

**APPENDIX C**

**AMBIENT AIR MONITORING DATA**

**APPENDIX C-1**

**AMBIENT AIR MONITORING  
DATA SUMMARY BY STATION**

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003

DIRECTORY OF TOXIC AIR CONTAMINANT  
MONITORING STATIONS

<u>Station</u>	<u>Location</u>	<u>Address</u>
1018	Oakland – Davie Stadium	198 Oak Road
1022	San Leandro	15400 Foothill Blvd.
1023	Livermore	793 Rincon Ave
1024	Oakland	2419 Filbert Street
2010	Pittsburg	583 West 10 <sup>th</sup> Street
2017	Crocket	End of Kendall Ave
2018	Concord	2975 Treat Blvd.
2019	Richmond	1065 7 <sup>th</sup> Street
2021	Bethel Island	5551 Bethel Island Road
2030	San Pablo	El Portal Center, Unit 759
2032	Concord	2477 Arnold Industrial Way
3005	San Rafael	534 4 <sup>th</sup> Street
3007	Fort Cronkhite	Building 1049
4001	Napa	2552 Jefferson Street
5011	San Francisco	10 Arkansas Street
6004	Redwood City	897 Barron Avenue
7009	San Jose	120B North 4 <sup>th</sup> Street
7030	Sunnyvale	910 Ticonderoga Drive
8004	Vallejo	304 Tuolumne Street
9004	Santa Rosa	837 5 <sup>th</sup> Street

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20 stations total

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003

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**Pollutant Key**

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<b>VC</b>	<b>=</b>	<b>Vinyl Chloride</b>
<b>DCM</b>	<b>=</b>	<b>Methylene Chloride</b>
<b>CHCl<sub>3</sub></b>	<b>=</b>	<b>Chloroform</b>
<b>EDC</b>	<b>=</b>	<b>Ethylene Dichloride</b>
<b>TCA</b>	<b>=</b>	<b>Methyl Chloroform</b>
<b>CCl<sub>4</sub></b>	<b>=</b>	<b>Carbon Tetrachloride</b>
<b>TCE</b>	<b>=</b>	<b>Trichloroethylene</b>
<b>BENZ</b>	<b>=</b>	<b>Benzene</b>
<b>EDB</b>	<b>=</b>	<b>Ethylene Dibromide</b>
<b>PERC</b>	<b>=</b>	<b>Perchloroethylene</b>
<b>TOL</b>	<b>=</b>	<b>Toluene</b>
<b>MTBE</b>	<b>=</b>	<b>Methyl Tertiary Butyl Ether</b>

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**12 pollutants total**

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Oakland-Davie Stadium  
 198 Oak Road  
 Oakland, CA 94610

(P)

ID# 1018  
 arb# 6000342  
 airs#

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.05	.12	< .08	.70	< .02	.05	1.20	.60
13 Jan 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.50	< .02	.04	1.00	< .50
25 Jan 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.50	< .02	.05	1.20	< .50
06 Feb 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	.02	.40	< .50
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.50	< .50
02 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.04	.70	< .50
14 Mar 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.50	< .02	.08	1.20	< .50
26 Mar 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.40	< .02	.05	.70	< .50
07 Apr 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.20	< .02	.02	.40	< .50
19 Apr 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.20	< .02	< .01	.30	< .50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.05	.60	< .50
14 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.05	.70	< .50
25 May 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.40	< .02	.07	1.00	< .50
06 Jun 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.50	< .02	.08	1.40	.50
18 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	.50	< .50
30 Jun 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.50	< .02	.06	1.20	< .50
12 Jul 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.20	< .02	.05	.50	< .50
24 Jul 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.30	< .02	.05	.60	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.30	< .02	.02	.70	< .50
17 Aug 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.03	.90	< .50
29 Aug 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	.03	.60	< .50
10 Sep 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.04	1.00	< .50
22 Sep 01	< .30	< .50	.05	< .10	.05	.11	< .08	.70	< .02	.08	1.50	.70
04 Oct 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.30	< .02	.04	.40	< .50
16 Oct 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.30	< .02	.06	.60	< .50
28 Oct 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.50	< .02	.03	.90	.60
09 Nov 01	< .30	< .50	.06	< .10	.06	.12	< .08	1.40	< .02	.14	4.00	3.10
21 Nov 01	< .30	< .50	< .02	< .10	.06	.12	< .08	.70	< .02	.08	1.70	1.10
03 Dec 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.50	< .02	.03	.80	.50
15 Dec 01	< .30	< .50	.03	< .10	.05	.12	< .08	.50	< .02	.08	1.10	< .50
27 Dec 01	< .30	< .50	.04	< .10	.06	.11	< .08	1.10	< .02	.13	3.10	1.00

# OBS	32	31	31	32	31	31	31	31	32	31	31	31
# < LOD	32	31	27	32	16		31		32	1		23
Max	< .30	< .50	.06	< .10	.06	.12	< .08	1.40	< .02	.14	4.00	3.10
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.20	< .02	< .01	.30	< .50
Mean*	< .30	< .50	.01	< .10	.04	.10	< .08	.45	< .02	.05	1.01	.45
Std dev*			.01		.02	.01		.26		.03	.77	.54

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: San Leandro  
15400 Foothill Boulevard  
San Leandro, CA 94578

(P)

ID# 1022  
arb# 6000343  
airs# 060010006

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.30	< .02	.03	.50	< .50
13 Jan 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.03	.90	< .50
25 Jan 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.70	< .02	.04	1.10	< .50
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.30	< .02	.02	.50	< .50
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.40	< .50
02 Mar 01	< .30	< .50	< .02	< .10	.38	.10	< .08	.40	< .02	.03	.70	1.90
14 Mar 01	< .30	< .50	< .02	< .10	.08	.08	< .08	.40	< .02	.05	1.20	< .50
26 Mar 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.04	.70	< .50
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.04	.20	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.20	< .02	.03	.30	< .50
01 May 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.40	< .02	.06	.70	< .50
13 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.20	< .50
25 May 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.40	< .02	.06	.90	< .50
06 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.06	1.00	.50
18 Jun 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.60	< .02	.08	1.60	.50
30 Jun 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.20	< .02	.03	.40	< .50
12 Jul 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.30	< .50
24 Jul 01	< .30	< .50	.03	< .10	.05	.10	< .08	.40	< .02	.05	.80	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.20	< .02	< .01	.60	< .50
17 Aug 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.70	< .02	.08	2.00	.70
29 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	.40	< .50
10 Sep 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.40	< .50
22 Sep 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.70	< .02	.10	2.10	.80
04 Oct 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.20	< .02	.02	.40	< .50
16 Oct 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.40	< .02	.05	.90	< .50
28 Oct 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.02	.50	.50
09 Nov 01	< .30	< .50	.04	< .10	.06	.10	< .08	1.40	< .02	.12	2.70	2.00
21 Nov 01	< .30	.50	< .02	< .10	.05	.09	< .08	.60	< .02	.09	1.30	1.30
03 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.03	.80	< .50
15 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.50	< .02	.04	.80	.50
27 Dec 01	< .30	< .50	.03	< .10	.05	.11	< .08	.80	< .02	.07	1.30	1.00

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	30	28	31	15		31		31	2		21
Max	< .30	< .50	.04	< .10	.38	.11	< .08	1.40	< .02	.12	2.70	2.00
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.10	< .02	< .01	.20	< .50
Mean*	< .30	.26	.01	< .10	.05	.09	< .08	.42	< .02	.04	.86	.48
Std dev*		.04	.01		.06	.01		.25		.03	.59	.47

\* includes Obs < LOD as 1/2 LOD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Livermore - Rincon Ave.  
 793 Rincon Avenue  
 Livermore, CA 94550

(P)

ID# 1023  
 arb# 6000344  
 airs# 060010007

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.25	.10	< .08	1.40	< .02	.24	2.70	2.20
13 Jan 01	< .30	< .50	< .02	< .10	.17	.09	< .08	.50	< .02	.03	.80	.50
25 Jan 01	< .30	< .50	< .02	< .10	.22	.09	< .08	.70	< .02	.04	1.30	1.00
06 Feb 01	< .30	< .50	< .02	< .10	.19	.09	< .08	.30	< .02	.02	.40	< .50
18 Feb 01	< .30	< .50	< .02	< .10	.26	.09	< .08	.70	< .02	.04	1.70	.60
02 Mar 01	< .30	< .50	< .02	< .10	.19	.09	< .08	.60	< .02	.04	1.00	.50
14 Mar 01	< .30	< .50	< .02	< .10	.17	.09	< .08	.50	< .02	.05	1.00	.90
26 Mar 01	< .30	< .50	< .02	< .10	.18	.09	< .08	.70	< .02	.04	1.40	1.10
07 Apr 01	< .30	< .50	< .02	< .10	.16	.10	< .08	.30	< .02	.02	.30	< .50
20 Apr 01	< .30	< .50	< .02	< .10	.16	.09	< .08	.40	< .02	.02	.70	< .50
01 May 01	< .30	< .50	< .02	< .10	.18	.09	< .08	.30	< .02	.03	.60	< .50
13 May 01	< .30	< .50	< .02	< .10	.27	.09	< .08	.10	< .02	< .01	.40	< .50
25 May 01	< .30	< .50	< .02	< .10	.24	.09	< .08	.40	< .02	.04	.80	< .50
06 Jun 01	< .30	< .50	< .02	< .10	.23	.09	< .08	.30	< .02	.04	.70	< .50
18 Jun 01	< .30	< .50	.05	< .10	.31	.10	< .08	.50	< .02	.04	1.10	1.00
30 Jun 01	< .30	< .50	< .02	< .10	.30	.10	< .08	.40	< .02	.05	1.00	.80
12 Jul 01	< .30	< .50	< .02	< .10	.31	.11	< .08	.20	< .02	.03	.40	< .50
24 Jul 01	< .30	< .50	.06	< .10	.54	.11	< .08	.50	< .02	.06	.80	< .50
05 Aug 01	< .30	1.20	< .02	< .10	.22	.09	< .08	.30	< .02	.02	.50	< .50
17 Aug 01	< .30	< .50	.04	< .10	.26	.09	< .08	.60	< .02	.06	1.60	1.20
29 Aug 01	< .30	< .50	< .02	< .10	.37	.10	< .08	.20	< .02	.02	.40	< .50
10 Sep 01	< .30	< .50	.03	< .10	.25	.11	< .08	.40	< .02	.04	.80	.50
22 Sep 01	< .30	.50	< .02	< .10	.83	.09	< .08	.70	< .02	.11	2.10	1.50
04 Oct 01	< .30	< .50	< .02	< .10	.36	.09	< .08	.20	< .02	.04	.60	< .50
16 Oct 01	< .30	< .50	< .02	< .10	.33	.10	< .08	.80	< .02	.12	2.00	1.70
28 Oct 01	< .30	< .50	< .02	< .10	.35	.10	< .08	.40	< .02	.04	.90	1.30
09 Nov 01	< .30	< .50	.06	< .10	.68	.11	< .08	2.30	< .02	.20	4.80	7.10
21 Nov 01	< .30	< .50	< .02	< .10	.33	.10	< .08	.60	< .02	.05	1.20	1.60
03 Dec 01	< .30	< .50	< .02	< .10	.22	.10	< .08	1.30	< .02	.04	2.60	2.40
15 Dec 01	< .30	< .50	.04	< .10	.24	.11	< .08	.90	< .02	.04	1.40	1.40
27 Dec 01	< .30	< .50	< .02	< .10	.33	.10	< .08	.80	< .02	.05	1.50	1.20

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	29	25	31			31		31	1		12
Max	< .30	1.20	.06	< .10	.83	.11	< .08	2.30	< .02	.24	4.80	7.10
Min	< .30	< .50	< .02	< .10	.16	.09	< .08	.10	< .02	< .01	.30	< .50
Mean*	< .30	.29	.02	< .10	.29	.10	< .08	.59	< .02	.05	1.21	1.02
Std dev*		.17	.02		.15	.01		.43		.05	.92	1.29

\* includes Obs < LOD as 1/2 LOD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Oakland - Filbert St.  
 2419 Filbert Street  
 Oakland, CA 94607

(P)

ID# 1024  
 arb# 6000345  
 airs# 060010008

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
22 Sep 01	< .30	.70	< .02	< .10	< .05	.10	< .08	.60	< .02	.11	1.00	< .50
04 Oct 01	< .30	1.10	< .02	< .10	.05	.11	< .08	.30	< .02	.04	.80	.70
16 Oct 01	< .30	< .50	< .02	< .10	.06	.12	< .08	.40	< .02	.05	1.40	.60
28 Oct 01	< .30	< .50	.04	< .10	.06	.10	< .08	.50	< .02	.12	1.30	1.50
09 Nov 01	< .30	.60	.14	< .10	.06	.10	< .08	2.20	< .02	.28	5.50	4.00
21 Nov 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.80	< .02	.08	1.50	1.20
03 Dec 01	< .30	< .50	.04	< .10	.05	.09	< .08	.80	< .02	.06	1.90	.80
15 Dec 01	< .30	< .50	< .02	< .10	.05	.13	< .08	.90	< .02	.09	2.30	1.00
27 Dec 01	< .30	.70	.08	< .10	.06	.10	< .08	1.80	< .02	.21	5.30	2.00

# OBS	9	9	9	9	9	9	9	9	9	9	9	9
# < LOD	9	5	5	9	1		9		9			1
Max	< .30	1.10	.14	< .10	.06	.13	< .08	2.20	< .02	.28	5.50	4.00
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.04	.80	< .50
Mean*	< .30	.48	.04	< .10	.05	.11	< .08	.92	< .02	.12	2.33	1.34
Std dev*		.31	.04		.01	.01		.65		.08	1.80	1.12

\* includes Obs < LOD as 1/2 LOD



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Pittsburg-W 10th St  
583 W 10th Street  
Pittsburg, CA 94565

(P)

ID# 2010  
arb# 0700430  
airs# 060133001

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
18 Feb 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.60	< .02	.07	1.10	.70
02 Mar 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.50	< .02	.03	.90	.50
14 Mar 01	< .30	.80	< .02	< .10	.05	.10	< .08	.60	< .02	.05	2.10	1.40
26 Mar 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.50	< .02	.04	.70	.50
07 Apr 01	< .30	.60	.03	< .10	.17	.11	< .08	.30	< .02	.31	.60	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.60	< .50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.04	.70	< .50
13 May 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.02	.50	< .50
25 May 01	< .30	1.00	.03	< .10	< .05	.10	< .08	.40	< .02	.03	.80	1.10
06 Jun 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	.02	.60	.80
18 Jun 01	< .30	.50	.04	< .10	< .05	.09	< .08	.40	< .02	.02	.90	1.30
30 Jun 01	< .30	< .50	.03	< .10	.05	.09	< .08	.30	< .02	.03	1.00	< .50
12 Jul 01	< .30	.90	.03	< .10	.05	.10	< .08	.20	< .02	.03	.60	.50
24 Jul 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.06	.90	.50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.06	.60	< .50
17 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.04	1.10	.70
29 Aug 01	< .30	< .50	.05	< .10	.05	.10	< .08	.30	< .02	.03	.80	.50
10 Sep 01	< .30	.70	.04	< .10	.05	.10	< .08	.20	< .02	.03	1.00	.70
22 Sep 01	< .30	.80	.04	< .10	.05	.10	< .08	.50	< .02	.04	1.20	1.00
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	.50	< .50
16 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.06	.80	< .50
28 Oct 01	< .30	< .50	.06	< .10	.05	.13	< .08	.70	< .02	.05	1.70	2.10
09 Nov 01	< .30	2.10	.11	< .10	.06	.20	< .08	2.00	< .02	.15	5.20	4.40
21 Nov 01	< .30	< .50	.07	< .10	.06	.15	< .08	1.30	< .02	.16	3.20	3.10
03 Dec 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.40	< .02	.07	1.00	.80
15 Dec 01	< .30	.50	.06	< .10	.08	.11	< .08	.90	< .02	.05	1.90	1.60
27 Dec 01	< .30	< .50	< .02	< .10	.05	.13	< .08	.60	< .02	.10	1.10	1.10

# OBS	27	27	27	27	27	27	27	27	27	27	27	27
# < LOD	27	18	15	27	10		27		27			8
Max	< .30	2.10	.11	< .10	.17	.20	< .08	2.00	< .02	.31	5.20	4.40
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.50	< .50
Mean*	< .30	.46	.03	< .10	.05	.10	< .08	.50	< .02	.06	1.19	.94
Std dev*		.41	.03		.03	.02		.38		.06	.99	.96

\* includes Obs < LOD as 1/2 LOD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Crockett - Kendall Ave  
End of Kendall Ave  
Crockett, CA 94525

(P)

ID# 2017  
arb# 0700437  
airs# 060131001

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.07	.11	< .08	.50	< .02	.05	.80	1.00
13 Jan 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	< .01	.50	< .50
25 Jan 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.03	.50	< .50
06 Feb 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.20	< .02	.02	.40	< .50
18 Feb 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.40	< .02	.02	.80	.60
06 Mar 01	< .30	< .50	< .02	< .10	.08	.11	< .08	.30	< .02	.02	.40	< .50
14 Mar 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.40	< .02	.03	.60	< .50
26 Mar 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.20	< .02	< .01	.20	< .50
07 Apr 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.20	< .02	< .01	.30	< .50
19 Apr 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.20	< .02	< .01	.20	< .50
01 May 01	< .30	< .50	< .02	< .10	.07	.09	< .08	.10	< .02	.02	.30	< .50
13 May 01	< .30	< .50	< .02	< .10	.08	.09	< .08	.30	< .02	< .01	1.00	< .50
25 May 01	< .30	< .50	< .02	< .10	.07	.09	< .08	.20	< .02	.03	.60	< .50
06 Jun 01	< .30	< .50	< .02	< .10	.10	.09	< .08	.30	< .02	.02	.50	< .50
18 Jun 01	< .30	< .50	< .02	< .10	.14	.09	< .08	.20	< .02	.02	.60	.70
30 Jun 01	< .30	< .50	< .02	< .10	.14	.09	< .08	.30	< .02	.02	.70	1.40
12 Jul 01	< .30	< .50	< .02	< .10	.07	.09	< .08	.20	< .02	.02	.30	< .50
24 Jul 01	< .30	< .50	< .02	< .10	.11	.11	< .08	.30	< .02	.02	.50	.50
05 Aug 01	< .30	< .50	.03	< .10	.11	.09	< .08	.20	< .02	< .01	.40	< .50
17 Aug 01	< .30	< .50	< .02	< .10	.12	.09	< .08	.30	< .02	.02	.70	< .50
29 Aug 01	< .30	< .50	< .02	< .10	.12	.10	< .08	.10	< .02	.02	.40	< .50
10 Sep 01	< .30	< .50	< .02	< .10	.07	.09	< .08	.20	< .02	.02	.30	< .50
22 Sep 01	< .30	< .50	< .02	< .10	.10	.10	< .08	.40	< .02	.03	.90	.50
04 Oct 01	< .30	< .50	< .02	< .10	.09	.10	< .08	.20	< .02	< .01	.40	< .50
16 Oct 01	< .30	< .50	< .02	< .10	.09	.10	< .08	.30	< .02	.02	.60	< .50
28 Oct 01	< .30	< .50	.04	< .10	.10	.11	< .08	.30	< .02	.02	.40	1.40
09 Nov 01	< .30	< .50	.05	< .10	.09	.10	< .08	.60	< .02	.04	1.40	1.20
21 Nov 01	< .30	< .50	.21	< .10	.10	.12	< .08	.50	< .02	.04	.90	1.00
05 Dec 01	< .30	< .50	.06	< .10	.07	.11	< .08	.50	< .02	.02	.80	.60
18 Dec 01	< .30	< .50	.06	< .10	.06	.10	< .08	.40	< .02	.02	.60	2.30
27 Dec 01	< .30	< .50	.04	< .10	.05	.11	< .08	1.10	< .02	.13	2.80	1.00

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	31	24	31	1		31		31	7		19
Max	< .30	< .50	.21	< .10	.14	.12	< .08	1.10	< .02	.13	2.80	2.30
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.20	< .50
Mean*	< .30	< .50	.02	< .10	.08	.10	< .08	.32	< .02	.02	.64	.55
Std dev*			.04		.03	.01		.19		.02	.48	.49

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Concord - Treat Blvd  
2975 Treat Boulevard  
Concord, CA 94518

(P)

ID# 2018  
arb# 0700440  
airs# 060130002

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.10	.12	< .08	1.90	< .02	.18	5.00	1.50
13 Jan 01	< .30	< .50	< .02	< .10	.06	.11	< .08	.70	< .02	.04	3.00	< .50
25 Jan 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.70	< .02	.03	2.70	< .50
06 Feb 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.02	2.10	< .50
21 Feb 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.60	< .02	.03	4.10	< .50
02 Mar 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.70	< .02	.04	2.30	< .50
14 Mar 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.60	< .02	.05	2.40	< .50
26 Mar 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.50	< .02	.03	2.30	< .50
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.11	< .08	.40	< .02	.02	1.40	< .50
19 Apr 01	< .30	< .50	.03	< .10	.06	.11	< .08	.40	< .02	.03	1.40	< .50
01 May 01	< .30	< .50	.03	< .10	< .05	.10	< .08	.40	< .02	.03	1.20	< .50
13 May 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.10	< .02	< .01	.60	< .50
25 May 01	< .30	< .50	.05	< .10	.06	.12	< .08	.50	< .02	.04	1.50	.70
06 Jun 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.40	< .02	.04	1.40	.50
18 Jun 01	< .30	< .50	.07	< .10	.06	.11	< .08	.40	< .02	.03	1.20	.50
30 Jun 01	< .30	< .50	< .02	< .10	.06	.12	< .08	.60	< .02	.07	1.40	< .50
12 Jul 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.30	< .02	.04	1.00	< .50
24 Jul 01	< .30	< .50	.03	< .10	.07	.13	< .08	.30	< .02	.06	1.60	< .50
07 Aug 01	< .30	< .50	.03	< .10	.05	.09	< .08	.50	< .02	.07	3.70	.50
17 Aug 01	< .30	< .50	.06	< .10	.06	.11	< .08	.90	< .02	.06	3.40	2.10
30 Aug 01	< .30	< .50	.03	< .10	.06	.12	< .08	.20	< .02	.03	2.10	< .50
10 Sep 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.03	2.20	< .50
22 Sep 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.80	< .02	.08	4.00	1.30
04 Oct 01	< .30	< .50	< .02	< .10	.05	.12	< .08	.30	< .02	.03	2.10	< .50
17 Oct 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.40	< .02	.04	2.80	.50
28 Oct 01	< .30	< .50	.06	< .10	.07	.13	< .08	.60	< .02	.03	3.50	1.40
09 Nov 01	< .30	< .50	.09	< .10	.08	.15	< .08	2.20	< .02	.11	5.30	3.20
21 Nov 01	< .30	< .50	< .02	< .10	.06	.12	< .08	.70	< .02	.05	2.40	.80
03 Dec 01	< .30	< .50	.03	< .10	.06	.13	< .08	1.00	< .02	.03	3.90	1.20
15 Dec 01	< .30	< .50	.04	< .10	.06	.13	< .08	1.40	< .02	.05	3.70	1.30
27 Dec 01	< .30	< .50	.06	< .10	.06	.14	< .08	1.40	< .02	.09	4.10	1.70

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	31	18	31	5		31		31	1		17
Max	< .30	< .50	.09	< .10	.10	.15	< .08	2.20	< .02	.18	5.30	3.20
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.60	< .50
Mean*	< .30	< .50	.03	< .10	.05	.11	< .08	.67	< .02	.05	2.57	.69
Std dev*			.02		.02	.01		.47		.03	1.22	.71

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Richmond - 7th St  
1065-7th Street  
Richmond, CA 948 01

(P)

ID# 2019  
arb# 0700441  
airs# 060130006

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	.05	< .10	.05	.11	< .08	1.40	< .02	.15	2.30	1.00
13 Jan 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	< .01	.90	< .50
25 Jan 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.90	< .02	.06	1.70	.60
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.20	< .02	< .01	2.00	< .50
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	.70	< .50
06 Mar 01	< .30	.50	< .02	< .10	< .05	.09	< .08	.60	< .02	.06	1.80	.70
14 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.03	2.80	.70
26 Mar 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.60	< .02	.04	1.30	.80
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	2.40	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.50	< .50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.03	1.20	< .50
13 May 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.10	< .02	< .01	1.10	< .50
25 May 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.20	< .02	< .01	.30	1.00
06 Jun 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.50	< .02	.05	2.80	.50
18 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.03	1.10	.70
30 Jun 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.05	1.40	< .50
12 Jul 01	< .30	< .50	< .02	< .10	.06	.11	< .08	.20	< .02	.03	2.00	< .50
24 Jul 01	< .30	< .50	< .02	< .10	< .05	.11	< .08	.20	< .02	< .01	.80	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.50	< .50
17 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.40	< .50
29 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.60	< .50
10 Sep 01	< .30	< .50	.06	< .10	.06	.11	< .08	.70	< .02	.03	1.60	1.20
22 Sep 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.40	< .50
04 Oct 01	< .30	.50	< .02	< .10	< .05	.10	< .08	.20	< .02	.02	1.30	< .50
16 Oct 01	< .30	.60	< .02	< .10	< .05	.09	< .08	.30	< .02	.07	1.00	.50
28 Oct 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.03	.80	.80
09 Nov 01	< .30	< .50	.05	< .10	.05	.11	< .08	1.00	< .02	.07	2.00	2.30
21 Nov 01	< .30	< .50	.04	< .10	.05	.11	< .08	.50	< .02	.04	1.40	1.10
03 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.60	< .02	.02	1.00	.70
15 Dec 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.60	< .02	.03	1.20	1.00
27 Dec 01	< .30	< .50	< .02	< .10	.06	.11	< .08	.80	< .02	.12	1.70	1.20

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	28	27	31	16		31		31	8		15
Max	< .30	.60	.06	< .10	.06	.11	< .08	1.40	< .02	.15	2.80	2.30
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.30	< .50
Mean*	< .30	.28	.02	< .10	.04	.10	< .08	.43	< .02	.04	1.32	.60
Std dev*		.09	.01		.01	.01		.29		.03	.70	.46

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Bethel Island  
5551 Bethel Island Road  
Bethel Island, CA 94511

(P)

ID# 2021  
arb# 0700442  
airs# 060131002

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.05	.11	< .08	1.20	< .02	.05	1.80	1.90
13 Jan 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.50	< .02	.02	.60	.70
25 Jan 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.30	< .02	.02	.60	< .50
06 Feb 01	< .30	< .50	< .02	< .10	.08	.09	< .08	.40	< .02	.02	.40	< .50
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.03	.90	.70
02 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.50	< .50
14 Mar 01	< .30	< .50	.03	< .10	.05	.09	< .08	.70	< .02	.04	1.40	.60
26 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.30	< .50
07 Apr 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.20	< .02	< .01	.30	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.30	< .50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.30	< .50
13 May 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.02	.40	< .50
25 May 01	< .30	< .50	< .02	< .10	< .05	.14	< .08	.30	< .02	.04	.60	.50
06 Jun 01	< .30	< .50	< .02	< .10	.07	.11	< .08	.20	< .02	.03	.30	< .50
18 Jun 01	< .30	< .50	.05	< .10	< .05	.10	< .08	.50	< .02	.09	1.60	.50
30 Jun 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.20	< .02	.03	.60	< .50
12 Jul 01	< .30	< .50	< .02	< .10	.07	.10	< .08	.30	< .02	.03	.50	< .50
24 Jul 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.50	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.10	< .02	< .01	.40	< .50
17 Aug 01	< .30	< .50	.03	< .10	< .05	.10	< .08	.30	< .02	.02	.60	.50
29 Aug 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.20	< .02	.03	.40	< .50
10 Sep 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.20	< .02	.04	.30	< .50
22 Sep 01	< .30	< .50	< .02	< .10	.07	.11	< .08	.30	< .02	.02	.50	.50
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.11	< .08	.20	< .02	.04	.40	< .50
16 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.04	.60	< .50
28 Oct 01	< .30	< .50	.03	< .10	.05	.12	< .08	.20	< .02	.02	.40	< .50
09 Nov 01	< .30	.60	.05	< .10	.05	.10	< .08	.90	< .02	.07	2.20	1.40
21 Nov 01	< .30	< .50	.04	< .10	.05	.11	< .08	.60	< .02	.06	1.00	1.10
03 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.02	.50	.50
15 Dec 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.20	< .02	< .01	.20	< .50
27 Dec 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.50	< .02	.02	.70	.70

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	30	25	31	15		31		31	3		19
Max	< .30	.60	.05	< .10	.08	.14	< .08	1.20	< .02	.09	2.20	1.90
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.10	< .02	< .01	.20	< .50
Mean*	< .30	.26	.02	< .10	.04	.10	< .08	.35	< .02	.03	.65	.46
Std dev*		.06	.01		.02	.01		.24		.02	.48	.38

\* includes Obs < LOD as 1/2 LOD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: San Pablo-El Portal Center  
 Unit 759  
 San Pablo, CA 94806

(P)

ID# 2030  
 arb# 0700445  
 airs# 060131003

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
16 Oct 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.40	< .02	.02	1.00	.50
28 Oct 01	< .30	< .50	.04	< .10	.06	.12	< .08	.50	< .02	.04	1.10	1.40
09 Nov 01	< .30	.90	.04	< .10	.05	.10	< .08	1.20	< .02	.07	1.80	2.70
21 Nov 01	< .30	< .50	.04	< .10	.05	.11	< .08	.60	< .02	.10	1.10	1.10
03 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.80	< .02	.03	1.20	.90
15 Dec 01	< .30	< .50	.04	< .10	.05	.11	< .08	.60	< .02	.05	1.20	.60
27 Dec 01	< .30	.50	.03	< .10	.05	.10	< .08	.90	< .02	.05	1.40	1.10

# OBS	7	7	7	7	7	7	7	7	7	7	7	7
# < LOD	7	5	2	7	1		7		7			
Max	< .30	.90	.04	< .10	.06	.12	< .08	1.20	< .02	.10	1.80	2.70
Min	< .30	< .50	< .02	< .10	< .05	.10	< .08	.40	< .02	.02	1.00	.50
Mean*	< .30	.38	.03	< .10	.05	.11	< .08	.71	< .02	.05	1.26	1.19
Std dev*		.25	.01		.01	.01		.27		.03	.27	.74

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Concord - Arnold  
2477 Arnold Industrial Way  
Concord, CA 94520

(P)

ID# 2032  
arb#  
airs#

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.16	.11	< .08	1.50	< .02	.10	2.40	1.30
13 Jan 01	< .30	< .50	< .02	< .10	.20	.10	< .08	.80	< .02	.06	1.70	.60
25 Jan 01	< .30	< .50	< .02	< .10	.10	.10	< .08	.80	< .02	.06	2.30	.60
06 Feb 01	< .30	< .50	< .02	< .10	.18	.11	< .08	.40	< .02	.03	.60	< .50
18 Feb 01	< .30	< .50	< .02	< .10	.10	.09	< .08	1.00	< .02	.06	1.60	.90
02 Mar 01	< .30	< .50	< .02	< .10	.12	.09	< .08	.70	< .02	.04	2.40	< .50
14 Mar 01	< .30	< .50	< .02	< .10	.13	.09	< .08	.60	< .02	.04	1.50	.60
26 Mar 01	< .30	< .50	< .02	< .10	.14	.09	< .08	.50	< .02	.03	1.20	< .50
07 Apr 01	< .30	< .50	< .02	< .10	.15	.10	< .08	.40	< .02	.03	.70	< .50
19 Apr 01	< .30	< .50	< .02	< .10	.15	.11	< .08	.50	< .02	.02	.90	< .50
01 May 01	< .30	< .50	< .02	< .10	.15	.09	< .08	.40	< .02	.03	.90	.50
13 May 01	< .30	< .50	< .02	< .10	.14	.09	< .08	.20	< .02	.05	.60	< .50
25 May 01	< .30	.60	.03	< .10	.15	.09	< .08	.50	< .02	.05	.90	1.50
06 Jun 01	< .30	< .50	.03	< .10	.63	.10	< .08	.40	< .02	.03	.90	.80
18 Jun 01	< .30	< .50	< .02	< .10	.19	.09	< .08	.60	< .02	.04	1.70	1.00
30 Jun 01	< .30	< .50	.04	< .10	.18	.10	< .08	.40	< .02	.04	1.00	1.00
12 Jul 01	< .30	< .50	< .02	< .10	.15	.10	< .08	.30	< .02	.04	.70	.50
24 Jul 01	< .30	< .50	.03	< .10	.18	.11	< .08	.30	< .02	.03	.80	1.00
05 Aug 01	< .30	< .50	< .02	< .10	.13	.09	< .08	.40	< .02	.02	.80	.70
17 Aug 01	< .30	< .50	< .02	< .10	.12	.09	< .08	.50	< .02	.04	1.60	2.30
29 Aug 01	< .30	< .50	< .02	< .10	.10	.08	< .08	.30	< .02	.04	.70	< .50
10 Sep 01	< .30	< .50	.03	< .10	.14	.10	< .08	.40	< .02	.02	1.10	.70
22 Sep 01	< .30	< .50	< .02	< .10	.12	.09	< .08	.60	< .02	.04	1.20	1.20
04 Oct 01	< .30	< .50	< .02	< .10	.09	.09	< .08	.20	< .02	.02	.50	< .50
16 Oct 01	< .30	< .50	.03	< .10	.14	.10	< .08	.50	< .02	.04	1.10	1.50
28 Oct 01	< .30	< .50	< .02	< .10	.16	.10	< .08	.60	< .02	.04	1.10	1.20
09 Nov 01	< .30	< .50	.04	< .10	.15	.14	< .08	1.40	< .02	.12	2.70	2.20
21 Nov 01	< .30	< .50	.03	< .10	.15	.11	< .08	.80	< .02	.08	1.70	1.50
03 Dec 01	< .30	< .50	< .02	< .10	.15	.10	< .08	.80	< .02	.12	1.30	2.00
15 Dec 01	< .30	< .50	< .02	< .10	.09	.11	< .08	.80	< .02	.16	1.20	.90
27 Dec 01	< .30	< .50	.03	< .10	.12	.12	< .08	.60	< .02	.06	1.30	1.00

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	30	22	31			31		31			8
Max	< .30	.60	.04	< .10	.63	.14	< .08	1.50	< .02	.16	2.70	2.30
Min	< .30	< .50	< .02	< .10	.09	.08	< .08	.20	< .02	.02	.50	< .50
Mean*	< .30	.26	.02	< .10	.16	.10	< .08	.59	< .02	.05	1.26	.89
Std dev*		.06	.01		.09	.01		.30		.03	.58	.59

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: San Rafael  
534 4th Street  
San Rafael, CA 949 01

(P)

ID# 3005  
arb# 2100451  
airs# 060410001

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.39	.10	< .08	1.00	< .02	.14	3.20	.70
13 Jan 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.40	< .02	.03	.80	< .50
25 Jan 01	< .30	.80	< .02	< .10	.06	.09	< .08	.80	< .02	.19	1.90	< .50
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.60	< .50
18 Feb 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.06	.80	< .50
02 Mar 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.60	< .02	.16	1.00	.60
14 Mar 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.70	< .02	.14	1.30	.50
26 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.07	.60	< .50
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.40	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.04	1.00	< .50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.05	.60	< .50
13 May 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.20	< .02	< .01	.30	< .50
25 May 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.08	.90	.50
06 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.07	.80	< .50
18 Jun 01	< .30	< .50	.05	< .10	.05	.10	< .08	.40	< .02	.07	.80	< .50
30 Jun 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.06	.70	< .50
12 Jul 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.06	.90	< .50
24 Jul 01	< .30	< .50	.03	< .10	.06	.11	< .08	.30	< .02	.19	.80	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.40	< .50
17 Aug 01	< .30	< .50	.03	< .10	.05	.10	< .08	.40	< .02	.08	1.10	< .50
29 Aug 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.50	< .02	.30	1.40	.80
10 Sep 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.40	< .02	.06	1.10	.50
22 Sep 01	< .30	< .50	< .02	< .10	.06	.11	< .08	.50	< .02	.15	1.10	.50
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.20	1.00	< .50
16 Oct 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.60	< .02	.16	1.30	.50
28 Oct 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.50	< .02	.04	1.00	.80
09 Nov 01	< .30	< .50	.04	< .10	.06	.10	< .08	1.40	< .02	.14	2.60	2.20
21 Nov 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.70	< .02	.31	1.20	1.00
03 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.70	< .02	.06	1.40	.80
15 Dec 01	< .30	< .50	< .02	< .10	.06	.11	< .08	.60	< .02	.06	1.00	.80
27 Dec 01	< .30	.70	< .02	< .10	.05	.11	< .08	1.00	< .02	.18	2.00	1.20

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	29	27	31	9		31		31	2		17
Max	< .30	.80	.05	< .10	.39	.11	< .08	1.40	< .02	.31	3.20	2.20
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.30	< .50
Mean*	< .30	.28	.01	< .10	.06	.10	< .08	.51	< .02	.10	1.10	.50
Std dev*		.13	.01		.06	.01		.26		.08	.62	.41

\* includes Obs < LOD as 1/2 LOD



BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Ft. Cronkhite Bldg 1049  
 NATIONAL PRK SRVC  
 Sausalito, CA 94965

(P)

ID# 3007  
 arb# 2100454  
 airs# 060410002

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.40	< .02	.03	.50	.50
13 Jan 01	< .30	< .50	< .02	< .10	.45	.10	< .08	1.00	< .02	.02	2.30	< .50
25 Jan 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.10	< .02	.02	.10	< .50
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.10	< .02	< .01	.10	< .50
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.30	< .02	.02	.60	< .50
02 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.20	< .50
14 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.20	< .50
26 Mar 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.40	< .02	.02	.90	< .50
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.10	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.10	< .50
01 May 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.20	< .02	.02	.20	< .50
13 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.80	< .50
25 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.10	< .50
06 Jun 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.20	< .02	.02	.30	< .50
18 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.10	< .50
30 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.10	< .50
12 Jul 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	< .01	.40	< .50
24 Jul 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.10	< .02	.02	.20	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.10	< .50
17 Aug 01	< .30	< .50	< .02	< .10	.09	.09	< .08	.40	< .02	.03	1.10	< .50
29 Aug 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.10	< .02	< .01	.10	< .50
10 Sep 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.10	< .02	< .01	.30	< .50
22 Sep 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.10	< .02	< .01	.10	< .50
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.10	< .02	< .01	.10	< .50
16 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.20	< .50
28 Oct 01	< .30	< .50	< .02	< .10	.06	.11	< .08	.20	< .02	.07	.70	< .50
09 Nov 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.04	.60	.60
21 Nov 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.20	< .02	< .01	.20	< .50
03 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	< .01	.20	< .50
15 Dec 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.10	< .02	< .01	.20	< .50
27 Dec 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.30	< .02	.03	.50	.50

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	31	31	31	15		31		31	19		28
Max	< .30	< .50	< .02	< .10	.45	.11	< .08	1.00	< .02	.07	2.30	.60
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.10	< .02	< .01	.10	< .50
Mean*	< .30	< .50	< .30	< .10	.05	.10	< .08	.22	< .02	.01	.38	.28
Std dev*					.08	.01		.18		.01	.45	.09

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Napa - Jefferson St  
2552 Jefferson St  
Napa, CA 94558

(P)

ID# 4001  
arb# 2800783  
airs# 060550003

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.09	.11	< .08	1.50	< .02	.06	2.40	1.50
13 Jan 01	< .30	< .50	< .02	< .10	.05	.09	< .08	1.10	< .02	.05	1.60	1.10
25 Jan 01	< .30	< .50	< .02	< .10	.06	.09	< .08	1.10	< .02	.07	1.80	1.30
06 Feb 01	< .30	.50	< .02	< .10	.06	.10	< .08	.80	< .02	.06	2.10	.90
18 Feb 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.70	< .02	.04	1.20	.70
02 Mar 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.80	< .02	.07	1.40	.70
14 Mar 01	< .30	< .50	< .02	< .10	.07	.09	< .08	.70	< .02	.05	1.40	.90
26 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.70	< .02	.05	1.70	.90
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.40	< .02	< .01	.70	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.02	.70	< .50
01 May 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.40	< .02	.05	1.10	.60
13 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.30	< .50
25 May 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.04	.60	.50
06 Jun 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.03	.60	.60
18 Jun 01	< .30	< .50	.05	< .10	.05	.09	< .08	.60	< .02	.04	1.20	1.10
30 Jun 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.40	< .02	.02	.70	< .50
12 Jul 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.02	.60	< .50
24 Jul 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.30	< .02	.04	.50	< .50
05 Aug 01	< .30	< .50	.04	< .10	.05	.10	< .08	.20	< .02	< .01	.60	.50
17 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.09	1.40	< .50
29 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.50	< .50
10 Sep 01	< .30	< .50	.04	< .10	.05	.10	< .08	.50	< .02	.08	1.20	.90
22 Sep 01	< .30	.90	< .02	< .10	< .05	.09	< .08	.50	< .02	.03	1.40	.60
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.30	< .02	.02	.60	.50
16 Oct 01	< .30	.60	< .02	< .10	.07	.09	< .08	.50	< .02	.05	1.20	.60
28 Oct 01	< .30	< .50	.05	< .10	.05	.10	< .08	.80	< .02	.04	1.40	1.70
09 Nov 01	< .30	< .50	.06	< .10	.06	.10	< .08	1.80	< .02	.08	4.70	3.40
21 Nov 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.50	< .02	.03	1.10	1.10
03 Dec 01	< .30	< .50	.03	< .10	.05	.10	< .08	1.40	< .02	.04	2.50	2.00
15 Dec 01	< .30	< .50	.04	< .10	.05	.11	< .08	1.00	< .02	.03	1.80	1.60
27 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.90	< .02	.06	1.70	1.60

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	28	24	31	10		31		31	3		8
Max	< .30	.90	.06	< .10	.09	.11	< .08	1.80	< .02	.09	4.70	3.40
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.20	< .02	< .01	.30	< .50
Mean*	< .30	.29	.02	< .10	.05	.09	< .08	.65	< .02	.04	1.31	.88
Std dev*		.14	.02		.02	.01		.40		.02	.85	.68

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001

Station: San Francisco - Arkansas St.  
10 Arkansas Street  
San Francisco, CA 94107

(P)

ID# 5011  
arb# 9000306  
airs# 060750005

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.08	.11	< .08	1.00	< .02	.14	2.10	1.10
13 Jan 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.40	< .02	.07	.70	< .50
26 Jan 01	< .30	.80	< .02	< .10	.06	.10	< .08	.70	< .02	.08	1.70	< .50
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.60	< .02	.14	1.60	< .50
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.60	< .50
02 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.70	< .02	.05	1.40	< .50
14 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.07	1.00	.50
26 Mar 01	< .30	< .50	.04	< .10	.05	.10	< .08	.70	< .02	.05	1.30	.50
07 Apr 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.04	.50	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.04	.70	< .50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.06	.90	< .50
13 May 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.30	< .02	.03	.50	< .50
25 May 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	.03	.50	< .50
06 Jun 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.05	.90	.50
18 Jun 01	< .30	< .50	.05	< .10	< .05	.08	< .08	.60	< .02	.08	1.70	< .50
30 Jun 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.20	< .02	.05	.40	< .50
12 Jul 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.08	.70	< .50
24 Jul 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.06	.70	< .50
05 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.02	.60	< .50
17 Aug 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.50	< .02	.07	1.10	< .50
29 Aug 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.30	< .02	.07	.90	< .50
10 Sep 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.05	1.30	< .50
22 Sep 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.05	.90	< .50
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.04	.50	< .50
16 Oct 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.40	< .02	.05	.90	< .50
28 Oct 01	< .30	.60	.04	< .10	.05	.10	< .08	.60	< .02	.05	1.40	1.10
09 Nov 01	< .30	.60	.08	< .10	.07	.11	< .08	1.80	< .02	.46	4.00	2.50
21 Nov 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.50	< .02	.09	1.40	.80
03 Dec 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	.60	< .02	.04	1.30	.70
15 Dec 01	< .30	< .50	.03	< .10	.05	.11	< .08	.50	< .02	.04	1.10	.50
27 Dec 01	< .30	< .50	.04	< .10	.05	.11	< .08	1.40	< .02	.07	3.00	1.40

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	28	25	31	13		31		31			21
Max	< .30	.80	.08	< .10	.08	.11	< .08	1.80	< .02	.46	4.00	2.50
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.20	< .02	.02	.40	< .50
Mean*	< .30	.29	.02	< .10	.04	.10	< .08	.53	< .02	.07	1.17	.48
Std dev*		.13	.02		.02	.01		.34		.08	.76	.48

\* includes Obs < LOD as 1/2 LOD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: Redwood City  
 897 Barron Avenue  
 Redwood City, CA 94063

(P)

ID# 6004  
 arb# 4100541  
 airs# 060811001

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.09	.05	.22	1.40	< .02	.09	2.40	1.40
13 Jan 01	< .30	< .50	< .02	< .10	.08	.10	.35	.90	< .02	.06	2.50	1.30
25 Jan 01	< .30	.70	.03	< .10	.05	.09	< .08	1.10	< .02	.08	2.30	1.00
06 Feb 01	< .30	1.40	.03	< .10	.07	.10	.28	.50	< .02	.05	1.50	.70
18 Feb 01	< .30	< .50	< .02	< .10	< .05	.08	< .08	.40	< .02	.04	.70	< .50
02 Mar 01	< .30	.50	< .02	< .10	.06	.09	< .08	.60	< .02	.06	1.40	< .50
15 Mar 01	< .30	< .50	.04	< .10	.05	.09	.25	.70	< .02	.06	1.70	.80
26 Mar 01	< .30	1.70	.06	< .10	.09	.10	.12	.70	< .02	.05	3.40	.90
07 Apr 01	< .30	.60	< .02	< .10	< .05	.09	.09	.40	< .02	.05	.80	< .50
19 Apr 01	< .30	< .50	.03	< .10	.06	.09	.17	.50	< .02	.03	1.70	.60
01 May 01	< .30	.60	< .02	< .10	.05	.09	< .08	.40	< .02	.04	1.00	.50
13 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.10	< .02	< .01	.30	< .50
25 May 01	< .30	< .50	.05	< .10	.05	.09	< .08	.40	< .02	.03	1.90	.60
06 Jun 01	< .30	< .50	.06	< .10	< .05	.05	.09	.40	< .02	.05	1.60	.70
19 Jun 01	< .30	< .50	.08	< .10	< .05	.08	< .08	.60	< .02	.13	2.90	1.30
30 Jun 01	< .30	< .50	.04	< .10	.05	.09	< .08	.50	< .02	.04	1.50	.60
12 Jul 01	< .30	< .50	.04	< .10	.05	.10	< .08	.20	< .02	.03	1.50	< .50
25 Jul 01	< .30	< .50	.04	< .10	.06	.10	< .08	.30	< .02	.02	.90	.60
05 Aug 01	< .30	< .50	.04	< .10	.05	.10	.10	.30	< .02	< .01	.70	.60
17 Aug 01	< .30	.60	.06	< .10	.06	.09	.09	.60	< .02	.05	11.90	1.40
29 Aug 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	1.10	< .50
10 Sep 01	< .30	< .50	.06	< .10	< .05	.09	.09	.40	< .02	.04	2.50	1.10
22 Sep 01	< .30	< .50	.07	< .10	.05	.10	< .08	.50	< .02	.04	1.80	.90
04 Oct 01	< .30	< .50	.07	< .10	.05	.10	.34	.50	< .02	.03	1.80	.60
11 Oct 01	< .30	.50	.08	< .10	.05	.08	.13	.90	< .02	.08	4.00	1.30
16 Oct 01	< .30	1.00	.04	< .10	.05	.09	< .08	.60	< .02	.06	3.80	1.20
28 Oct 01	< .30	< .50	.08	< .10	.06	.12	.15	.70	< .02	.04	2.00	1.60
09 Nov 01	< .30	.50	.12	< .10	.10	.11	.38	2.40	< .02	.13	7.00	4.00
21 Nov 01	< .30	< .50	.05	< .10	.05	.11	.18	1.20	< .02	.08	3.00	2.20
07 Dec 01	< .30	< .50	.05	< .10	.05	.11	.19	1.20	< .02	.05	2.50	1.80
15 Dec 01	< .30	< .50	.05	< .10	.05	.11	.20	1.20	< .02	.04	6.40	1.30

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	21	8	31	7		13		31	2		6
Max	< .30	1.70	.12	< .10	.10	.12	.38	2.40	< .02	.13	11.90	4.00
Min	< .30	< .50	< .02	< .10	< .05	.05	< .08	.10	< .02	< .01	.30	< .50
Mean*	< .30	.43	.04	< .10	.05	.09	.13	.67	< .02	.05	2.53	.98
Std dev*		.35	.03		.02	.01	.10	.46		.03	2.29	.75

\* includes Obs < LOD as 1/2 LOD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
 TOXIC AIR CONTAMINANTS  
 2001 ANNUAL REPORT  
 JULY 2003

Ambient Air Toxics Data – Gases (ppb)  
 Date Range: Jan 1, 2001 – Dec 31, 2001

Station: San Jose - 4th St  
 120B N 4th Street  
 San Jose, CA 95112

(P)

ID# 7009  
 arb# 4300382  
 airs# 060850004

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.09	.10	< .08	2.00	< .02	.11	4.00	2.50
14 Jan 01	< .30	< .50	< .02	< .10	.06	.09	< .08	.90	< .02	.06	1.70	1.00
25 Jan 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.70	< .02	.05	2.50	.50
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.04	.90	.50
18 Feb 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.40	< .02	.04	.70	< .50
02 Mar 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.70	< .02	.04	1.20	.50
14 Mar 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.70	< .02	.07	1.70	.80
26 Mar 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.60	< .02	.04	1.00	.60
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.50	< .50
19 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.50	< .02	.03	.80	.50
01 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	.03	.70	< .50
13 May 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.20	< .02	< .01	.30	< .50
25 May 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.03	.90	< .50
06 Jun 01	< .30	< .50	.03	< .10	.08	.10	< .08	.40	< .02	.03	.80	.70
18 Jun 01	< .30	< .50	.05	< .10	.07	.09	< .08	.70	< .02	.05	1.40	1.20
30 Jun 01	< .30	< .50	< .02	< .10	.07	.11	< .08	.40	< .02	.04	1.00	1.00
12 Jul 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.03	.60	< .50
24 Jul 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.40	< .02	.05	.90	< .50
05 Aug 01	< .30	< .50	.03	< .10	.07	.09	< .08	.40	< .02	.02	.90	.90
17 Aug 01	< .30	< .50	.03	< .10	.06	.11	< .08	.60	< .02	.04	1.30	.90
29 Aug 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.30	< .02	.04	1.00	< .50
10 Sep 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.40	< .02	.03	.90	.90
22 Sep 01	< .30	< .50	.06	< .10	.07	.11	< .08	.70	< .02	.07	1.70	1.50
04 Oct 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.02	.60	< .50
16 Oct 01	< .30	< .50	.03	< .10	.05	.09	< .08	.60	< .02	.06	1.70	.80
28 Oct 01	< .30	.60	< .02	< .10	.07	.10	< .08	.40	< .02	.02	.80	1.10
09 Nov 01	< .30	.60	.08	< .10	.09	.10	< .08	2.50	< .02	.22	5.40	4.60
21 Nov 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.70	< .02	.09	1.90	1.60
03 Dec 01	< .30	< .50	< .02	< .10	.06	.10	< .08	.90	< .02	.04	1.70	1.40
15 Dec 01	< .30	< .50	.04	< .10	.06	.11	< .08	1.70	< .02	.08	3.20	2.40
27 Dec 01	< .30	< .50	< .02	< .10	.07	.11	< .08	1.20	< .02	.22	3.40	1.60

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	29	23	31	7		31		31	1		9
Max	< .30	.60	.08	< .10	.09	.11	< .08	2.50	< .02	.22	5.40	4.60
Min	< .30	< .50	< .02	< .10	< .05	.09	< .08	.20	< .02	< .01	.30	< .50
Mean*	< .30	.27	.02	< .10	.05	.10	< .08	.68	< .02	.06	1.49	.96
Std dev*		.09	.02		.02	.01		.52		.05	1.14	.91

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Sunnyvale - Ticonderoga  
910 Ticonderoga Drive  
Sunnyvale, CA 94087

(P)

ID# 7030  
arb# 4300394  
airs# 060852007

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Apr 01	< .30	< .50	.41	< .10	< .05	.08	< .08	.30	< .02	.02	.50	.90
07 Apr 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	.60	< .50
19 Apr 01	< .30	< .50	.09	< .10	.05	.09	< .08	.30	< .02	.02	.50	< .50
01 May 01	< .30	.50	.15	< .10	< .05	.09	< .08	.40	< .02	.06	.60	.50
13 May 01	< .30	< .50	.18	< .10	.05	.09	< .08	.20	< .02	.02	.20	< .50
25 May 01	< .30	.70	.27	< .10	.05	.09	< .08	.20	< .02	.04	.60	.50
18 Jun 01	< .30	< .50	.09	< .10	.05	.08	< .08	.60	< .02	.04	1.50	1.10
24 Jun 01	< .30	.70	.08	< .10	.05	.09	< .08	.30	< .02	.02	.70	.60
30 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.05	.80	< .50
12 Jul 01	< .30	.60	.23	< .10	.05	.11	< .08	.30	< .02	.02	.50	< .50
24 Jul 01	< .30	< .50	.15	< .10	< .05	.09	< .08	.50	< .02	.07	.90	.60
05 Aug 01	< .30	< .50	.13	< .10	< .05	.09	< .08	.30	< .02	< .01	.50	< .50
17 Aug 01	< .30	< .50	.15	< .10	< .05	.09	< .08	.40	< .02	.04	1.10	.60
29 Aug 01	< .30	< .50	.18	< .10	.05	.10	< .08	.20	< .02	.03	.60	.50
10 Sep 01	< .30	< .50	.16	< .10	< .05	.09	< .08	.40	< .02	.04	.70	< .50
22 Sep 01	< .30	< .50	.08	< .10	.05	.09	< .08	.60	< .02	.06	1.40	.70
16 Oct 01	< .30	< .50	.08	< .10	< .05	.09	< .08	.50	< .02	.06	1.00	< .50
19 Oct 01	< .30	.60	.16	< .10	.07	.10	< .08	1.20	< .02	.10	2.80	2.70
28 Oct 01	< .30	< .50	.12	< .10	.05	.10	< .08	.60	< .02	.03	1.10	1.10
09 Nov 01	< .30	< .50	.26	< .10	.06	.10	< .08	1.60	< .02	.09	3.50	3.20
21 Nov 01	< .30	< .50	.16	< .10	.05	.10	< .08	1.10	< .02	.13	2.00	1.80
05 Dec 01	< .30	< .50	.04	< .10	.05	.11	< .08	.90	< .02	.05	1.50	1.00
15 Dec 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.70	< .02	.02	1.30	.70
27 Dec 01	< .30	< .50	.04	< .10	.05	.10	< .08	.90	< .02	.08	1.80	1.00

# OBS	24	24	24	24	24	24	24	24	24	24	24	24
# < LOD	24	19	3	24	9		24		24	1		8
Max	< .30	.70	.41	< .10	.07	.11	< .08	1.60	< .02	.13	3.50	3.20
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.20	< .02	< .01	.20	< .50
Mean*	< .30	.33	.14	< .10	.04	.09	< .08	.55	< .02	.05	1.11	.81
Std dev*		.16	.09		.01	.01		.36		.03	.78	.77

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Vallejo - Tuolumne St  
304 Tuolumne Street  
Vallejo, CA 94590

(P)

ID# 8004  
arb# 4800879  
airs# 060950004

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	< .05	.10	< .08	1.00	< .02	.13	1.80	1.20
13 Jan 01	< .30	< .50	< .02	< .10	.07	.09	< .08	.70	< .02	.11	1.30	.70
25 Jan 01	< .30	< .50	< .02	< .10	.06	.09	< .08	1.20	< .02	.18	2.50	.90
06 Feb 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	< .01	.70	< .50
18 Feb 01	< .30	.60	.03	< .10	.06	.10	< .08	.60	< .02	.14	1.20	.50
02 Mar 01	< .30	< .50	< .02	< .10	.05	.09	< .08	.80	< .02	.09	1.50	.90
14 Mar 01	< .30	.70	< .02	< .10	< .05	.09	< .08	.50	< .02	.07	.70	< .50
26 Mar 01	< .30	.80	< .02	< .10	.05	.10	< .08	.50	< .02	.05	.90	.50
07 Apr 01	< .30	.50	< .02	< .10	< .05	.10	< .08	.20	< .02	.02	.30	< .50
19 Apr 01	< .30	1.30	< .02	< .10	< .05	.09	< .08	.20	< .02	.06	.20	< .50
01 May 01	< .30	.80	< .02	< .10	< .05	.09	< .08	.40	< .02	.02	.60	< .50
13 May 01	< .30	1.70	< .02	< .10	.05	.10	< .08	.10	< .02	< .01	.20	< .50
25 May 01	< .30	.80	.03	< .10	.05	.08	< .08	.40	< .02	.04	.70	< .50
06 Jun 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.20	< .02	.03	.70	.50
18 Jun 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.40	< .02	.02	.80	< .50
30 Jun 01	< .30	< .50	.03	< .10	.05	.10	< .08	.30	< .02	.04	.80	.80
12 Jul 01	< .30	1.10	< .02	< .10	.05	.10	< .08	.20	< .02	.02	.40	< .50
24 Jul 01	< .30	.60	< .02	< .10	< .05	.09	< .08	.30	< .02	.03	.70	< .50
05 Aug 01	< .30	< .50	< .02	< .10	.05	.10	< .08	.10	< .02	< .01	.40	< .50
17 Aug 01	< .30	< .50	.03	< .10	< .05	.09	< .08	.30	< .02	.08	1.40	< .50
29 Aug 01	< .30	< .50	< .02	< .10	.05	.11	< .08	.20	< .02	.06	.80	< .50
10 Sep 01	< .30	< .50	.03	< .10	.05	.10	< .08	.50	< .02	.05	1.00	.90
22 Sep 01	< .30	< .50	< .02	< .10	< .05	.09	< .08	.30	< .02	.04	.60	< .50
04 Oct 01	< .30	< .50	< .02	< .10	.08	.09	< .08	.30	< .02	.02	.50	< .50
16 Oct 01	< .30	.60	.03	< .10	.05	.10	< .08	.40	< .02	.02	.70	.60
28 Oct 01	< .30	.60	.03	< .10	.05	.09	< .08	.60	< .02	.03	1.20	1.30
09 Nov 01	< .30	.60	.06	< .10	.06	.10	< .08	2.10	< .02	.08	4.40	3.80
21 Nov 01	< .30	.90	< .02	< .10	.05	.11	< .08	.50	< .02	.03	1.20	1.00
03 Dec 01	< .30	< .50	.03	< .10	.05	.10	< .08	1.00	< .02	.03	1.60	1.20
15 Dec 01	< .30	< .50	.06	< .10	.07	.10	< .08	1.80	< .02	.06	3.70	2.80
27 Dec 01	< .30	5.20	.04	< .10	.05	.10	< .08	.70	< .02	.03	1.40	1.00

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	16	20	31	10		31		31	3		15
Max	< .30	5.20	.06	< .10	.08	.11	< .08	2.10	< .02	.18	4.40	3.80
Min	< .30	< .50	< .02	< .10	< .05	.08	< .08	.10	< .02	< .01	.20	< .50
Mean*	< .30	.67	.02	< .10	.05	.10	< .08	.55	< .02	.05	1.13	.72
Std dev*		.92	.01		.02	.01		.46		.04	.93	.78

\* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2001 ANNUAL REPORT  
JULY 2003**

**Ambient Air Toxics Data – Gases (ppb)  
Date Range: Jan 1, 2001 – Dec 31, 2001**

Station: Santa Rosa - 5th St  
837 5th Street  
Santa Rosa, CA 95404

(P)

ID# 9004  
arb# 4900893  
airs# 060970003

Date	VC	DCM	CHC1 <sub>3</sub>	EDC	TCA	CC1 <sub>4</sub>	TCE	BENZ	EDB	PERC	TOL	MTBE
01 Jan 01	< .30	< .50	< .02	< .10	.15	.09	< .08	1.40	< .02	.05	2.10	1.10
13 Jan 01	< .30	< .50	< .02	< .10	.10	.09	< .08	.90	< .02	.05	1.40	.50
25 Jan 01	< .30	< .50	< .02	< .10	.09	.10	< .08	.90	< .02	.03	1.30	< .50
06 Feb 01	< .30	< .50	< .02	< .10	.22	.09	< .08	.40	< .02	.02	.60	< .50
18 Feb 01	< .30	< .50	< .02	< .10	.15	.09	< .08	.50	< .02	.02	.90	.50
02 Mar 01	< .30	< .50	< .02	< .10	.99	.10	< .08	.70	< .02	.03	1.20	< .50
14 Mar 01	< .30	< .50	< .02	< .10	.16	.10	< .08	.80	< .02	.04	1.80	.80
26 Mar 01	< .30	< .50	< .02	< .10	.25	.09	< .08	.40	< .02	.02	.70	< .50
07 Apr 01	< .30	< .50	< .02	< .10	.18	.10	< .08	.30	< .02	< .01	.40	< .50
19 Apr 01	< .30	< .50	< .02	< .10	.23	.09	< .08	.50	< .02	.03	.80	< .50
01 May 01	< .30	< .50	< .02	< .10	.34	.09	< .08	.30	< .02	.02	.40	< .50
13 May 01	< .30	< .50	< .02	< .10	.78	.10	< .08	.20	< .02	.03	.30	< .50
25 May 01	< .30	< .50	< .02	< .10	3.50	.10	< .08	.40	< .02	.02	.90	.50
06 Jun 01	< .30	< .50	< .02	< .10	.30	.10	< .08	.30	< .02	.02	.60	.50
18 Jun 01	< .30	< .50	< .02	< .10	.16	.09	< .08	.60	< .02	.04	1.40	.60
30 Jun 01	< .30	< .50	< .02	< .10	.34	.10	< .08	.40	< .02	.02	.90	< .50
12 Jul 01	< .30	< .50	< .02	< .10	2.16	.11	< .08	.20	< .02	.02	.50	< .50
24 Jul 01	< .30	< .50	.08	< .10	.60	.11	< .08	.40	< .02	.06	1.00	< .50
05 Aug 01	< .30	< .50	< .02	< .10	.60	.09	< .08	.20	< .02	< .01	.50	< .50
17 Aug 01	< .30	< .50	< .02	< .10	1.86	.11	< .08	.50	< .02	.04	1.40	< .50
29 Aug 01	< .30	.80	< .02	< .10	.40	.10	< .08	.30	< .02	.02	.80	< .50
10 Sep 01	< .30	< .50	< .02	< .10	.31	.09	< .08	.30	< .02	.02	.80	< .50
22 Sep 01	< .30	< .50	< .02	< .10	1.06	.10	< .08	.40	< .02	.03	.90	.60
04 Oct 01	< .30	< .50	< .02	< .10	2.08	.12	< .08	.30	< .02	.02	.60	< .50
16 Oct 01	< .30	< .50	< .02	< .10	.97	.11	< .08	.70	< .02	.02	1.40	.90
28 Oct 01	< .30	.50	< .02	< .10	.60	.10	< .08	.60	< .02	.03	1.10	.80
09 Nov 01	< .30	< .50	.03	< .10	1.07	.10	< .08	2.00	< .02	.36	4.60	3.00
21 Nov 01	< .30	< .50	< .02	< .10	1.83	.11	< .08	.70	< .02	.03	1.30	.80
03 Dec 01	< .30	< .50	< .02	< .10	.22	.10	< .08	.70	< .02	.02	1.40	.80
15 Dec 01	< .30	< .50	< .02	< .10	.13	.11	< .08	.60	< .02	.03	1.10	.70
27 Dec 01	< .30	< .50	< .02	< .10	.12	.11	< .08	1.20	< .02	.07	2.40	1.40

# OBS	31	31	31	31	31	31	31	31	31	31	31	31
# < LOD	31	29	29	31			31		31	2		16
Max	< .30	.80	.08	< .10	3.50	.12	< .08	2.00	< .02	.36	4.60	3.00
Min	< .30	< .50	< .02	< .10	.09	.09	< .08	.20	< .02	< .01	.30	< .50
Mean*	< .30	.28	.01	< .10	.71	.10	< .08	.58	< .02	.04	1.15	.56
Std dev*		.11	.01		.80	.01		.39		.06	.81	.54

\* includes Obs < LOD as 1/2 LOD