0.049	0.125		0.115	0.062	0.025	0.025
Fruitvale	0.025	0.033	0.025	0.034	0.044	0.071	0.109	0.381	0.313	0.510	0.513			
Wilmington	0.037	0.025	0.025	0.031										

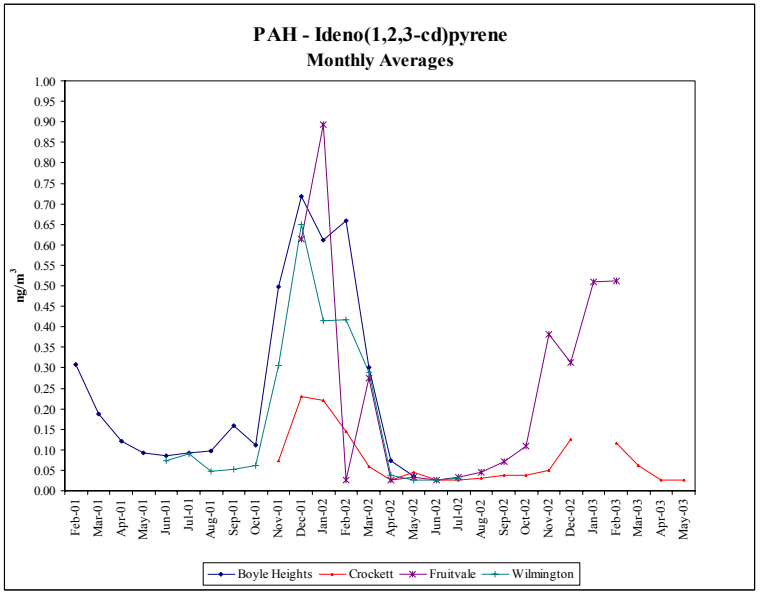

PAH - Benzo(a)pyrene
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


PAH - Benzo(b)fluoranthene
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


PAH - Benzo(ghi)perylene
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


PAH - Benzo(k)fluoranthene
Monthly Averages
ng/m3
Boyle Heights
Crockett
Fruitvale
Wilmington


PAH - Dibenz(a,h)anthracene
Monthly Averages
ng/m3
0.130
0.125
0.120
0.115
0.110
0.105
0.100
0.095
0.090
0.085
0.080
0.075
0.070
0.065
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Aug-02
Sep-02
Oct-02
Nov-02
Dec-02
Jan-03
Feb-03
Mar-03
Apr-03
May-03
Boyle Heights
Crockett
Fruitvale
Wilmington


PAH - Ideno(1,2,3-cd)pyrene
Monthly Averages
ng/m3
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
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May-02
Jun-02
Jul-02
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