

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
2000 ANNUAL REPORT
DECEMBER 2001

DIRECTORY OF TOXIC AIR CONTAMINANT
MONITORING STATIONS

| <u>Station</u> | <u>Location</u> | <u>Address</u> |
|-------------------|-------------------------|-----------------------------------|
| 1017 | Livermore | 2614 Old First Street |
| 1018 | Oakland – Davie Stadium | 198 Oak Road |
| 1022 | San Leandro | 15400 Foothill Blvd. |
| 1023 | Livermore | 793 Rincon Ave |
| 2017 | Crocket | End of Kendall Ave |
| 2018 | Concord | 2975 Treat Blvd. |
| 2019 | Richmond | 1065 7 th Street |
| 2021 | Bethel Island | 5551 Bethel Island Road |
| 2032 | Concord | 2477 Arnold Industrial Way |
| 3005 | San Rafael | 534 4 th 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 th Street |
| 8004 | Vallejo | 304 Tuolumne Street |
| 9004 | Santa Rosa | 837 5 th Street |
| <hr/> | | |
| 17 stations total | | |

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001

Pollutant Key

| | | |
|-------------------|---|-------------------------|
| VC | = | Vinyl Chloride |
| DCM | = | Methylene Chloride |
| CHCl ₃ | = | Chloroform |
| EDC | = | Ethylene Dichloride |
| TCA | = | Methyl Chloroform |
| CCl ₄ | = | Carbon Tetrachloride |
| TCE | = | Trichloroethylene |
| BENZ | = | Benzene |
| EDB | = | Ethylene Dibromide |
| PERC | = | Perchloroethylene |
| TOL | = | Toluene |
| MTBE | = | Methyl Tert Butyl Ether |

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Livermore-Old First St (P)
2614 Old-First Street
Livermore, CA 94550

ID# 1017
arb# 6000340
airs# 06 001 0003

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-----|-------------------|-------|-----|------------------|-------|------|-------|------|------|------|
| 07 Jan 00 | < .30 | .50 | < .02 | < .10 | .23 | .11 | < .08 | 1.30 | < .02 | .31 | 3.00 | 3.40 |

| | | | | | | | | | | | | |
|----------|-------|-----|-------|-------|-----|-----|-------|------|-------|-----|------|------|
| # OBS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| # < LOD | 1 | | 1 | 1 | | | 1 | | 1 | | | |
| Max | < .30 | .50 | < .02 | < .10 | .23 | .11 | < .08 | 1.30 | < .02 | .31 | 3.00 | 3.40 |
| Min | < .30 | .50 | < .02 | < .10 | .23 | .11 | < .08 | 1.30 | < .02 | .31 | 3.00 | 3.40 |
| Mean* | | | | | | | | | | | | |
| Std dev* | | | | | | | | | | | | |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

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

ID# 1018
arb# 6000342
airs#

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .30 | < .02 | .03 | .50 | < .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .20 | < .02 | .04 | .90 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .20 | < .02 | .03 | .40 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .30 | < .02 | .02 | .40 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .40 | < .02 | .07 | 1.00 | .60 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .30 | < .02 | .10 | .70 | < .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .12 | < .08 | .20 | < .02 | .02 | .40 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .30 | < .02 | .06 | .80 | 1.00 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .04 | .60 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .06 | .13 | < .08 | .20 | < .02 | .01 | .40 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .02 | .50 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .10 | < .02 | .02 | .20 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | .02 | .20 | < .50 |
| 29 Jul 00 | < .30 | .70 | < .02 | < .10 | .05 | .11 | < .08 | .20 | < .02 | .04 | .50 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .10 | < .02 | .03 | .40 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .30 | < .02 | .04 | .50 | < .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | < .01 | .30 | < .50 |
| 15 Sep 00 | < .30 | 1.70 | < .02 | < .10 | .06 | .11 | < .08 | .30 | < .02 | .05 | .70 | 1.10 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .02 | .20 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .03 | .50 | .50 |
| 25 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .04 | .60 | .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .03 | .50 | .50 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .02 | .50 | < .50 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .70 | < .02 | .07 | 1.20 | 1.10 |
| 08 Dec 00 | < .30 | .50 | < .02 | < .10 | .07 | .11 | .09 | .90 | < .02 | .15 | 2.30 | 1.90 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-----|-------|-----|-------|-----|------|-------|
| # OBS | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| # < LOD | 25 | 22 | 25 | 25 | 2 | | 24 | | 25 | 1 | | 17 |
| Max | < .30 | 1.70 | < .02 | < .10 | .07 | .13 | .09 | .90 | < .02 | .15 | 2.30 | 1.90 |
| Min | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .01 | .20 | < .50 |
| Mean* | < .30 | .34 | < .30 | < .10 | .06 | .11 | .04 | .27 | < .02 | .04 | .61 | .46 |
| Std dev* | | .30 | | | .01 | .01 | .01 | .18 | | .03 | .43 | .41 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: San Leandro (P)
15400 Foothill Boulevard
San Leandro, CA 94578

ID# 1022
arb# 6000343
airs# 06 001 0006

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .03 | .50 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .40 | < .02 | .03 | .60 | < .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .30 | < .02 | .03 | .60 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .01 | .30 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .01 | .20 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .04 | .70 | 1.20 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .03 | .50 | < .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .30 | < .02 | .05 | .50 | < .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | .02 | .30 | < .50 |
| 11 Jun 00 | < .30 | .50 | < .02 | < .10 | .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .16 | .09 | < .08 | .20 | < .02 | .03 | .70 | .60 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | < .01 | .20 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .05 | .60 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .09 | .10 | < .08 | .10 | < .02 | .03 | .30 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .40 | < .02 | .05 | .60 | < .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .04 | .60 | .70 |
| 15 Sep 00 | < .30 | 3.10 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .03 | .30 | .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .03 | .30 | .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .12 | .10 | < .08 | .30 | < .02 | .03 | .50 | .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .40 | < .02 | .04 | .60 | .60 |
| 02 Nov 00 | < .30 | < .50 | .05 | < .10 | .07 | .11 | < .08 | .60 | < .02 | .11 | 1.60 | 1.70 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .40 | < .02 | .04 | .60 | .60 |
| 03 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .30 | < .02 | .03 | .40 | .60 |
| 08 Dec 00 | < .30 | .60 | < .02 | < .10 | .06 | .10 | < .08 | 1.10 | < .02 | .19 | 2.70 | 1.50 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|------|-------|-----|------|-------|
| # OBS | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| # < LOD | 26 | 23 | 25 | 26 | 1 | 1 | 26 | 1 | 26 | 1 | 15 | 15 |
| Max | < .30 | 3.10 | .05 | < .10 | .16 | .12 | < .08 | 1.10 | < .02 | .19 | 2.70 | 1.70 |
| Min | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .01 | .20 | < .50 |
| Mean* | < .30 | .38 | .01 | < .10 | .06 | .10 | < .08 | .28 | < .02 | .04 | .58 | .49 |
| Std dev* | | .56 | .01 | | .03 | .01 | | .21 | | .04 | .51 | .40 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

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

ID# 1023
arb# 6000344
airs# 06 001 0007

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .50 | < .02 | .04 | .90 | .90 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | .80 | < .02 | .08 | 1.80 | 2.00 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .40 | < .02 | .03 | .70 | .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .70 | < .02 | .03 | 1.70 | 1.20 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .50 | < .02 | .02 | .90 | .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .20 | < .02 | .01 | .40 | .60 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .20 | < .02 | .01 | .40 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | .40 | < .02 | .03 | .70 | .60 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .50 | < .02 | .03 | 1.00 | .90 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .09 | .10 | < .08 | .40 | < .02 | .03 | .80 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .50 | < .02 | .04 | .90 | .60 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 11 Jun 00 | < .30 | 8.00 | < .02 | < .10 | .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .03 | .40 | 2.00 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 17 Jul 00 | < .30 | 1.50 | < .02 | < .10 | .08 | .10 | .28 | .10 | < .02 | .02 | .30 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .40 | < .02 | .03 | .70 | .60 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .30 | < .02 | .02 | .40 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .04 | .60 | .60 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .10 | < .02 | < .01 | .20 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | < .01 | .70 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .03 | .50 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .20 | < .02 | < .01 | .50 | < .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .40 | < .02 | .02 | .70 | .70 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | 1.10 | < .02 | .09 | 2.50 | 2.50 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | 1.20 | < .02 | .05 | 2.30 | 1.80 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .60 | < .02 | .04 | 1.00 | 2.10 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .22 | .10 | < .08 | 1.60 | < .02 | .19 | 2.90 | 2.80 |
| 20 Dec 00 | < .30 | .60 | < .02 | < .10 | .23 | .10 | < .08 | 2.00 | < .02 | .19 | 4.00 | 3.80 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|------|-------|-----|------|------|
| # OBS | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| # < LOD | 29 | 26 | 29 | 29 | 5 | 28 | 28 | 29 | 3 | 3 | 11 | 11 |
| Max | < .30 | 8.00 | < .02 | < .10 | .23 | .12 | .28 | 2.00 | < .02 | .19 | 4.00 | 3.80 |
| Min | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .01 | .20 | .50 |
| Mean* | < .30 | .57 | < .30 | < .10 | .07 | .10 | .05 | .49 | < .02 | .04 | .99 | .95 |
| Std dev* | | 1.45 | | | .05 | .01 | .04 | .46 | | .05 | .90 | .94 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Crockett - Kendall Ave (P)
End of Kendall Ave
Crockett, CA 94525

ID# 2017
arb# 0700437
airs# 06 013 1001

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-----|------------------|-------|-------|-------|-------|------|-------|
| 07 Jan 00 | < .30 | < .50 | < .02 | < .10 | .12 | .12 | < .08 | .70 | < .02 | .04 | 1.00 | .80 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .20 | < .02 | .04 | .30 | < .50 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .10 | .12 | < .08 | .20 | < .02 | .02 | .30 | < .50 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .09 | .12 | < .08 | .20 | < .02 | .02 | .20 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .30 | < .02 | .03 | .50 | .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .10 | .12 | < .08 | .20 | < .02 | .01 | .20 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .12 | .11 | < .08 | .10 | < .02 | .01 | .20 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .11 | .10 | < .08 | .20 | < .02 | .01 | .30 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .10 | .10 | < .08 | .20 | < .02 | .02 | .40 | .70 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .09 | .10 | < .08 | .10 | < .02 | .01 | .20 | .70 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .10 | .10 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .13 | .10 | < .08 | .20 | < .02 | .03 | .50 | .50 |
| 30 May 00 | < .30 | .50 | < .02 | < .10 | .14 | .11 | < .08 | < .10 | < .02 | .01 | .10 | < .50 |
| 11 Jun 00 | < .30 | .50 | < .02 | < .10 | .13 | .10 | < .08 | .10 | < .02 | .01 | .20 | 1.10 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .12 | .11 | < .08 | .10 | < .02 | .01 | .20 | 1.80 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .14 | .11 | < .08 | < .10 | < .02 | .01 | .10 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .15 | .11 | < .08 | < .10 | < .02 | .01 | .10 | < .50 |
| 29 Jul 00 | < .30 | .80 | < .02 | < .10 | .27 | .12 | < .08 | .10 | < .02 | .03 | .40 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .11 | .09 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .17 | .10 | < .08 | .10 | < .02 | .01 | .30 | 1.00 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .14 | .10 | < .08 | < .10 | < .02 | < .01 | .10 | .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .16 | .09 | < .08 | .20 | < .02 | .02 | .70 | 1.00 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .12 | .10 | < .08 | .10 | < .02 | < .01 | .10 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .11 | .10 | < .08 | .20 | < .02 | < .01 | .60 | .50 |
| 21 Oct 00 | < .30 | .60 | < .02 | < .10 | .12 | .11 | < .08 | .10 | < .02 | < .01 | .10 | < .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .12 | .12 | < .08 | .40 | < .02 | .03 | .80 | 1.20 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .20 | < .02 | .02 | .30 | 3.80 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .09 | .12 | < .08 | .30 | < .02 | .03 | .40 | 1.00 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .70 | < .02 | .07 | 1.10 | 1.10 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .10 | .12 | < .08 | .40 | < .02 | .04 | .60 | .50 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|-----|-------|-----|------|-------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 26 | 30 | 30 | 30 | 30 | 30 | 4 | 30 | 4 | 30 | 14 |
| Max | < .30 | .80 | < .02 | < .10 | .27 | .12 | < .08 | .70 | < .02 | .07 | 1.10 | 3.80 |
| Min | < .30 | < .50 | < .02 | < .10 | .07 | .09 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| Mean* | < .30 | .30 | < .30 | < .10 | .12 | .11 | < .08 | .20 | < .02 | .02 | .35 | .67 |
| Std dev* | | .13 | | | .04 | .01 | | .17 | | .01 | .27 | .71 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Concord - Treat Blvd (P)
2975 Treat Boulevard
Concord, CA 94518

ID# 2018
arb# 0700440
airs# 06 013 0002

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 07 Jan 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | 1.70 | < .02 | .11 | 3.30 | 1.70 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .60 | < .02 | .07 | 2.10 | .70 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .90 | < .02 | .07 | 3.20 | .60 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .11 | < .08 | .30 | < .02 | .02 | .50 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .80 | < .02 | .03 | 2.00 | .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .09 | .13 | < .08 | .40 | < .02 | .02 | 1.20 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .01 | .90 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .01 | .50 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .70 | < .02 | .04 | 1.20 | .80 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .50 | < .02 | .03 | .90 | < .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .01 | .50 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .30 | < .02 | .04 | 1.00 | < .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .50 | < .02 | .03 | 1.10 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .08 | .11 | < .08 | .20 | < .02 | .03 | .70 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .30 | < .02 | .03 | 1.30 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .02 | 2.20 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .02 | 1.50 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .20 | < .02 | .05 | 2.60 | .60 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .03 | 2.30 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .11 | < .08 | .30 | < .02 | .03 | 4.00 | .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | < .01 | 3.00 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .50 | < .02 | .02 | 3.10 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .12 | < .08 | .20 | < .02 | .03 | 3.00 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .30 | < .02 | .02 | 2.90 | < .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .30 | < .02 | .02 | 3.20 | .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | 1.10 | < .02 | .15 | 4.70 | 1.40 |
| 14 Nov 00 | < .30 | .50 | < .02 | < .10 | .07 | .11 | < .08 | .70 | < .02 | .03 | 3.30 | 1.10 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .80 | < .02 | .07 | 2.80 | .60 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .08 | .11 | < .08 | 1.60 | < .02 | .15 | 5.00 | 1.60 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | .10 | 1.50 | < .02 | .09 | 5.50 | 1.40 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-----|-------|------|-------|-----|------|-------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 29 | 30 | 30 | 5 | 30 | 29 | 30 | 30 | 1 | 30 | 17 |
| Max | < .30 | < .50 | < .02 | < .10 | .09 | .13 | .10 | 1.70 | < .02 | .15 | 5.50 | 1.70 |
| Min | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .01 | .50 | < .50 |
| Mean* | < .30 | .26 | < .30 | < .10 | .06 | .11 | .04 | .54 | < .02 | .04 | 2.32 | .54 |
| Std dev* | | .05 | | | .02 | .01 | .01 | .43 | | .04 | 1.39 | .45 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Richmond - 7th St (P)
1065- 7th Street
Richmond, CA 94801

ID# 2019
arb# 0700441
airs# 06 013 0006

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|-------|-------|
| 07 Jan 00 | < .30 | < .50 | < .02 | < .10 | .10 | .12 | < .08 | .90 | < .02 | .28 | 2.40 | 1.20 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .07 | .09 | .22 | .50 | < .02 | .09 | 2.30 | 1.30 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .90 | < .02 | .08 | 3.50 | .80 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .30 | < .02 | .02 | .60 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .40 | < .02 | .03 | 1.00 | .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .01 | .40 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .30 | < .02 | .02 | .80 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | .03 | 1.30 | .50 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .60 | < .02 | .03 | 2.90 | .70 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .01 | 1.50 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .52 | 1.00 | 1.10 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .30 | < .02 | .01 | 1.50 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .02 | .50 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .30 | < .02 | .01 | 1.00 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | .01 | .70 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | .01 | .80 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .01 | 2.30 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .30 | < .02 | .01 | 14.30 | .60 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .02 | .70 | .60 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .03 | .60 | .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .02 | 1.70 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .30 | < .02 | < .01 | 1.20 | < .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .02 | .50 | < .50 |
| 02 Nov 00 | < .30 | .50 | .07 | < .10 | .07 | .11 | < .08 | 1.10 | < .02 | .08 | 3.90 | 2.50 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | 1.10 | < .02 | .04 | 2.40 | 2.30 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .60 | < .02 | .07 | .90 | .90 |
| 08 Dec 00 | < .30 | < .50 | .07 | < .10 | .07 | .11 | < .08 | 1.40 | < .02 | .24 | 5.10 | 2.80 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .70 | < .02 | .07 | 1.30 | .70 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|------|-------|-----|-------|-------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 29 | 28 | 30 | 3 | | 29 | | 30 | 1 | | 15 |
| Max | < .30 | < .50 | .07 | < .10 | .10 | .12 | .22 | 1.40 | < .02 | .52 | 14.30 | 2.80 |
| Min | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| Mean* | < .30 | .26 | .01 | < .10 | .06 | .10 | .05 | .41 | < .02 | .06 | 1.92 | .69 |
| Std dev* | | .05 | .02 | | .02 | .01 | .03 | .35 | | .11 | 2.61 | .70 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Bethel Island (P)
5551 Bethel Island Road
Bethel Island, CA 94511

ID# 2021
arb# 0700442
airs# 06 013 1002

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|
| 07 Jan 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .50 | < .02 | .11 | .90 | .70 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .02 | .60 | .50 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .01 | .30 | < .50 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .01 | .20 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .20 | < .02 | .01 | .30 | .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .02 | .40 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .20 | < .02 | .02 | .30 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .20 | < .02 | .01 | .20 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .02 | .30 | .60 |
| 25 Apr 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .02 | .20 | < .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .02 | .40 | < .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .03 | < .10 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | < .10 | < .02 | .01 | .10 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .10 | < .02 | .05 | .20 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .02 | .30 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .02 | .20 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .02 | .30 | < .50 |
| 03 Sep 00 | < .30 | 1.10 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .04 | .10 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | < .10 | < .02 | < .01 | .10 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .03 | .30 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | < .01 | .20 | < .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .13 | < .08 | .10 | < .02 | < .01 | .10 | < .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .80 | < .02 | .02 | 1.40 | 1.30 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .50 | < .02 | < .01 | .80 | .60 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .02 | .30 | .60 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .19 | .11 | < .08 | 1.30 | < .02 | .20 | 3.30 | 2.60 |
| 20 Dec 00 | < .30 | .90 | < .02 | < .10 | .07 | .12 | < .08 | 1.00 | < .02 | .07 | 2.00 | 1.10 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-----|-------|------|-------|-----|------|------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 28 | 30 | 30 | 9 | 30 | 30 | 2 | 30 | 4 | 1 | 21 |
| Max | < .30 | 1.10 | < .02 | < .10 | .19 | .13 | < .08 | 1.30 | < .02 | .20 | 3.30 | 2.60 |
| Min | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | .01 | .10 | .50 |
| Mean* | < .30 | .30 | < .30 | < .10 | .05 | .11 | < .08 | .26 | < .02 | .03 | .49 | .46 |
| Std dev* | | .19 | | | .03 | .01 | | .29 | | .04 | .67 | .48 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Concord - Arnold (P)
2477 Arnold Industrial Way
Concord, CA 94520

ID# 2032
arb#
airs#

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-----|------------------|-------|------|-------|------|------|-------|
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .23 | .11 | < .08 | .30 | < .02 | .04 | .90 | .70 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .24 | .10 | < .08 | .40 | < .02 | .03 | .70 | .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .32 | .10 | < .08 | .30 | < .02 | .03 | .40 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | .20 | < .02 | .01 | .20 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .28 | .11 | < .08 | .40 | < .02 | .03 | .70 | .60 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .20 | .10 | < .08 | .40 | < .02 | .02 | .80 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .34 | .11 | < .08 | .40 | < .02 | .03 | .80 | 1.90 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .20 | .10 | < .08 | .10 | < .02 | .02 | .40 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .22 | .10 | < .08 | .20 | < .02 | .03 | .70 | .70 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .21 | .09 | < .08 | .10 | < .02 | .03 | .50 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .26 | .12 | < .08 | .40 | < .02 | .03 | 1.00 | .70 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .19 | .10 | < .08 | .30 | < .02 | .03 | .60 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .22 | .10 | < .08 | .20 | < .02 | .03 | .40 | .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .16 | .09 | < .08 | .20 | < .02 | .03 | .70 | .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .16 | .10 | < .08 | 1.10 | < .02 | .19 | 3.00 | .60 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .11 | .11 | < .08 | .70 | < .02 | .06 | 1.30 | < .50 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .50 | < .02 | .06 | .70 | < .50 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .08 | .11 | < .08 | .60 | < .02 | .10 | 1.40 | 1.10 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .21 | .12 | < .08 | 1.30 | < .02 | .16 | 2.60 | 1.40 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|------|-------|-----|------|------|
| # OBS | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| # < LOD | 19 | 19 | 19 | 19 | | | 19 | | 19 | | | 8 |
| Max | < .30 | < .50 | < .02 | < .10 | .34 | .12 | < .08 | 1.30 | < .02 | .19 | 3.00 | 1.90 |
| Min | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | .10 | < .02 | .01 | .20 | .50 |
| Mean* | < .30 | < .50 | < .30 | < .10 | .20 | .10 | < .08 | .43 | < .02 | .05 | .94 | .59 |
| Std dev* | | | | | .07 | .01 | | .32 | | .05 | .72 | .45 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: San Rafael (P)
534 4th Street
San Rafael, CA 94901

ID# 3005
arb# 2100451
airs# 06 041 0001

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 07 Jan 00 | < .30 | 1.20 | .16 | < .10 | .57 | .10 | < .08 | 1.40 | < .02 | .96 | 2.30 | 1.40 |
| 19 Jan 00 | < .30 | 1.30 | .05 | < .10 | .54 | .10 | < .08 | 1.10 | < .02 | .56 | 2.70 | 1.50 |
| 31 Jan 00 | < .30 | 1.90 | < .02 | < .10 | .44 | .10 | < .08 | .90 | < .02 | 3.20 | 2.40 | 1.10 |
| 12 Feb 00 | < .30 | .80 | < .02 | < .10 | .28 | .09 | < .08 | .90 | < .02 | .37 | 1.90 | .70 |
| 24 Feb 00 | < .30 | .80 | < .02 | < .10 | .28 | .10 | < .08 | 1.10 | < .02 | .60 | 2.60 | .80 |
| 12 Mar 00 | < .30 | < .50 | < .02 | < .10 | .47 | .09 | < .08 | .30 | < .02 | .05 | 1.20 | .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .42 | .10 | < .08 | .60 | < .02 | .03 | 1.10 | .50 |
| 04 Apr 00 | < .30 | < .50 | < .02 | < .10 | .54 | .10 | < .08 | .90 | < .02 | .07 | 1.40 | 1.10 |
| 12 Apr 00 | < .30 | 1.00 | .10 | < .10 | .39 | .09 | < .08 | .30 | < .02 | .16 | 1.40 | < .50 |
| 30 Apr 00 | < .30 | < .50 | < .02 | < .10 | .13 | .10 | < .08 | .40 | < .02 | .04 | .70 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .07 | .09 | < .08 | .40 | < .02 | .10 | .80 | < .50 |
| 20 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .40 | < .02 | .18 | .60 | < .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .30 | < .02 | .02 | .50 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .01 | .30 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .40 | < .02 | .31 | .70 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | .04 | .50 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .11 | .70 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | .14 | .60 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .05 | .50 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .10 | .09 | < .08 | .20 | < .02 | .34 | 1.10 | .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .11 | < .08 | .10 | < .02 | .02 | .40 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .40 | < .02 | .02 | .60 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .30 | < .02 | .11 | .80 | .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .19 | .90 | .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .40 | < .02 | < .01 | .60 | < .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .90 | < .02 | .25 | 2.80 | 1.00 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .70 | < .02 | .21 | 1.70 | .60 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .60 | < .02 | .03 | 1.00 | < .50 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | 1.10 | < .02 | .23 | 1.70 | 1.00 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | 1.60 | < .02 | .12 | 3.10 | 1.30 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|------|------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 24 | 27 | 30 | 11 | 30 | 30 | 30 | 30 | 1 | 30 | 15 |
| Max | < .30 | 1.90 | .16 | < .10 | .57 | .11 | < .08 | 1.60 | < .02 | 3.20 | 3.10 | 1.50 |
| Min | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | .01 | .30 | .50 |
| Mean* | < .30 | .43 | .02 | < .10 | .16 | .10 | < .08 | .57 | < .02 | .28 | 1.25 | .56 |
| Std dev* | | .41 | .03 | | .19 | .01 | | .40 | | .59 | .82 | .40 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Ft. Cronkhite Bldg 1049 (P)
NATIONL PRK SRVC
Sausalito, CA 94965

ID# 3007
arb# 2100454
airs# 06 041 0002

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|
| 07 Jan 00 | < .30 | .60 | < .02 | < .10 | .15 | .10 | < .08 | .90 | < .02 | .14 | 3.30 | 1.50 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .12 | .11 | < .08 | .30 | < .02 | .03 | .60 | .50 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .11 | .09 | < .08 | .20 | < .02 | .01 | .50 | < .50 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .80 | < .02 | .06 | 2.10 | .70 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .09 | .12 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .01 | .10 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .09 | .09 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | < .10 | < .02 | .01 | < .10 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .40 | < .02 | .02 | .90 | < .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | < .10 | < .02 | .01 | .10 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | .01 | .10 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | < .01 | .10 | < .50 |
| 01 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | < .10 | < .02 | < .01 | < .10 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | < .01 | .20 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | < .10 | < .02 | .01 | < .10 | < .50 |
| 06 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .10 | < .02 | .02 | .40 | .60 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | < .10 | < .02 | < .01 | < .10 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | < .01 | .20 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | < .10 | < .02 | < .01 | < .10 | < .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | < .10 | < .02 | < .01 | < .10 | < .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .20 | < .02 | .02 | .20 | < .50 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .20 | < .02 | .02 | .80 | .70 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .20 | < .02 | .03 | .20 | < .50 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .40 | < .02 | .05 | 1.60 | .80 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .30 | < .02 | .04 | .50 | < .50 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|-----|-------|-----|------|------|
| # OBS | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| # < LOD | 28 | 27 | 28 | 28 | 7 | 28 | 28 | 7 | 28 | 7 | 6 | 22 |
| Max | < .30 | .60 | < .02 | < .10 | .15 | .12 | < .08 | .90 | < .02 | .14 | 3.30 | 1.50 |
| Min | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .01 | .10 | .50 |
| Mean* | < .30 | .26 | < .30 | < .10 | .06 | .10 | < .08 | .19 | < .02 | .02 | .46 | .37 |
| Std dev* | | .07 | | | .03 | .01 | | .21 | | .03 | .74 | .28 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Napa - Jefferson St (P)
2552 Jefferson St
Napa, CA 94558

ID# 4001
arb# 2800783
airs# 06 055 0003

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 07 Jan 00 | < .30 | .50 | .07 | < .10 | .18 | .11 | < .08 | 2.10 | < .02 | .12 | 4.00 | 3.10 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .70 | < .02 | .06 | 1.90 | 2.00 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .70 | < .02 | .05 | 1.40 | 1.20 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .10 | .12 | < .08 | .50 | < .02 | .08 | 1.60 | .60 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .70 | < .02 | .05 | 1.50 | .80 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .60 | < .02 | .05 | 1.50 | 1.10 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .09 | < .08 | .40 | < .02 | .02 | .60 | .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .20 | < .02 | .02 | .30 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | .03 | .70 | .50 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .03 | .80 | .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .01 | .50 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .50 | < .02 | .03 | 1.10 | < .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .02 | .70 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .01 | .50 | < .50 |
| 24 Jun 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .03 | .40 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .01 | .40 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .01 | .40 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .30 | < .02 | .02 | .60 | .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .10 | < .02 | .02 | .40 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .40 | < .02 | .02 | .60 | < .50 |
| 06 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .12 | 1.20 | 1.00 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .02 | .60 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .30 | < .02 | .02 | .50 | .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .18 | .10 | < .08 | .60 | < .02 | < .01 | 1.00 | .60 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .30 | < .02 | .02 | 1.00 | 1.30 |
| 02 Nov 00 | < .30 | < .50 | .03 | < .10 | .07 | .09 | < .08 | 1.20 | < .02 | .11 | 3.20 | 2.30 |
| 15 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .90 | < .02 | .06 | 1.50 | 1.30 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | 1.00 | < .02 | .09 | 1.70 | 1.20 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | 1.10 | < .02 | .18 | 2.30 | 1.70 |
| 20 Dec 00 | < .30 | .60 | .03 | < .10 | .07 | .10 | < .08 | 1.50 | < .02 | .25 | 3.60 | 2.10 |

| | | | | | | | | | | | | |
|----------|-------|-----|-------|-------|-----|-----|-------|------|-------|-----|------|------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 28 | 27 | 30 | 6 | 30 | 30 | 30 | 30 | 1 | 30 | 11 |
| Max | < .30 | .60 | .07 | < .10 | .18 | .12 | < .08 | 2.10 | < .02 | .25 | 4.00 | 3.10 |
| Min | < .30 | .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .01 | .30 | .50 |
| Mean* | < .30 | .27 | .01 | < .10 | .07 | .10 | < .08 | .54 | < .02 | .05 | 1.22 | .85 |
| Std dev* | | .08 | .01 | | .04 | .01 | | .46 | | .06 | .97 | .75 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

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

ID# 5011
arb# 9000306
airs# 06 075 0005

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|-------|------|-------|
| 07 Jan 00 | < .30 | 1.80 | < .02 | < .10 | .11 | .12 | < .08 | 1.00 | < .02 | .12 | 2.50 | 1.60 |
| 19 Jan 00 | < .30 | .80 | < .02 | < .10 | .08 | .11 | < .08 | .80 | < .02 | .10 | 2.10 | 1.40 |
| 31 Jan 00 | < .30 | .60 | < .02 | < .10 | .06 | .10 | < .08 | .50 | < .02 | .10 | 1.50 | 1.20 |
| 12 Feb 00 | < .30 | .60 | < .02 | < .10 | .07 | .11 | < .08 | .30 | < .02 | .03 | .70 | < .50 |
| 24 Feb 00 | < .30 | .80 | < .02 | < .10 | .07 | .11 | < .08 | .60 | < .02 | .05 | 1.60 | .70 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .60 | < .02 | .05 | 1.90 | .70 |
| 19 Mar 00 | < .30 | 2.60 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .03 | .60 | .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .50 | < .02 | .04 | 1.00 | .50 |
| 12 Apr 00 | < .30 | .80 | < .02 | < .10 | .08 | .10 | < .08 | .80 | < .02 | .09 | 1.60 | .60 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .50 | < .02 | .06 | 1.40 | 1.00 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | .30 | < .02 | .03 | .60 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .40 | < .02 | .05 | 1.30 | 1.40 |
| 03 Jun 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .30 | < .02 | .02 | .60 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .20 | < .02 | .03 | .80 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .40 | < .02 | .06 | .70 | .80 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .20 | < .02 | .03 | .60 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | .03 | 1.50 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .08 | 1.00 | .90 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .20 | < .02 | .03 | .80 | .60 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .40 | < .02 | .05 | .80 | < .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | < .01 | .50 | .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .30 | < .02 | .06 | .90 | .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .20 | < .02 | .03 | .80 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .08 | .11 | < .08 | .40 | < .02 | .03 | .90 | .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .30 | < .02 | .05 | 1.00 | .70 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | 1.40 | < .02 | .21 | 3.90 | 2.20 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .09 | < .08 | .60 | < .02 | .07 | 2.30 | 1.60 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .11 | < .08 | .70 | < .02 | .07 | 1.30 | 1.10 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .90 | < .02 | .16 | 2.10 | 1.10 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | 2.50 | < .02 | .18 | 3.90 | 2.50 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-----|-------|------|-------|-------|------|-------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 23 | 30 | 30 | 5 | 30 | 30 | 30 | 30 | 1 | 30 | 8 |
| Max | < .30 | 2.60 | < .02 | < .10 | .11 | .12 | < .08 | 2.50 | < .02 | .21 | 3.90 | 2.50 |
| Min | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .20 | < .02 | < .01 | .50 | < .50 |
| Mean* | < .30 | .46 | < .30 | < .10 | .06 | .10 | < .08 | .54 | < .02 | .06 | 1.37 | .82 |
| Std dev* | | .52 | | | .02 | .01 | | .47 | | .05 | .88 | .59 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Redwood City (P)
897 Barron Avenue
Redwood City, CA 94063

ID# 6004
arb# 4100541
airs# 06 081 1001

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-----|------------------|-------|------|-------|------|------|-------|
| 07 Jan 00 | < .30 | 1.00 | .04 | < .10 | .11 | .10 | .31 | 1.20 | < .02 | .09 | 3.90 | 1.50 |
| 21 Jan 00 | < .30 | .60 | < .02 | < .10 | .08 | .09 | < .08 | 1.60 | < .02 | .14 | 4.60 | 3.10 |
| 31 Jan 00 | < .30 | .50 | .02 | < .10 | .08 | .11 | .11 | 1.40 | < .02 | .09 | 5.60 | 5.70 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .30 | < .02 | .02 | .70 | < .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | .52 | .60 | < .02 | .07 | 1.40 | .50 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | .09 | 1.10 | < .02 | .05 | 2.90 | 2.20 |
| 19 Mar 00 | < .30 | < .50 | .06 | < .10 | .07 | .10 | .27 | .20 | < .02 | .03 | 2.80 | .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .09 | < .08 | .60 | < .02 | .02 | 2.30 | .80 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .10 | .10 | .21 | .70 | < .02 | .06 | 2.10 | 1.70 |
| 06 May 00 | < .30 | < .50 | .05 | < .10 | .07 | .09 | .13 | .50 | < .02 | .03 | 7.20 | .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .11 | .10 | .14 | .70 | < .02 | .06 | 2.00 | 1.40 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .10 | .10 | .30 | .60 | < .02 | .03 | 1.40 | 1.10 |
| 11 Jun 00 | < .30 | < .50 | .07 | < .10 | .06 | .09 | .20 | .20 | < .02 | .03 | .90 | .60 |
| 23 Jun 00 | < .30 | < .50 | .05 | < .10 | .09 | .10 | < .08 | .20 | < .02 | .02 | 1.10 | .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | .08 | .30 | < .02 | .01 | .60 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | .32 | .10 | < .02 | .02 | .40 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .35 | .11 | < .08 | .40 | < .02 | .03 | .80 | 1.00 |
| 10 Aug 00 | < .30 | < .50 | .05 | < .10 | .62 | .09 | < .08 | .30 | < .02 | .04 | 1.10 | .90 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .17 | .10 | < .08 | .20 | < .02 | .05 | .90 | .80 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | .13 | .30 | < .02 | .02 | .70 | .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .14 | .12 | .25 | .50 | < .02 | .06 | 1.90 | 1.50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .07 | .08 | .09 | .50 | < .02 | .05 | 1.40 | .80 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .08 | .11 | .12 | .60 | < .02 | .06 | 3.20 | 1.20 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | .10 | .20 | < .02 | .02 | .40 | .50 |
| 02 Nov 00 | < .30 | .60 | < .02 | < .10 | .11 | .11 | .13 | .90 | < .02 | .05 | 5.30 | 1.90 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .08 | .16 | 1.20 | < .02 | .11 | 3.00 | 1.50 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .90 | < .02 | .09 | 1.90 | 1.40 |
| 08 Dec 00 | < .30 | .90 | .05 | < .10 | .10 | .10 | .33 | 1.60 | < .02 | .16 | 4.90 | 3.10 |
| 20 Dec 00 | < .30 | 1.30 | < .02 | < .10 | .13 | .11 | .75 | 2.20 | < .02 | .22 | 5.90 | 3.50 |

| | | | | | | | | | | | | |
|----------|-------|------|-------|-------|-----|-----|-------|------|-------|-----|------|-------|
| # OBS | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| # < LOD | 29 | 23 | 21 | 29 | | | 8 | | 29 | | | 3 |
| Max | < .30 | 1.30 | .07 | < .10 | .62 | .12 | .75 | 2.20 | < .02 | .22 | 7.20 | 5.70 |
| Min | < .30 | .50 | < .02 | < .10 | .05 | .08 | < .08 | .10 | < .02 | .01 | .40 | < .50 |
| Mean* | < .30 | .37 | .02 | < .10 | .11 | .10 | .17 | .69 | < .02 | .06 | 2.46 | 1.36 |
| Std dev* | | .27 | .02 | | .11 | .01 | .16 | .52 | | .05 | 1.89 | 1.21 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

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

ID# 7009
arb# 4300382
airs# 06 085 0004

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|------|------|-------|
| 07 Jan 00 | < .30 | .80 | < .02 | < .10 | .10 | .11 | < .08 | 2.60 | < .02 | .21 | 6.00 | 5.10 |
| 19 Jan 00 | < .30 | .80 | < .02 | < .10 | .11 | .11 | < .08 | 1.00 | < .02 | .17 | 3.40 | 2.40 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .70 | < .02 | .04 | 1.90 | 1.00 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .40 | < .02 | .03 | 1.10 | .60 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .07 | .09 | < .08 | .90 | < .02 | .08 | 2.00 | 1.10 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .60 | < .02 | .10 | 1.20 | .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .20 | < .02 | .02 | .80 | .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .40 | < .02 | .03 | .70 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .80 | < .02 | .07 | 1.30 | 1.20 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .13 | .09 | < .08 | 1.00 | < .02 | .08 | 2.10 | 1.70 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .30 | < .02 | .02 | .70 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .07 | .11 | < .08 | .40 | < .02 | .05 | 1.60 | .80 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .08 | .09 | < .08 | .50 | < .02 | .03 | .80 | .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .30 | < .02 | .02 | .50 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .03 | .80 | .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .40 | < .02 | .02 | .60 | .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .30 | < .02 | .01 | .50 | .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | .70 | < .02 | .05 | 1.70 | 1.00 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .10 | < .02 | .02 | .50 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .30 | < .02 | .08 | .80 | .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .07 | .12 | < .08 | .30 | < .02 | .06 | 1.30 | .90 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .20 | < .02 | .03 | .80 | .60 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | .20 | < .02 | .05 | 1.00 | .70 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .50 | < .02 | .05 | 1.20 | .80 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .50 | < .02 | .04 | .80 | .50 |
| 02 Nov 00 | < .30 | .60 | .03 | < .10 | .07 | .09 | < .08 | 1.50 | < .02 | .24 | 3.90 | 2.70 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .80 | < .02 | .20 | 1.90 | .80 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .09 | .11 | < .08 | 1.40 | < .02 | .11 | 3.20 | 3.00 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .09 | < .08 | 1.90 | < .02 | .31 | 4.60 | 3.50 |
| 20 Dec 00 | < .30 | 1.10 | < .02 | < .10 | .07 | .10 | < .08 | 3.10 | < .02 | .42 | 8.20 | 5.20 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-----|-----|-------|------|-------|-----|------|------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 26 | 29 | 30 | 2 | | 30 | | 30 | | | 4 |
| Max | < .30 | 1.10 | .03 | < .10 | .13 | .12 | < .08 | 3.10 | < .02 | .42 | 8.20 | 5.20 |
| Min | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .10 | < .02 | .01 | .50 | .50 |
| Mean* | < .30 | .33 | .01 | < .10 | .07 | .10 | < .08 | .75 | < .02 | .09 | 1.86 | 1.27 |
| Std dev* | | .21 | .00 | | .02 | .01 | | .71 | | .10 | 1.79 | 1.35 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

Station: Vallejo - Tuolumne St (P)
304 Tuolumne Street
Vallejo, CA 94590

ID# 8004
arb# 4800879
airs# 06 095 0004

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|-------|------------------|-------|------|-------|------|------|-------|
| 07 Jan 00 | < .30 | < .50 | < .02 | < .10 | .12 | .09 | < .08 | 1.60 | < .02 | .13 | 3.10 | 2.60 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .09 | .12 | < .08 | .40 | < .02 | .03 | .70 | .50 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .80 | < .02 | .04 | 1.40 | 1.10 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .12 | < .08 | .50 | < .02 | .02 | 1.00 | .50 |
| 24 Feb 00 | < .30 | 1.30 | < .02 | < .10 | .06 | .10 | < .08 | 1.00 | < .02 | .09 | 2.50 | 1.70 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .50 | < .02 | .08 | 1.20 | .50 |
| 19 Mar 00 | < .30 | .60 | < .02 | < .10 | .07 | .11 | < .08 | .20 | < .02 | .01 | .30 | .50 |
| 31 Mar 00 | < .30 | 2.90 | < .02 | < .10 | .06 | .09 | < .08 | .40 | < .02 | .05 | .70 | .60 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .50 | < .02 | .05 | .80 | .70 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .08 | .10 | < .08 | .80 | < .02 | .05 | 1.40 | 1.20 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .10 | < .08 | .20 | < .02 | .03 | .30 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .06 | .90 | .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .30 | < .02 | .07 | .40 | < .50 |
| 11 Jun 00 | < .30 | 1.60 | < .02 | < .10 | .06 | .10 | < .08 | .30 | < .02 | .02 | .50 | < .50 |
| 24 Jun 00 | < .30 | .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .04 | .20 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | .07 | .10 | < .08 | .20 | < .02 | .10 | .40 | < .50 |
| 17 Jul 00 | < .30 | 1.10 | < .02 | < .10 | .07 | .11 | < .08 | .40 | < .02 | .03 | .60 | .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .05 | .09 | < .08 | .30 | < .02 | .03 | .40 | < .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | .04 | .30 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .10 | < .02 | .05 | .30 | < .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .05 | .11 | < .08 | .10 | < .02 | .02 | .40 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .20 | < .02 | .05 | .40 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .08 | .12 | < .08 | .20 | < .02 | .15 | .60 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .10 | < .02 | .03 | .50 | < .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .10 | < .08 | .40 | < .02 | .02 | .60 | < .50 |
| 02 Nov 00 | < .30 | 3.20 | < .02 | < .10 | .09 | .11 | < .08 | 1.20 | < .02 | .12 | 2.60 | 2.10 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .80 | < .02 | .09 | 1.70 | 1.00 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | .06 | .12 | < .08 | .50 | < .02 | .03 | .80 | .70 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .10 | < .08 | .90 | < .02 | .11 | 1.80 | 1.90 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | .06 | .11 | < .08 | .80 | < .02 | .04 | 1.60 | 1.10 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-----|-------|------|-------|-----|------|------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 23 | 30 | 30 | 6 | | 30 | | 30 | | | 13 |
| Max | < .30 | 3.20 | < .02 | < .10 | .12 | .12 | < .08 | 1.60 | < .02 | .15 | 3.10 | 2.60 |
| Min | < .30 | < .50 | < .02 | < .10 | < .05 | .09 | < .08 | .10 | < .02 | .01 | .20 | .50 |
| Mean* | < .30 | .56 | < .30 | < .10 | .06 | .10 | < .08 | .47 | < .02 | .06 | .95 | .70 |
| Std dev* | | .76 | | | .02 | .01 | | .37 | | .04 | .76 | .63 |

* includes Obs < LOD as 1/2 LOD

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
TOXIC AIR CONTAMINANTS
2000 ANNUAL REPORT
DECEMBER 2001**

**Ambient Air Toxics Data – Gases (ppb)
Date Range: Jan 1, 2000 – Dec 31, 2000**

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

ID# 9004
arb# 4900893
airs# 06 097 0003

| Date | VC | DCM | CHC1 ₃ | EDC | TCA | CC1 ₄ | TCE | BENZ | EDB | PERC | TOL | MTBE |
|-----------|-------|-------|-------------------|-------|------|------------------|-------|------|-------|-------|------|-------|
| 07 Jan 00 | < .30 | < .50 | < .02 | < .10 | .14 | .11 | < .08 | .80 | < .02 | .09 | 2.00 | .80 |
| 19 Jan 00 | < .30 | < .50 | < .02 | < .10 | .33 | .11 | < .08 | .60 | < .02 | .04 | 1.60 | 1.10 |
| 31 Jan 00 | < .30 | < .50 | < .02 | < .10 | .26 | .10 | < .08 | .50 | < .02 | .04 | .90 | .60 |
| 12 Feb 00 | < .30 | < .50 | < .02 | < .10 | .21 | .10 | < .08 | .50 | < .02 | .01 | .90 | .50 |
| 24 Feb 00 | < .30 | < .50 | < .02 | < .10 | .24 | .10 | < .08 | 1.00 | < .02 | .04 | 1.60 | .60 |
| 07 Mar 00 | < .30 | < .50 | < .02 | < .10 | .14 | .10 | < .08 | .40 | < .02 | .02 | .60 | < .50 |
| 19 Mar 00 | < .30 | < .50 | < .02 | < .10 | .21 | .11 | < .08 | .10 | < .02 | .01 | .20 | < .50 |
| 31 Mar 00 | < .30 | < .50 | < .02 | < .10 | .22 | .09 | < .08 | .30 | < .02 | .01 | .50 | < .50 |
| 12 Apr 00 | < .30 | < .50 | < .02 | < .10 | .41 | .10 | < .08 | .60 | < .02 | .02 | .90 | .70 |
| 24 Apr 00 | < .30 | < .50 | < .02 | < .10 | .20 | .10 | < .08 | .30 | < .02 | .03 | .80 | < .50 |
| 06 May 00 | < .30 | < .50 | < .02 | < .10 | .30 | .10 | < .08 | .20 | < .02 | .01 | .50 | < .50 |
| 18 May 00 | < .30 | < .50 | < .02 | < .10 | .32 | .11 | < .08 | .30 | < .02 | .03 | .80 | .50 |
| 30 May 00 | < .30 | < .50 | < .02 | < .10 | .25 | .10 | < .08 | .10 | < .02 | .01 | .20 | < .50 |
| 11 Jun 00 | < .30 | < .50 | < .02 | < .10 | .39 | .11 | < .08 | .30 | < .02 | .02 | .40 | < .50 |
| 23 Jun 00 | < .30 | < .50 | < .02 | < .10 | .22 | .09 | < .08 | .20 | < .02 | .01 | .40 | < .50 |
| 05 Jul 00 | < .30 | < .50 | < .02 | < .10 | 1.27 | .12 | < .08 | .10 | < .02 | .01 | .40 | < .50 |
| 17 Jul 00 | < .30 | < .50 | < .02 | < .10 | .34 | .11 | < .08 | .10 | < .02 | .01 | .30 | < .50 |
| 29 Jul 00 | < .30 | < .50 | < .02 | < .10 | .25 | .10 | < .08 | .20 | < .02 | .01 | .70 | .50 |
| 10 Aug 00 | < .30 | < .50 | < .02 | < .10 | .21 | .09 | < .08 | .30 | < .02 | .01 | .50 | < .50 |
| 22 Aug 00 | < .30 | < .50 | < .02 | < .10 | 1.78 | .11 | < .08 | .20 | < .02 | .03 | .40 | < .50 |
| 03 Sep 00 | < .30 | < .50 | < .02 | < .10 | .26 | .11 | < .08 | .20 | < .02 | < .01 | .40 | < .50 |
| 15 Sep 00 | < .30 | < .50 | < .02 | < .10 | .26 | .09 | < .08 | .10 | < .02 | .02 | .70 | < .50 |
| 27 Sep 00 | < .30 | < .50 | < .02 | < .10 | .32 | .10 | < .08 | .30 | < .02 | .02 | .50 | < .50 |
| 09 Oct 00 | < .30 | < .50 | < .02 | < .10 | 4.42 | .10 | < .08 | .20 | < .02 | .03 | .80 | .50 |
| 21 Oct 00 | < .30 | < .50 | < .02 | < .10 | .25 | .11 | < .08 | .20 | < .02 | < .01 | .50 | .50 |
| 02 Nov 00 | < .30 | < .50 | < .02 | < .10 | .21 | .10 | < .08 | 1.00 | < .02 | .05 | 2.10 | 1.10 |
| 14 Nov 00 | < .30 | < .50 | < .02 | < .10 | .13 | .09 | < .08 | .90 | < .02 | .04 | 1.40 | .50 |
| 26 Nov 00 | < .30 | < .50 | < .02 | < .10 | 1.00 | .11 | < .08 | 1.00 | < .02 | .05 | 1.70 | .60 |
| 08 Dec 00 | < .30 | < .50 | < .02 | < .10 | .19 | .09 | < .08 | 1.10 | < .02 | .08 | 2.20 | 1.10 |
| 20 Dec 00 | < .30 | < .50 | < .02 | < .10 | 2.28 | .11 | < .08 | 1.90 | < .02 | .13 | 4.20 | 1.10 |

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|------|-----|-------|------|-------|-----|------|------|
| # OBS | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| # < LOD | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 2 | 30 | 15 |
| Max | < .30 | < .50 | < .02 | < .10 | 4.42 | .12 | < .08 | 1.90 | < .02 | .13 | 4.20 | 1.10 |
| Min | < .30 | < .50 | < .02 | < .10 | .13 | .09 | < .08 | .10 | < .02 | .01 | .20 | .50 |
| Mean* | < .30 | < .50 | < .30 | < .10 | .57 | .10 | < .08 | .47 | < .02 | .03 | .97 | .48 |
| Std dev* | | | | | .88 | .01 | | .41 | | .03 | .84 | .30 |

* includes Obs < LOD as 1/2 LOD