

Table 16A. Quality-control analytical cartridge travel blank results for volatile organic compounds with low breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 32414117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 1.5 liters. Many samples were frozen at laboratory and analyzed on the same day. Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. °C, degrees Celsius; mm/dd/yyyy, month/day/year; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

| Sampling date (mm/dd/yyyy) | Blank analysis date (mm/dd/yyyy) | Pressure (torr) | Temperature (°C) | Dichloro-difluoro-methane (CFC-12) | Chloro-methane | Chloro-ethene (vinyl chloride) | Bromo-methane | Chloro-ethane | Bromo-ethene (vinyl bromide) | 1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113) |
|----------------------------|----------------------------------|-----------------|------------------|------------------------------------|----------------|--------------------------------|---------------|---------------|------------------------------|---|
| 10/02/1999 | 10/07/1999 | 751 | 15.6 | — | — | — | — | — | — | — |
| 10/13/1999 | 10/21/1999 | 751 | 16.8 | E0.025 | — | — | — | — | — | — |
| 10/26/1999 | 10/28/1999 | 756 | 20.1 | E0.007 | — | — | — | — | — | — |
| 11/07/1999 | 11/15/1999 | 757 | 16.7 | E0.006 | — | — | — | — | — | — |
| 11/19/1999 | 11/29/1999 | 759 | 13.1 | E0.012 | — | — | — | — | — | — |
| 12/13/1999 | 12/16/1999 | 758 | 10.4 | E0.007 | — | — | — | — | — | — |
| 12/25/1999 | 01/13/2000 | 759 | 14.9 | E0.026 | E0.046 | — | — | — | — | — |
| 01/06/2000 | 01/13/2000 | 760 | 11.7 | E0.007 | E0.101 | — | — | — | — | — |
| 01/18/2000 | 01/24/2000 | 756 | 18.8 | E0.028 | — | — | 0.541 | — | — | — |
| 01/30/2000 | 02/03/2000 | 758 | 13.3 | — | — | — | — | — | — | — |
| 02/11/2000 | 02/17/2000 | 757 | 13.4 | E0.007 | E0.084 | — | — | — | — | — |
| 03/18/2000 | 03/23/2000 | 756 | 16.8 | E0.002 | — | — | — | — | — | — |
| 04/11/2000 | 04/25/2000 | 755 | 16.9 | — | — | — | — | — | — | — |
| 04/23/2000 | 04/25/2000 | 755 | 15.8 | E0.002 | — | — | — | — | — | — |
| 05/05/2000 | 05/18/2000 | 752 | 17.2 | — | E0.161 | — | — | — | — | — |
| 05/17/2000 | 05/18/2000 | 754 | 15.7 | — | — | — | — | — | — | — |
| 05/29/2000 | 06/12/2000 | 751 | 16.6 | — | — | — | — | — | — | — |
| 06/10/2000 | 06/12/2000 | 752 | 15.5 | — | — | — | — | — | — | — |
| 06/29/2000 | 07/17/2000 | 752 | 18.2 | E0.029 | 0.465 | — | — | — | — | E0.001 |
| 07/11/2000 | 07/17/2000 | 755 | 15.8 | E0.009 | — | — | — | — | — | — |
| 07/23/2000 | 08/07/2000 | 755 | 18.6 | — | — | — | — | — | — | — |
| 08/04/2000 | 08/07/2000 | 753 | 19.8 | E0.002 | — | — | — | — | — | — |
| 08/16/2000 | 09/19/2000 | 753 | 24.3 | E0.111 | — | — | — | — | — | — |
| 08/28/2000 | 09/19/2000 | 752 | 20.0 | E0.045 | — | — | — | — | — | — |

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| Sampling date (mm/dd/yyyy) | Blank analysis date (mm/dd/yyyy) | Pressure (torr) | Temperature (°C) | Dichloro-difluoro-methane (CFC-12) | Chloro-methane | Chloro-ethene (vinyl chloride) | Bromo-methane | Chloro-ethane | Bromo-ethene (vinyl bromide) | 1,1,2-Trichloro-1,2,2-trifluoro-ethane (CFC-113) |
|----------------------------|----------------------------------|-----------------|------------------|------------------------------------|----------------|--------------------------------|---------------|---------------|------------------------------|--|
| 09/09/2000 | 09/19/2000 | 749 | 19.1 | E0.036 | — | — | — | — | — | — |
| 09/21/2000 | 10/12/2000 | 748 | 19.5 | E0.003 | — | — | — | — | — | — |
| 10/03/2000 | 10/12/2000 | 752 | 19.6 | E0.017 | — | — | — | — | — | — |
| 11/08/2000 | 11/16/2000 | 754 | 13.6 | — | — | — | — | — | — | — |
| 11/20/2000 | 12/07/2000 | 755 | 16.2 | — | — | — | — | — | — | — |
| 12/02/2000 | 12/07/2000 | 755 | 12.1 | — | — | — | — | — | — | — |
| 12/14/2000 | 12/20/2000 | 761 | 11.8 | E0.010 | E0.125 | — | — | — | — | — |
| 12/26/2000 | 01/12/2001 | 758 | 12.9 | E0.034 | E0.031 | — | — | — | — | — |
| 01/07/2001 | 01/12/2001 | 754 | 13.3 | NA | NA | NA | NA | NA | NA | NA |
| 01/19/2001 | 02/06/2001 | 759 | 11.0 | E0.010 | — | — | — | — | — | — |
| 01/31/2001 | 02/06/2001 | 758 | 10.7 | E0.014 | 0.517 | — | — | — | — | — |
| 02/12/2001 | 03/05/2001 | 752 | 12.2 | E0.007 | — | — | — | — | — | — |
| 02/24/2001 | 03/05/2001 | 755 | 9.6 | E0.014 | — | — | — | — | — | — |
| 03/08/2001 | 03/26/2001 | 758 | 12.6 | E0.047 | E0.091 | — | — | — | — | E0.004 |
| 03/20/2001 | 03/26/2001 | 754 | 17.1 | NA | NA | NA | NA | NA | NA | NA |
| 04/01/2001 | 04/24/2001 | 752 | 14.5 | E0.064 | E0.183 | — | E0.051 | — | — | — |
| 04/13/2001 | 04/24/2001 | 756 | 14.4 | E0.026 | E0.100 | — | — | — | — | — |
| 04/25/2001 | 05/10/2001 | 753 | 17.3 | E0.006 | — | — | — | — | — | — |
| 05/07/2001 | 05/10/2001 | 754 | 18.5 | E0.009 | — | — | — | — | — | — |
| 05/19/2001 | 06/07/2001 | 753 | 16.8 | E0.009 | — | — | — | — | — | — |
| 05/31/2001 | 06/07/2001 | 752 | 16.9 | E0.014 | — | — | — | — | — | — |
| 06/12/2001 | 06/28/2001 | 751 | 16.6 | E0.010 | — | — | — | — | — | — |
| 06/24/2001 | 06/28/2001 | 754 | 16.9 | E0.008 | — | — | — | — | — | — |

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|-------------------------------|-------------------------------------|-----------------|------------------|------------------------------------|----------------|--------------------------------|---------------|---------------|------------------------------|---|
| 07/05/2001 | 07/24/2001 | 753 | 19.6 | — | — | — | — | — | — | — |
| 07/16/2001 | 08/09/2001 | 753 | 17.5 | E0.007 | — | — | — | — | — | — |
| 08/08/2001 | 08/21/2001 | 753 | 17.7 | E0.015 | — | — | — | — | — | — |
| 08/23/2001 | 09/12/2001 | 753 | 20.4 | E0.013 | — | — | — | — | — | — |
| 09/16/2001 | 10/10/2001 | 752 | 20.0 | E0.004 | — | — | — | — | — | — |
| 09/28/2001 | 10/10/2001 | 749 | 19.0 | E0.010 | — | — | — | — | — | — |