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Water- and Air-Quality Monitoring of the Sweetwater Reservoir Watershed, San Diego County, California—Phase One Results, Continued, 1999–2001

Data Series 233

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

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U.S. Department of the Interior
U.S. Geological Survey

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Conversion Factors

Multiply	By	To obtain
acre-foot (acre-ft)	1,233	cubic meter (m^3)
acre-foot (acre-ft)	0.001233	cubic hectometer (hm^3)
centimeter (cm)	0.3937	inch (in.)
gram (g)	0.03527	ounce, avoirdupois (oz)
hectometer, cubic (hm^3)	810.7	acre-foot (acre-ft)
kilogram (kg)	2.205	pound, avoirudupois (lb)
kilometer (km)	0.6214	mile (mi)
liter (L)	33.82	ounce, fluid (oz)
meter (m)	3.281	foot (ft)
millimeter (mm)	0.03937	inch (in.)

Notes

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$°F = (1.8 \times °C) + 32$$

Temperature in degrees Fahrenheit (°F) may be converted to degrees Celsius (°C) as follows:

$$°C = (°F - 32)/1.8$$

Vertical coordinate information is referenced to the North American Vertical Datum of 1988 (NAVD 88).

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83).

Altitude, as used in this report, refers to distance above the vertical datum.

Specific conductance is given in microsiemens per centimeter at 25 degrees Celsius (µS/cm at 25°C).

Concentrations of chemical constituents in water are given either in milligrams per liter (mg/L) or micrograms per liter (µg/L).

Abbreviations, Acronyms, and Initialisms

(Note: Clarification or additional information is provided in parentheses)

acre-ft, acre-foot

cm, centimeter

g, gram

gm^{-3}, gram per cubic meter

km, kilometer

km^2, square kilometer

L, liter

m, meter

m^3, cubic meter

mg, milligram

min, minute

mm, millimeter

µg, microgram

µS/cm, microsiemens per centimeter

CARB, California Air Resources Board

GC/MS, gas chromatography/mass spectrometry

GFF, glass fiber filter

LFDD, low-flow diversion dam

LLR, Loveland Reservoir

MCL, maximum contaminant level

MDL, method detection limit

MRDP, Methods Research and Development Program

NAWQA, National Water Quality Assessment (USGS)

NPDES, National Pollutant Discharge Elimination System

NWQL, National Water Quality Laboratory (USGS)

PAH, polynuclear aromatic hydrocarbons

PCB, polychlorinated biphenyls

PUF, polyurethane foam

SDF, San Diego Formation

SPMD, semipermeable membrane device

SR, state route

SWR, Sweetwater Reservoir

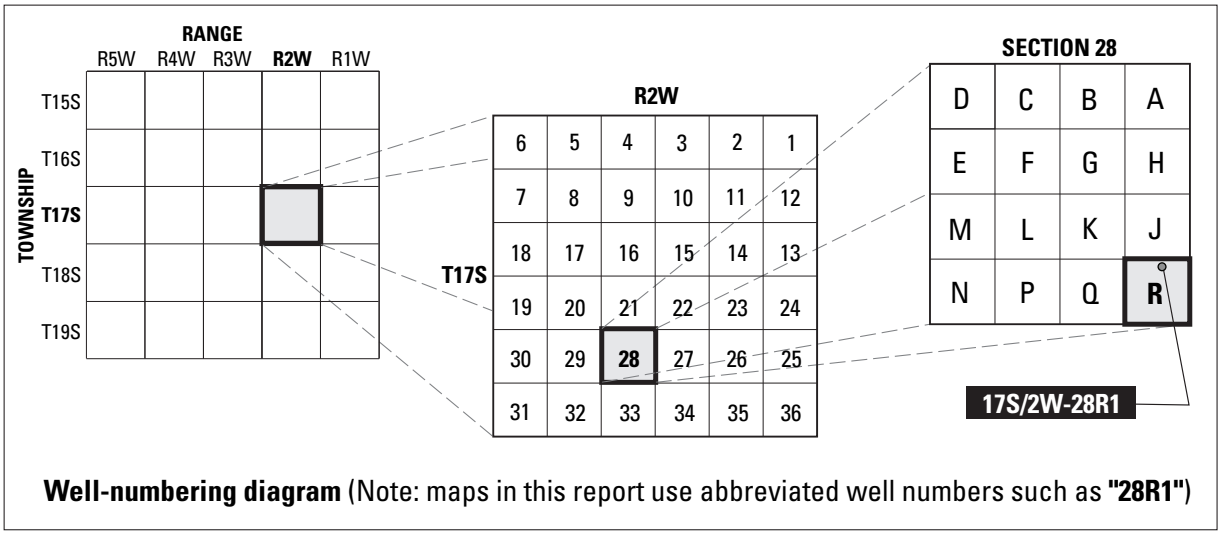
URDS, Urban Runoff Diversion System

USGS, U.S. Geological Survey

VOC, volatile organic compound

Well-Numbering System

Wells are identified and numbered according to their location in the rectangular system for the subdivision of public lands. Identification consists of the township number, north or south; the range number, east or west; and the section number. Each section is divided into sixteen 40-acre tracts lettered consecutively (except I and O), beginning with "A" in the northeast corner of the section and progressing in a sinusoidal manner to "R" in the southeast corner. Within the 40-acre tract, wells are sequentially numbered in the order they are inventoried. The final letter refers to the base line and meridian. In California, there are three base lines and meridians; Humboldt (H), Mount Diablo (M), and San Bernardino (S). All wells in the study area are referenced to the San Bernardino base line and meridian (S). Well numbers consist of 15 characters and follow the format 017S002W-028R001. In this report, well numbers are abbreviated and written 17S/2W-28R1. Wells in the same township and range are referred to only by their section designation, 28R1. The following diagram shows how the number for well 17S/2W-28R1 is derived.



Well-numbering diagram (Note: maps in this report use abbreviated well numbers such as **"28R1"**)

Water- and Air-Quality Monitoring of the Sweetwater Reservoir Watershed, San Diego County, California—Phase One Results, Continued, 1999–2001

By Gregory O. Mendez, William T. Foreman, Jagdeep S. Sidhu, and Michael S. Majewski

Abstract

In 1998, the U.S. Geological Survey, in cooperation with the Sweetwater Authority, began a study to assess the overall health of the Sweetwater watershed with respect to chemical contamination. The study included regular sampling of air and water at Sweetwater Reservoir for chemical contaminants, including volatile organic compounds, polycyclic aromatic hydrocarbons, pesticides, and major and trace elements. Background water samples were collected at Loveland Reservoir for volatile organic compounds and pesticides.

The purpose of this study was to monitor changes in contaminant composition and concentration in the air and water resulting from the construction and operation of State Route 125 near Sweetwater Reservoir. To accomplish this, the study was divided into two phases. Phase One sampling was designed to establish baseline conditions for target compounds in terms of detection frequency and concentration in air and water. Phase Two sampling is planned to continue at the established monitoring sites during and after construction of State Route 125 to assess the chemical impact this roadway alignment project may have on the water quality in the reservoir. In addition to the ongoing data collection, several special studies were initiated to assess the occurrence of specific chemicals of concern, such as low-use pesticides, trace metals, and wastewater compounds.

This report describes the study design, and the sampling and analytical methods, and presents the results for the second and third years of the study (October 1999 to September 2001). Data collected during the first year of sampling (October 1998 to September 1999) were published in 2002.

Introduction

The Sweetwater Authority (hereinafter referred to as the "Authority"), under the guidance of its Board of Directors, operates a public drinking-water supply system for over 175,000 residential and commercial customers in Chula Vista, National City, and Bonita, California. The Sweetwater Reservoir (SWR) (fig. 1), which has a storage capacity of 34.6 hm^3, is located about 15 km southeast of San Diego, California. The Authority also stores water at Loveland Reservoir (LLR) (fig. 1), which has a storage capacity of 31.3 hm^3 and is located about 30 km east of SWR near Alpine, California. In addition to the two reservoirs, the Authority operates two deep wells in National City and several alluvial wells near the Sweetwater River in Chula Vista. The Reynolds Desalination Facility, formerly known as the Demineralization Facility, in Chula Vista, treats brackish ground water from the wells along the Sweetwater River. Approximately 70 percent of the water the Authority provides comes from local supplies that include the Sweetwater River and ground water. The remaining water is imported from the Colorado River and northern California sources through pipelines and aqueducts. Both local reservoir and imported waters are treated at the Robert A. Perdue treatment plant located at the SWR.

The Sweetwater River watershed covers 466 km^2 (fig. 1). Although much of the land is undeveloped, the watershed includes the Sycuan and Viejas Indian Reservations, part of the Cleveland National Forest, agricultural land, rural residential acreage, urban and suburban residential development, mining and industrial land use, commercial recreation, and commercial business development. The watershed currently includes three 18-hole golf courses. During the data-collection period described (water years 2000 and 2001), no recreational activities were allowed at the SWR. Shore fishing is allowed at Loveland Reservoir in a restricted area at the east end of the reservoir. The Authority maintains a motorized boat at each reservoir for routine water-quality sampling and regular shore patrols.

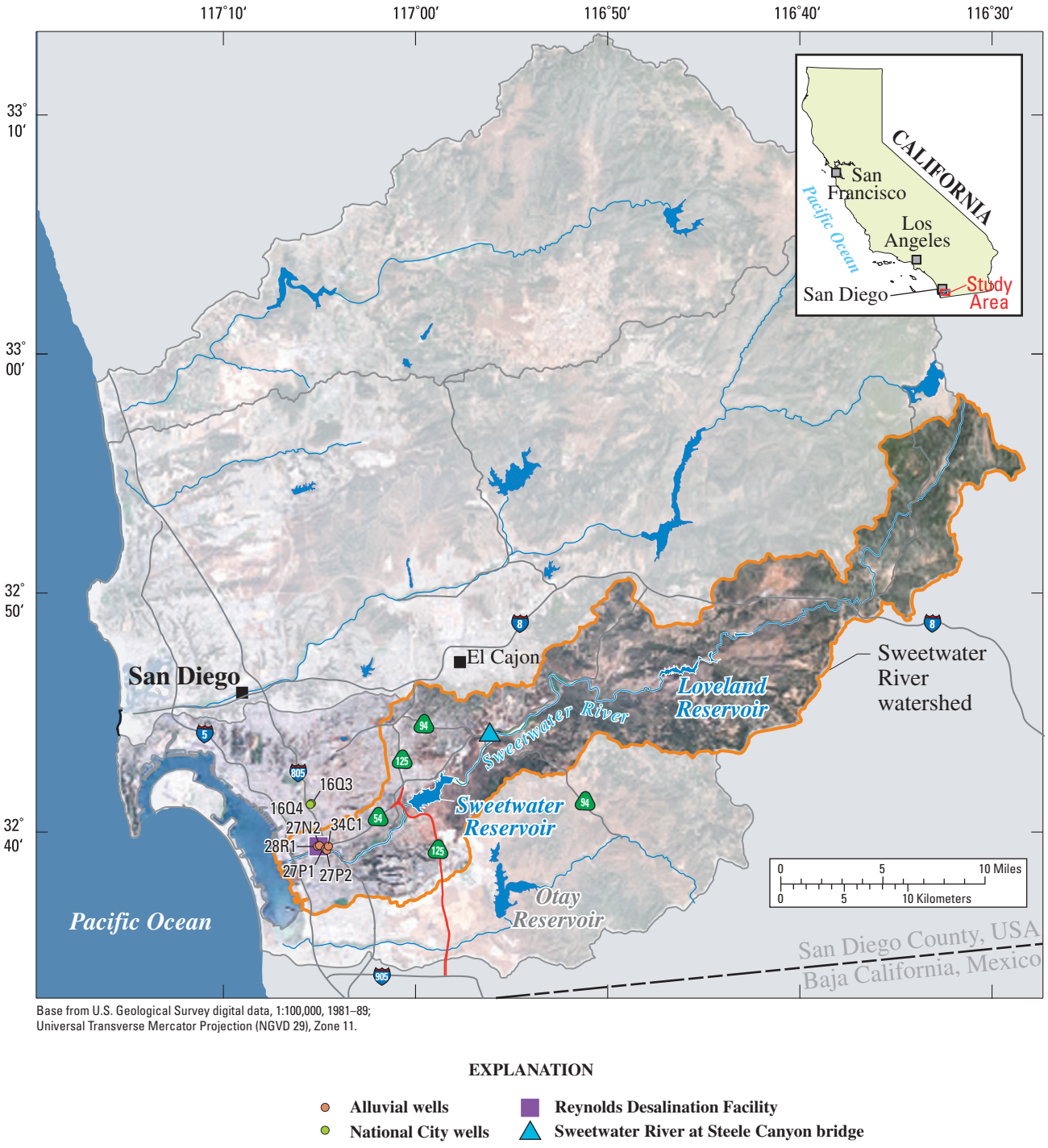


Figure 1. Location of the study area, Sweetwater River watershed, the Sweetwater and Loveland Reservoirs, the Reynolds Desalination Plant, and selected wells.

The impact of local inputs of anthropogenic compounds, such as organic chemicals and pesticides, on the watershed and reservoir water quality is largely unknown. The Authority is concerned about the impact that increasing growth and development in the Sweetwater River watershed will have on the quality of their drinking-water supply and has initiated a variety of efforts to protect the watershed. These efforts include source assessments, total-organic-carbon assessments, watershed stakeholders' outreach program to identify issues, and the construction and operation of an urban-runoff diversion system. These programs help the Authority evaluate and manage the overall environmental health of the watershed by monitoring changes that can degrade the quality of the water supply and necessitate additional water treatment as the population increases and land use intensifies. Responding to these concerns, in 1998, the Authority initiated a monitoring study in cooperation with the U.S. Geological Survey (USGS).

In addition to the increasing urbanization pressures within the watershed, another Authority concern and the primary reason for this study, is the construction and operation of State Route (SR) 125. In 1984, the San Diego Association of Governments added SR 125 to the Regional Transportation Plan as part of San Diego's future highway system. The SR 125 project (fig. 1) consists of approximately 18 km of roadway construction and alignment that extends from SR 54 (northern terminus) to Interstate 905 (southern terminus). The project plans call for the initial construction of a four-lane toll way that may be expanded to include additional lanes for dedicated transit purposes such as high occupancy vehicles or light-rail (California Department of Transportation, 2001). More than 200,000 vehicles per day, including more than 10 percent of heavy diesel trucks from both the United States and Mexico, are expected to travel SR 125. The alignment will be elevated about 30 m above land surface at its highest point, and the most likely construction scenario will bring SR 125 within about 150 m of the reservoir at its nearest point. Construction of SR 125 was scheduled to begin in 2005 and is expected to be completed in 2007. Because the SWR is downwind of all proposed alignments, the Authority became concerned that toxic vehicle emissions and pesticides used on the roadside, as well as paved-road dusts, might enter the reservoir by atmospheric deposition in concentrations that could affect public health and have an impact on the cost of treating the drinking-water supply.

In 1996, the Authority commissioned a study (Ogden Environmental and Energy Services, 1997) to model the atmospheric depositional loading to the SWR. The model included a variety of toxic compounds from vehicular fuel combustion emissions and any attendant health risks associated with all SR 125 alignment scenarios. The predicted concentrations of selected contaminants were compared with the standards set by the California Safe Drinking Water Act (California Environmental Protection Agency, 1986) and with California and federal maximum contaminant levels (MCL). The model results indicated that drinking-water guidance levels for one or more contaminants would be exceeded in all three alternative freeway construction options. This study was repeated reaching similar conclusions (Byard and Giroux, 1999). Both the Authority and U.S. Environmental Protection Agency Region IX concluded that the findings in the Ogden and the Byard and Giroux reports warranted the implementation of a monitoring program to characterize the impact that atmospheric deposition of vehicular emissions from the operation of SR 125 may have on the quality of the drinking water stored in the SWR.

Purpose and Scope

The purpose of this report is to describe the data that were collected from October 1999 to September 2001 (water years 2000 and 2001), prior to the start of construction of SR 125. This report is the second in a series that describes the monitoring activities and presents the data that will be used to assess the potential impact on water quality in the Sweetwater Reservoir resulting from land-use changes and development in the watershed. Data collected during the first year of sampling (October 1998 to September 1999) were published in Majewski and others (2002). A full interpretation and assessment of the data will be completed at the end of the monitoring study.

The scope of the USGS study is to compare analytical results of samples from three environmental media—air, water, and bed sediment—to determine whether any measured changes in reservoir water quality are the result of atmospheric deposition from the construction and operation of SR 125. Because new chemical contaminants of concern are identified regularly, this project has worked closely with the Methods Research and Development Program (MRDP) group at USGS National Water Quality Laboratory (NWQL) to help bring online new analytical methods for chemicals of concern, such as endocrine disrupting compounds, pharmaceuticals, wastewater indicator compounds, and the ever increasing number of pesticides being used. The MRDP at NWQL continually develops new analytical methods for the various classes of emerging chemical contaminants.

Study Design

The study consists of two phases: Phase One sampling started in October 1998 and will continue until construction starts for SR 125, when Phase Two sampling will begin. The objectives of Phase One are to determine the occurrence and concentration of selected organic and inorganic compounds in water, air, and bed sediments and to establish baseline conditions for the target analytes before construction of SR 125 begins. The objectives of Phase Two are to continue monitoring for the same chemical constituents, to compare the analytical results with those from Phase One, and to assess the impact of SR 125 on water quality in the SWR. Two types of studies were done: a study using primary samples to determine a common set of compounds and special studies to assess the occurrence of specific chemicals of concern.

Primary Sampling

Each of the environmental media (water, air, and sediment) in the Sweetwater watershed is being sampled and analyzed for those compounds expected to accumulate in them. The media and compounds that will be sampled throughout the study, the core (primary) data, include the following:

- Surface water—volatile organic compounds (VOC) and pesticides;
- Air—VOCs, polycyclic aromatic hydrocarbons (PAH), and pesticides;
- Bed sediments—PAHs, total polychlorinated biphenyls (PCB), pesticides, and major and trace metals.

Originally, Phase One incorporated seven water-sampling sites at SWR (sites 1–7, fig. 2), and two at LLR (fig. 3). Regularly scheduled water sampling began at these sites during the first year of the study (water year 1999). Starting with the second year, only three of the seven sites at SWR and one site at LLR were used for sampling.

Phase Two sampling will start when construction of SR 125 begins. Water and air monitoring will continue at the established sites during and after the construction of SR 125. Data from the California Air Resources Board (CARB) Air Toxics monitoring site at Chula Vista will be used to assess the number and concentration of airborne anthropogenic compounds originating from areas upwind of the SR 125 alignment. Phase Two monitoring also will be used to assess the continuing inputs of anthropogenic compounds resulting from the land-use practices in the watershed by comparing compound detections and frequency with data collected in Phase One.

The air-sampling site is located adjacent to SWR, downwind of the proposed SR 125 routes and upwind of SWR along a transect of the predominant wind direction (site denoted by a star symbol on fig. 2). Air samples were not collected at LLR because its foothill location (30 km east of SWR) is considered sufficiently downwind of SR 125 to be minimally affected by any airborne contaminants originating from this highway. The air-sampling site is wired for AC power (120 volts), equipped with telephone modem access, and secured from the general public by a 2-m high chain-link fence.

Surficial bed sediments were not sampled during the time frame covered by this report, but were sampled at the beginning of Phase One, as previously reported by Majewski and others (2002), at each reservoir water-sampling site and at the urban-runoff diversion system ponds. Also, at the beginning of Phase One, a one-time coring of the SWR bed sediments was completed (Majewski and others, 2002). The bed sediments will be resampled at the beginning of Phase Two and again several months before the completion of the study.

Special Studies

During the course of this project, several special studies have been initiated to help the Authority better understand the effects that different operational modes have on water quality. These special studies, which are of limited scope and only conducted at a targeted subset of sampling locations, are expected to provide up-to-date water-quality information on chemicals of current concern. Six special studies were conducted during the 2-year time frame covered by this report (1999–2001). Two of these special studies involved analysis of ground water.

Sampling and Analytical Methods

Water Sampling

Reservoir water samples for all analyses were collected using a 1.2-L, Teflon Kemmerer sampler (Wildco, Saginaw, MI). Procedures for collecting and processing water samples for dissolved chemical determinations are based on protocols used by the NAWQA Program (Shelton, 1994, 1997). Samples from the low-flow diversion dam (LFDD, fig. 2) were obtained as grab samples collected by submerging the sample bottle, removing the cap, filling the bottle, and recapping the bottle while still submerged. The finished (treated) drinking-water samples and imported raw-water samples were collected from spigots located at the distribution points. The water lines were flushed for 5 minutes before the sample bottles were filled.

Each primary water sample was analyzed for VOCs and pesticides at USGS National Water Quality Laboratory. The VOC analysis determined 87 compounds by purge and trap capillary-column gas chromatography/mass spectrometry (GC/MS) with full-scan ion monitoring (Connor and others, 1998). Water samples for pesticide analyses were filtered through 0.7-micrometer (nominal pore diameter) glass-fiber filters and were analyzed for pesticides using laboratory schedule 2001 at USGS NWQL. Schedule 2001 determines 47 pesticides and pesticide transformation products by C-18 solid-phase extraction (SPE) and capillary-column GC/MS with selected-ion monitoring (GC/MS-SIM) (Zaugg and others, 1995).

Air Sampling

During the time frame of the sample collection and analyses that were performed for this report, there were no published USGS methods for the techniques used in this monitoring program to measure pesticides and PAHs, and as such, these techniques are considered “research methods.” Analytical results that were obtained using these research methods have not been entered into the USGS database, but rather are presented in this report along with a full description of the methods that were used to obtain the data.

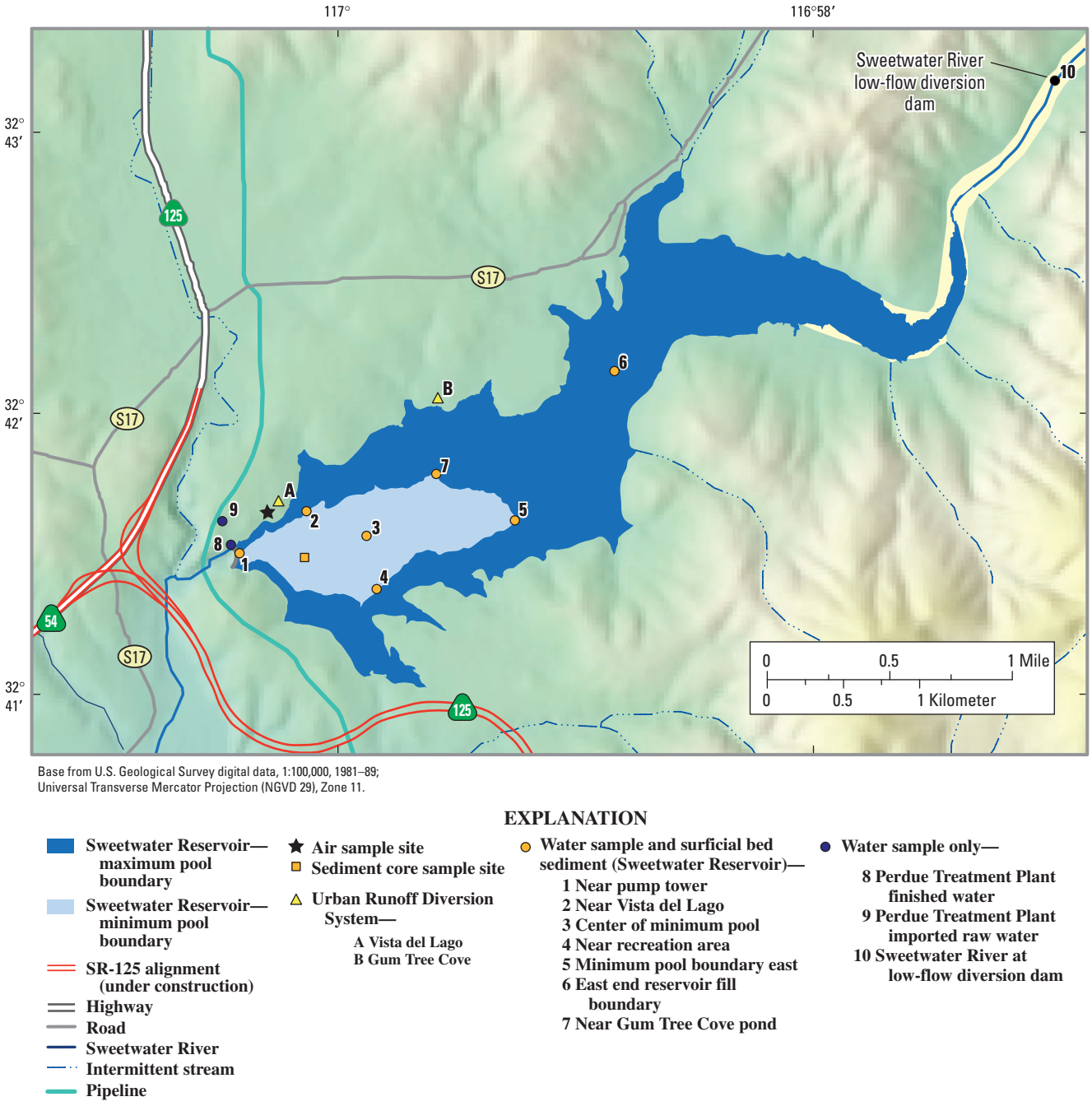
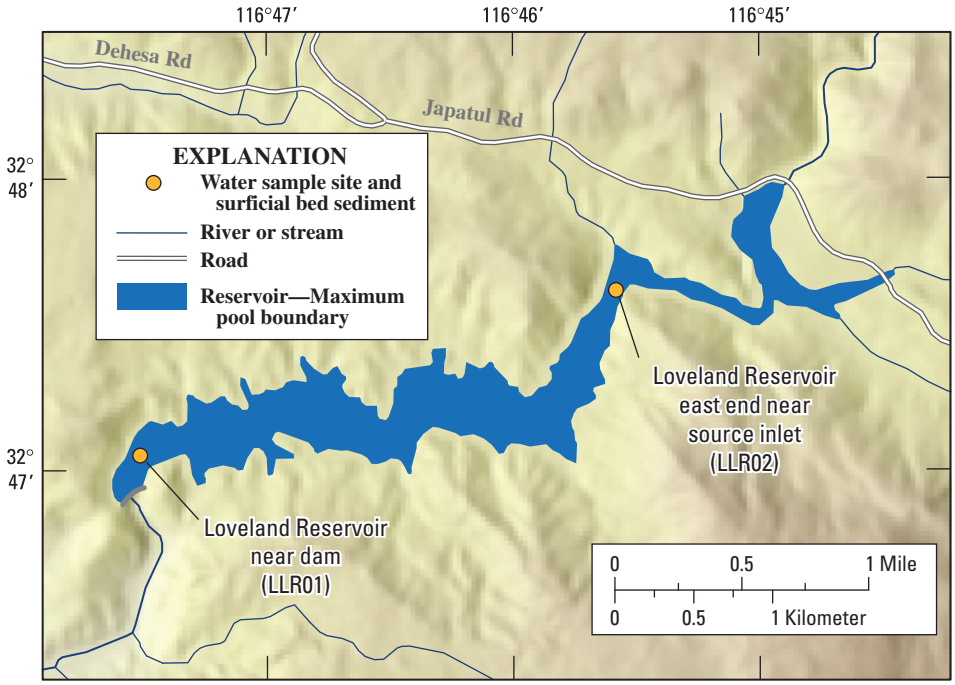


Figure 2. Sweetwater Reservoir sampling sites and the most probable alignment of SR 125, San Diego County, California.

In conjunction with the USGS, the low-volume air sampling and analytical methods for VOCs were developed by, and all samples were analyzed by, the research group of Dr. James Pankow at the Oregon Graduate Institute of the Oregon Health and Science University. The air samples for VOC analyses were collected by adsorption onto cartridges and analyzed by thermal-desorption GC/MS procedures as detailed in Pankow and others (1998). Using these procedures, ambient, gas-phase, atmospheric VOC concentrations were monitored using two programmable low-volume air sampling pumps (224-PCXR8, SKC INC., Eight Four, Pennsylvania). One type of sampler was used to pull a 1.5-L sample of air through a glass cartridge containing 50 mg of Carbotrap B in series with 280 mg of Carboxen 1000 (Supelco, Bellafonte, Pennsylvania) for the analysis of seven VOCs with the highest volatilities (lowest breakthrough volumes), including several chlorofluorocarbons. A second type of sampler was used to pull a 5-L sample of air through a glass cartridge containing 180 mg of Carbotrap B in series with 70 mg of Carboxen 1000 (Supelco, Bellafonte, Pennsylvania) for the analysis of the remaining



Base from U.S. Geological Survey digital data, 1:100,000, 1981–89; Universal Transverse Mercator Projection (NGVD 29), Zone 11.

Figure 3. Loveland Reservoir sampling sites, San Diego County, California.

79 VOCs with lower volatilities (higher breakthrough volumes). Each sample was a 24-hour composite collected every 12th day. The timing of the air-sample collection for VOCs was coordinated with the CARB Air Toxics Program. Samples were analyzed for 86 VOCs, which ranged in volatility from dichlorofluoromethane (CFC-12), which had the highest volatility, to 1,2,3-trichlorobenzene, which had the lowest volatility (Pankow and others, 1998).

The research methods used in this monitoring program for sampling and analyzing semivolatile organic compounds (PAHs and pesticides) in air are comparable to those described by Foreman and others (2000) for pesticides, and to USEPA methods TO-4A for pesticides (U.S. Environmental Protection Agency, 1999a) and TO-13A for PAHs (U.S. Environmental Protection Agency, 1999b). These air methods were developed to complement the pesticides in water methods (Zaugg and others, 1995; Sandstrom and others, 2001) and PAH/alkyl-PAH in sediment method (Olson and others, 2004) applied to the SWR monitoring program.

The high-volume air samples for the analysis of PAHs or pesticides were collected by drawing air through a 90-mm diameter glass-fiber filter (GFF; type A/E, Pall Corp., East Hills, NY) followed by a cartridge containing two polyurethane foam (PUF) plugs. The GFF collects atmospheric particles from which the operationally defined particle-phase concentration of each analyte is determined. The PUF plugs collect the operationally defined gas-phase concentration of each analyte. Prior to use, the GFFs were cleaned by baking at 450 degrees Celsius (°C), desiccated for at least 2 hours until cool, weighed to the nearest 0.2 milligram (mg) on a balance, wrapped in baked aluminum foil, and stored in resealable polyethylene bags. At the SWR air-sampling site, a GFF was removed from the foil with clean (methanol-rinsed) stainless steel forceps and placed in a perfluoralkoxy fluoropolymer (Teflon-PFA) filter holder (series 90, Savillex Corp., Minnetonka, MN) that was modified in two ways. The outer closure piece of the filter holder was cut open to provide an 80-mm diameter opening that would improve air flow and expose most of the GFF surface for atmospheric particle collection. The holder's inner closure piece was machined to include a 3.8-cm female National Pipe Thread (NPT) taper to allow direct connection to the 3.8-cm male NPT threaded connection on the inlet of the PUF cartridge.

PUF plugs for the cartridges were 5 cm in diameter by 7.6 cm long and were prepared from open-cell foam having an average density of 0.043 gm^{-3} and containing no polybrominated diphenyl ether flame retardants (Netherland Rubber Company, Cincinnati, OH). PUF plugs were cleaned by rinsing with tap water and then sequentially extracted for at least 12 hours each with acetone, 30-percent ethyl acetate in hexane, and dichloromethane in a Soxhlet apparatus. Residual solvent was squeezed from the PUF plugs using a stainless-steel potato masher, and the plugs were then dried in a vacuum oven at 40°C for at least 48 hours before being stored in sealed 500-mL wide-mouth jars with Teflon-lined lids. At SWR, primary (top) and secondary (bottom) PUF plugs were positioned in series inside a 24.2-cm long by 3.5-cm internal diameter Teflon-PFA cartridge (Savillex Corp., Minnetonka, MN) with the bottom PUF plug held in place against a Teflon-PFA screen. PUF plugs were carefully inserted into the PUF

cartridge using clean stainless steel forceps to ensure that the PUF plugs were well fitted to the cartridge wall with no creases that would allow air to migrate around the plug instead of passing through the foam.

The PUF cartridge was then connected to the GFF filter holder, and the GFF-PUF sampling train was positioned inside a high-volume sampler enclosure (Graesby-GMW, Village of Cleves, Ohio) comparable to that described in USEPA method TO-4A (U.S. Environmental Protection Agency, 1999a). The outlet of the PUF cartridge was connected via 0.95-cm outer diameter Teflon tubing to a high-volume blower motor. Air samples were collected by pulling ambient air through the GFF-PUF sampling train at flow rates of 23 to 55 L/min for seven days, providing sample volumes ranging from 234 to 585 m^3 (cubic meter) for samples described in this report. Sampling times were controlled by a timer, and sample volume was calculated by multiplying the sample collection time by the air flow rate determined using a calibrated flow meter. Following sample collection, the GFF was removed from the holder using clean forceps, returned to the aluminum foil, folded in half (particle-laden side inward), and sealed in the foil and bag. PUF plugs were returned to the jars using forceps, and the jars were labeled to identify the top or bottom PUF and were tightly sealed with the lids. GFF and PUF were stored at 4°C (maximum) prior to overnight shipment on ice to USGS NWQL.

At NWQL, air sample components were stored at –5°C (maximum) until analysis. GFFs were desiccated for 24 hours and weighed to ±0.2 mg to determine particle weight. This weight was divided by the sample's air volume to determine the total suspended particle (TSP) concentration. Each GFF was placed in a 500-mL flat bottom flask, and each PUF plug was placed in a Soxhlet apparatus. The GFF and PUF plugs were fortified with surrogate compounds (see Quality Control section later in report) and extracted with 100-mL (GFF) or 300-mL (PUF) of 30-percent ethyl acetate in hexane for at least 12 hours. Top and bottom PUF plugs were extracted and analyzed separately during this reporting period to determine PUF collection efficiency for gas-phase analytes. Extracts were dried with sodium sulfate and reduced in volume to 1 mL using Kuderna-Danish distillation and nitrogen gas evaporation. Each extract was then transferred to a 0.5-g octadecylsilyl (C-18) solid-phase extraction (SPE) column (Isolute 221-0050-BS, Biotage AB, Charlottesville, VA) positioned over a 1-g Florisil-PR column (Isolute 712-0100-C). Analytes were eluted from these columns with 6 mL of ethyl acetate, which was reduced in volume to about 0.3 mL by nitrogen gas evaporation. Extracts were transferred with 0.15-mL ethyl acetate rinse to 2-mL GC vials containing 500 ng of 1,4-dichlorobenzene and five perdeuterated polycyclic aromatic hydrocarbons (naphthalene-d8, acenaphthene-d10, phenanthrene-d10, chrysene-d12, and perylene-d12) in ethyl acetate as internal injection standards.

The extracts were then analyzed by three different GC/MS-SIM methods. Pesticides and degradates comparable to those determined by NWQL water schedule 2001 were measured using the operational conditions described by Zaugg and others (1995) and Lindley and others (1996). A subset of parent pesticides and degradates comparable to those determined by NWQL water method 2002 were measured using the GC/MS conditions given by Sandstrom and others (2001). Finally, PAHs and alkyl-PAHs were analyzed using GC/MS conditions comparable to that described by Olson and others (2004) for a subset of those compounds determined by that sediment method except that the mass spectrometer was operated in the selected-ion monitoring mode to provide lower detection levels. Compound concentrations determined from these three methods are reported in nanograms per cubic meter of air (ng/m^3).

Special Studies

In addition to the primary sampling of water and air to provide a core dataset for the understanding of potential water-quality impacts on the SWR, six "special studies" were conducted during the 1999–2000 time frame covered by this report. These special studies were conducted to obtain water-quality information about specific processes and chemicals of current concern. Two of these special studies (the first and the sixth) were conducted to investigate the occurrence of additional organic chemical contaminants in water using two new research methods that were under development at the NWQL. The other four special studies (the second through the fifth) used traditional methods to supplement the data from the primary sampling.

The first special study collected water samples for determination of moderate-use pesticides and degradates using procedures that subsequently became official USGS schedule 2002 (Sandstrom and others, 2001). Water samples collected by this method were filtered through 0.7-µm nominal pore size GFFs into baked 1-L sample bottles, capped, and then shipped on ice to the USGS NWQL. Analyses were performed using the C-18 SPE and GC/MS techniques described by Sandstrom and others (2001). The second special study investigated the dissolved-phase concentrations of organochlorine compounds, PAHs, and other semivolatile compounds in the SWR by use of semi-permeable membrane devices (SPMD) developed by the USGS (Huckins and others, 1990).

The third special study was an investigation of dissolved copper, which was analyzed using the same analytical methods as were used for the other water samples collected for the primary sampling, as described by Shelton (1994 and 1997). The fourth special study was an investigation of VOCs in two drinking-water production wells located north of the Reynolds desalination plant (fig. 1). The fifth special study analyzed dissolved trace metals, which were analyzed by inductively-coupled plasma/mass spectrometry using methods described in Faires (1993).

The sixth special study collected whole-water samples for the determination of wastewater indicator compounds. Samples for wastewater compounds were extracted with dichloromethane in a continuous liquid-liquid extractor. Extracts were reduced in volume to 0.5 mL by micro-Kuderna-Danish distillation and nitrogen evaporation. Perdeuterated PAH internal standards were added to the extracts and analyzed by GC/MS-SIM (samples collected in December 2000) or GC/MS operated in full scan mode (samples from March 2001). The GC/MS full scan analysis is comparable to that described by Zaugg and others (2002). All water samples for organic analyses were shipped on ice to the laboratories for analysis.

Sampling Strategy and Data

Some data tables show more than one laboratory reporting level (LRL) for a compound or element in different samples. This occurs, in part, because reporting levels are updated annually, as necessary, as a component of the NWQL's yearly assessment of long-term method detection levels and LRLs (Childress and others, 1999). Reporting levels also sometimes vary based on differences in sample volumes or the presence of interferences. Some concentrations are reported as estimated (E). In this case, the compound was determined to be present in the sample on the basis of mass spectral information, but the concentration is less certain because the determined concentration is below the lowest calibration standard or the LRL, whichever is greater, or because of recognized method limitations for certain compounds.

Water Sampling

Water samples were collected at three sites in SWR (sites 1, 3, and 6, fig 2), two sites at the Perdue Treatment Plant (sites 8 and 9, fig.2), one site on the Sweetwater River above SWR (site 10, fig.2), and one site at LLR (LLR01, fig. 3). The results for water samples are entered into the USGS National Water Information System database. All sites within SWR, with the exception of site 6, were within the reservoir's minimum pool boundary to ensure that water would be available for sampling throughout the year. Site 6 was located in the eastern third of the reservoir in very shallow water (fig. 2). As the water level fell, the water depth at this site decreased and the bed sediments became exposed. When this happened, the sampling site was moved to a location where the water depth was about 1 m deep. Sampling sites at both SWR and LLR were marked with stationary buoys anchored to the bottom of the reservoir.

Three water-sampling sites (sites 8, 9, and 10, fig. 2) were established outside the reservoir boundaries. Site 8 monitors the quality of the finished (treated) water as it leaves the treatment plant for distribution to customers. Site 9 monitors the quality of the imported raw water before it enters the treatment plant or resevoir. Site 10, Sweetwater River at the Low-Flow Diversion Dam (LFDD), monitors the quality of the watershed drainage water entering SWR. During low flows, the water from LFDD is diverted into the Urban Runoff Diversion System (URDS) ponds. Local urban runoff and the first flush (initial flow after a dry period, when pollutants might occur in higher concentrations) in the Sweetwater River are diverted into the URDS ponds to prevent unwanted water from entering the SWR. All site identification numbers, sampling site names, and other identifiers are listed in table 1.

In most cases, imported water is pumped by pipeline directly into the treatment plant. Occasionally, this water is pumped directly into SWR to augment the local supply. When imported water is pumped directly into the reservoir, it significantly increases the water level with volume increases on the order of tens of thousands of acre-feet.

Baseline water sampling at both SWR and LLR began in September 1998 and continued at 2-month intervals through September 1999. This bimonthly sampling allowed monitoring of various operational modes of the reservoirs, such as replenishment or withdrawal events that significantly change the water level in the reservoirs. Baseline water sampling also showed the spatial variability in chemical occurrence and concentration in each reservoir. Beginning in October 1999, the sampling frequency was reduced to once every third month (quarterly). The number of sampling sites at SWR was reduced from seven to three, and the two sampling sites at LLR were reduced to one. The reduction in the number of sampling sites was done to focus the sampling efforts on "indicator" sites—those sites that are believed to provide the most relevant information without compromising the scientific integrity of the project. These sites are

- SWR01—located near the dam and the intake for reservoir water to the treatment plant; to monitor the quality of water entering the treatment plant.
- SWR03—located near the center of the minimum pool; to monitor the quality of water at the center of the reservoir.
- SWR06—located near the east end of the reservoir; to monitor the quality of water entering the reservoir from the Sweetwater River.
- LLR01—located near the dam; to monitor the quality of the reserve storage water.

Before any reservoir water was sampled, depth profiles of dissolved oxygen, pH, specific conductance, and temperature were measured at 1-m intervals from the surface to the reservoir bottom at each sampling location using a multiparameter water-quality monitor (table 2). At LLR, the depth-profile measurements below 10 m were taken every 2 m because the depth of LLR is much greater than the depth of SWR. If the temperature profile indicated a thermocline, two sets of water samples were collected at the site: one at midepilimnion and one at midhypolimnion. The epilimnion can be defined as the layer in a lake extending from the surface to a depth where photosynthesis no longer occurs. The hypolimnion can be defined as the poorly illuminated lower region of a stratified lake where denser, colder water currents are minimal. The

temperature of the hypolimnion is nearly uniform and oxygen is depleted. This stratum of water is characterized by decay rather than by the production of organic matter. If no thermocline was evident, only one sample set was collected at a point midway between the water surface and the reservoir bottom.

The concentrations of VOC analytes detected in water ranged from 0.01 µg/L to 66.6 µg/L, and the results are given in table 3. The concentrations of pesticide analytes detected in filtered water ranged from 0.002 µg/L to 0.02 µg/L, and the results are given in table 4. Any additional analyses that were added to the sampling regime were performed on samples collected from selected sites. That is, these analyses were done to show occurrence and possible source of new analytes of interest, not necessarily their distribution within the watershed.

Air Sampling

The purpose of the air data collected at the air sample site (fig. 2) is to establish the occurrence, temporal patterns, and ambient levels of selected airborne organic compounds (VOCs, PAHs, and pesticides). This site was installed downwind of the proposed SR 125 routes and upwind of SWR (fig. 2), along a transect of the predominant wind direction. The site includes a fully instrumented meteorological station that records hourly averages of wind speed and direction, ambient air temperature and relative humidity at two heights, rainfall, barometric pressure, and atmospheric stability. Establishment of this air sampling station followed the guidelines outlined by the National Atmospheric Deposition Program (Bigelow, 1984), with the help of the South Coast Air Pollution Control Board (William Brick, oral commun., 1999).

The first VOC air sample was collected on March 23, 1999. Each sample was a 24-hour composite collected every 12th day. The timing of the VOC sample collection was coordinated with the CARB Air Toxics Program. The LRL for these analytes ranged from 0.02 to 0.06 part per billion by volume. The results for the VOC air samples collected during the time frame of this report are given in table 5A for the 7 compounds with low breakthrough volumes. Table 5B gives the results for the remaining 79 VOCs.

The first PAH and pesticide air sample was collected during the week of May 11, 1999. Each sample was a 24-hour/7-day weekly composite collected every third week. Air samples were not collected at LLR because its foothill location (30 km east of SWR) is considered sufficiently downwind of SR 125 to be minimally impacted by any airborne contaminants originating from it. Analytical results for PAHs in air samples collected during the time frame of this report are given in table 6. PAHs with molecular weights less than 178 Daltons are not reported because of incomplete collection on PUF at the sampled volumes (You and Bidleman, 1984). Compounds analyzed for pesticides in air samples using a modification of NWQL water Schedules 2001 and 2002 are given in table 7A. Results for these pesticides analyzed using a modification of NWQL water sample Schedules 2001 and 2002 are given in tables 7B and 7C, respectively. Not all of the compounds that were determined by the corresponding water methods are reported for the air samples because certain analytes were known to have incomplete collection on the PUF plugs based on a previous study (Foreman and others, 2000) or inadequate analytical performance in the air method.

Special Studies

The first special study, which began in January 2000, focused on moderate-use pesticides in filtered water analyzed using NWQL Schedule 2002 (table 8). Between January 27 and February 12, 2000, water was transferred (11.2 hm^3) from LLR to SWR via the Sweetwater River. Because there are several golf courses along the Sweetwater River between LLR and SWR, this water transfer was an opportunity to examine whether pesticides used on the golf courses would accumulate in the river channel during extended dry periods and be carried downstream with the initial flow of the river after a dry period (first flush). This first-flush sampling occurred on the 29th and 30th of January 2000 at two sites along the Sweetwater River. One sample was collected at the Steele Canyon Bridge at Cottonwood Golf Course site (fig. 1) as the released water was passing through the area. Four additional samples were collected at the LFDD (site 10, fig. 2) at approximately 12-hour intervals. One sample was collected in early January at the LFDD for comparison with the first-flush data. In addition, several samples from SWR (sites 1 and 3, fig. 2), the LFDD, and the imported raw water (site 9, fig. 2) were taken in June and September 2000 and analyzed using this method (table 8).

The second special study investigated concentrations of dissolved-phase organochlorine compounds (legacy persistent organic pollutants), PAHs, and other semivolatile organic compounds using semipermeable membrane devices (SPMD). The organochlorine compounds and PAHs, especially, have low water solubility and are of concern with regard to human health. This study was conducted during a period of extended dry weather when the water level in SWR was low. Three SPMDs were deployed in January 2001 near the pump tower (site 1, fig. 2); one was implaced for one month and two for two months. The results are presented in tables 9A and 9B.

SPMDs are flat polyethylene plastic tubes filled with triolein, a lipid-like material. The polyethylene membrane of the SPMD allows dissolved (bioavailable) contaminants to pass through the membrane while excluding water. The triolein inside the SPMD is similar in characteristics to a highly purified fish fat. The contaminants dissolve in the triolein just as they do in the fats of a fish. The SPMD was placed on a rack, which was inserted into a protective stainless steel container that was then submerged in the water at a depth of 1 m. SPMDs collect contaminants in the water that are often hard to detect through normal chemical sampling procedures because they are present at such low dissolved-phase concentrations. SPMDs measure the bioavailable form of a chemical that an organism can absorb and incorporate. Very low concentrations

of certain contaminants (such as PAHs, organochlorine pesticides, and polychlorinated biphenyls) may still be important in the environment because of their ability to bioconcentrate in animals (by dietary uptake or uptake through fish gills with subsequent accumulation in the animal's fat). The concentrations of these chemicals in rivers can change daily or even hourly, but their concentrations in reservoirs are expected to be more constant. The SPMD allows the calculation of an average concentration of each contaminant per kilogram of SPMD during the period that the sampling device is in the water.

The third special study analyzed additional water samples from various sources for copper concentration in April and July 2001 (table 10). In April, two water samples were taken at the Perdue Treatment Plant—finished and imported waters; and one taken at the Reynolds Desalination Facility—discharge water. The Reynolds Desalination Facility uses reverse-osmosis treatment to remove dissolved salts and microscopic particles that could be found in alluvial ground water. The facility, completed in 1999, can produce four million gallons of drinking water a day. The sample collected at the Desalination Facility was from the plant discharge, which is referred to as "sample point 45" because it is the compliance point for the facility's National Pollutant Discharge Elimination System (NPDES) permit. The sample was collected just before the discharge went into a concrete channel that flows to the Sweetwater River. This sample was a composite sample taken over a 21-hour period.

In July, ten water samples were collected for dissolved copper determination (table 10): one at the Perdue Treatment Plant (finished water) (site 8, fig. 2), four at the Reynolds Desalination Facility (fig. 1), and five at selected San Diego Formation wells (SDF1 through 5, table 1, fig. 1). The Desalination Facility samples were collected from the inflow, feed, effluent, and discharge. The inflow sample point is raw water coming into the plant from ground-water wells. The feed sample point is the inflow water filtered through a cartridge with sulfuric acid with a scale inhibitor added. The effluent sample point is water that goes into the drinking-water system. The discharge sample point is water that goes back to the Sweetwater River. The five ground-water wells that were sampled supply water that feeds into the plant. Depending on the needs of the plant, all or a combination of these San Diego Formation wells make up their inflow.

The fourth special study analyzed VOCs in water from two National City wells that the SWA uses to supplement their drinking-water supply. These wells were sampled so that SWA would have a better understanding of measured VOCs in their supplemental drinking water. The results from sampling these two wells in April 2000 are listed in table 11.

The fifth special study analyzed dissolved trace metals in reservoir water samples collected in March 2001 (table 12). A variety of trace metals occur naturally, but are also emitted from auto exhaust, tire wear, and road dust. These analyses were added to help understand the role of atmospheric deposition of trace metals originating from the SR125 alignment and their affect on water quality.

The last special study analyzed contaminants typically associated with wastewater effluent in reservoir whole-water samples (sites 1, 8, 9, fig. 2, and LLR01, fig. 3) collected in December 2000 and March 2001 (table 13). Some compounds have a second LRL because the laboratory quality control required that the level be raised to decrease the possibility of false positives. The laboratory reporting levels for some compounds were higher in the March 2001 samples.

Quality Control

Three types of quality-control samples were used in this study: blanks, spikes, and replicates. Blanks and spikes are used to estimate result bias, and replicates are used to estimate result variability. Additionally, surrogate compounds were added to VOC, PAH, and pesticide samples at the laboratory to monitor sample-specific performance of the analytical method.

Blanks are intended to be free of the analytes of interest and can be prepared in the laboratory or field. Blank samples are analyzed to test for bias that could result from contamination of environmental samples by the analytes of interest or by interfering compounds during any stage of sample collection, processing, or analysis. For this study, blanks for water samples were collected by processing USGS laboratory certified reagent water, known to be free of the analytes of interest, through all parts of the sample-collection process. Field blanks were collected at an environmental sampling location by passing the blank water through all field-cleaned sampling equipment. Field blanks were used to demonstrate that all stages of sample collection and processing did not introduce measurable contamination. Equipment blanks were collected annually to monitor for potential contamination due to sample collection and processing equipment. Source-solution blanks were collected to verify that the laboratory certified reagent water was free of the analytes of interest. Travel (trip) blanks were used to identify contamination that could occur during sample transport and analysis rather than as a result of sample collection and processing. Lot blanks were analyzed at the laboratory to test the cleanliness of the cartridges. Laboratory blanks (water and air methods) were used to demonstrate that the laboratory sample processing steps did not introduce measurable contamination.

Spiked samples are prepared by fortifying reagent water, an environmental water sample, or the air sampling media, with a known concentration of selected analytes. For this study, spiked samples were used to measure bias in analyte recovery. Matrix spikes also were used to test the effects of various sampled matrices on the recovery of specific compounds, including matrix interference or matrix-induced analyte degradation. One field water sample was spiked, in replicate, for pesticides during this study period.

Replicate water samples were collected and processed identically to the environmental sample and used to measure the variability during sample processing and analysis.

Water Sampling

One field quality-control sample was collected during every sampling campaign except during September 2001. The type of quality-control sample collected and the sampling location were chosen randomly. The blank and replicate sample quality-control data for VOCs in water samples are given in table 14. The field-matrix spike and spike replicate quality control data for pesticides in water samples are given in table 15.

The quality of analytical results was monitored by adding surrogate compounds to each sample before it was processed for analysis. These surrogate compounds were added at the NWQL to monitor sample preparation and analysis. For water samples, 1,2-dichloroethane-d4, toluene-d8, and 1,4-bromofluorobenzene were added to each VOC sample, and diazinon-d10 and α-HCH-d6 were added to each pesticide sample. Surrogate results, in percent recovery, for each type of water sample is given in tables 3 and 4, respectively.

Air Sampling

Each VOC air sample collected has an associated cartridge travel blank, cartridge (reagent) spike, cartridge lot blank, and laboratory blank that were analyzed along with the environmental sample. The quality-control data for chlorofluorocarbons and other compounds with low breakthrough volumes are given in tables 16A, 16B, 16C, and 16D, respectively. The quality-control data for the remaining 80 VOCs are given in tables 17A, 17B, 17C, and 17D, respectively.

Air samples for semivolatile organic compounds comprise three components (a GFF and a top and a bottom PUF plug) that were individually extracted. These extracts were analyzed by three distinct GC/MS procedures at the NWQL for PAHs and pesticides. Each air sample component was fortified with surrogate compounds at the NWQL to monitor sample preparation and analysis. Recovery data for surrogate compounds nitrobenzene-d5, 2-fluorobiphenyl, and terphenyl-d14 used to monitor performance for the PAH analysis are given in table 6. Recovery data for surrogate compounds diazinon-d10 and α-HCH-d6 used to monitor performance for the pesticides analyses by modified Schedules 2001 and 2002 are given in tables 7B and 7C, respectively.

The laboratory reagent blank and laboratory reagent spike results for PAHs are given in tables 18A and 18B, respectively. Corresponding laboratory blank and laboratory spike results for air sample analysis are in tables 19A and 19B using modified schedule 2001-type pesticides, and in tables 20A and 20B for modified schedule 2002-type pesticides.

Special Studies

The laboratory blank quality-control data associated with the second special study with the SPMD samples are given in table 21. The laboratory spike and laboratory blank quality-control data for the sixth (last) special study of wastewater compounds are given in table 22.

Summary

The primary purpose of this study was to monitor changes in contaminant composition and concentration in the air and water during the construction and operation of a major thoroughfare being built upwind of the Sweetwater Reservoir. To accomplish this, the study was divided into two phases. Phase One sampling was designed to establish baseline conditions for target compounds (primary sampling) in terms of detection frequency and concentration in air and water. Phase Two sampling is planned to continue during and after construction of the roadway to assess the chemical impact this alignment project may have on the water quality in the reservoir. In addition to the ongoing data collection, six special studies were initiated during the reporting period of Phase One to assess the occurrence of specific chemicals of concern, such as moderate-use pesticides and degradates, trace metals, and wastewater compounds in water samples.

Many compounds were analyzed to provide a better understanding of the effects urbanization may have on a drinking-water reservoir. Before any reservoir water was sampled, depth profiles were made of temperature, pH, dissolved oxygen, and specific conductance which were measured at each reservoir sampling location (table 2). Analytical results for the primary water sampling are given in tables 3 and 4. Analytical results for the primary air sampling are given in tables 5–7. Data for the six special studies are given in tables 8–13. Quality-control data for water samples are given in tables 14 and 15. Quality assurance data for air sampling are given in tables 16–20. Quality-control data for two special studies are given in tables 21 and 22.

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Table 1. Site identification numbers, site names, state well numbers, and other identifiers, San Diego County, California.

[See figure 2 for most site locations. QA, quality assurance; QC, quality control]

Site identification No.	Site name or state well number	Other identifiers
324130117002501	Sweetwater Reservoir near pump tower	SWR01
324139117000801	Sweetwater Reservoir near Vista del Lago station	SWR02
324131117000101	Sweetwater Reservoir center of minimum pool	SWR03
324126116595701	Sweetwater Reservoir near recreation area	SWR04
324137116592401	Sweetwater Reservoir minimum pool boundary east	SWR05
324209116585001	Sweetwater Reservoir east end reservoir fill boundary	SWR06
324147116593501	Sweetwater Reservoir near Gum Tree Cove Pond	SWR07
324132117002701	Perdue Treatment Plant–finished water at Sweetwater Reservoir	SWR08
324137117002901	Perdue Treatment Plant–imported raw water at Sweetwater Reservoir	SWR09
324311116565901	Sweetwater River at low-flow diversion dam above Sweetwater Reservoir	LFD
324703116473101[1]	Loveland Reservoir near dam	LLR01
324737116453501[1]	Loveland Reservoir east end near source inlet	LLR02
324141117001601	Sweetwater Reservoir air sampling site	
324401116562601	Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	
323935117050301[2]	Reynolds Desalination Facility–inflow	
323935117050301[2]	Reynolds Desalination Facility–discharge	
323935117050301[2]	Reynolds Desalination Facility–effluent	
323935117050301[2]	Reynolds Desalination Facility–feed	
323935117050501[2]	17S/2W-28R1	San Diego Formation well # 1
323937117050001[2]	17S/2W-27N2	San Diego Formation well # 2
323928117044201[2]	17S/2W-27P1	San Diego Formation well # 3
323925117043701[2]	17S/2W-27P2	San Diego Formation well # 4
323935117043201[2]	17S/2W-34C1	San Diego Formation well # 5
324112117052501[2]	17S/2W-16Q3	National City well #2
324111117052601[2]	17S/2W-16Q4	National City well #3
88888801[3]	QA/QC site for Sacramento Project Office, California	

[1]Loveland Reservoir sites located on figure 3.

[2]Well sites and desalination facility located on figure 1.

[3]Quality control identification number.

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; ºC, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (ºC) (00010)
Sweetwater Reservoir near pump tower						
November 29, 1999	1240	0.1	6.8	8.2	921	16.0
	1241	1.0	6.8	8.6	921	15.6
	1242	2.0	6.9	8.6	920	15.5
	1243	3.0	7.0	8.6	921	15.5
	1244	4.0	7.0	8.5	922	15.5
	1245	5.0	6.9	8.5	922	15.5
	1246	6.0	6.7	8.5	922	15.5
	1247	7.0	6.4	8.5	922	15.5
	1248	8.0	6.5	8.5	922	15.5
	1249	9.0	6.5	8.5	923	15.5
	1250	10.0	5.3	8.4	924	15.4
March 13, 2000	1200	0.1	11.6	8.4	833	17.0
	1201	1.0	11.0	8.6	830	16.4
	1202	2.0	11.0	8.4	829	15.7
	1203	3.0	10.1	8.3	825	15.0
	1204	4.0	9.1	8.2	825	14.7
	1205	5.0	8.6	8.2	825	14.6
	1206	6.0	8.4	8.2	826	14.5
	1207	7.0	7.8	8.1	825	14.5
	1208	8.0	7.5	8.0	826	14.4
	1209	9.0	7.0	8.0	825	14.4
	1210	10.0	6.8	7.9	826	14.4
	1211	11.0	6.6	7.9	826	14.4
	1212	12.0	6.5	7.9	826	14.3
	1213	13.0	6.1	7.8	827	14.3
	1214	13.9	5.1	7.7	924	14.4
June 12, 2000	1120	0.1	8.3	8.4	915	24.8
	1121	1.0	8.7	8.5	915	24.3
	1122	2.0	8.8	8.5	915	24.1
	1123	3.0	8.7	8.5	915	24.0
	1124	4.0	8.5	8.5	915	23.8
	1125	5.0	1.3	7.7	897	20.8
	1126	6.0	0.4	7.7	895	20.5
	1127	7.0	0.2	7.7	894	20.2
	1128	8.0	0.1	7.8	888	19.6
	1129	9.0	0.1	7.8	885	19.4
	1130	10.0	0.1	7.8	879	18.7
	1131	11.0	0.1	7.8	877	18.1
	1132	12.0	0.1	8.1	896	17.9

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; °C, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
September 5, 2000	1135	0.1	8.1	8.3	948	25.2
	1136	1.0	8.1	8.3	949	25.2
	1137	2.0	7.5	8.3	948	24.1
	1138	3.0	6.5	8.2	949	23.8
	1139	4.0	6.3	8.2	950	23.7
	1140	5.0	6.2	8.2	949	23.7
	1141	6.0	0.2	8.6	938	22.4
	1142	7.0	0.1	7.6	935	22.2
	1143	8.0	0.0	7.5	929	21.5
December 4, 2000	1200	0.1	4.3	8.0	992	14.9
	1201	1.0	3.8	8.1	995	14.2
	1202	2.0	3.3	8.1	996	14.1
	1203	3.0	3.2	8.1	998	14.0
	1204	4.0	3.0	8.0	999	14.0
	1205	5.0	2.9	8.0	999	14.0
	1206	6.0	2.8	8.0	999	14.0
	1207	7.0	2.6	8.0	999	14.0
	1208	7.8	0.5	7.9	1,120	14.3
March 20, 2001	1220	0.1	15.1	8.6	941	19.5
	1221	1.0	14.9	8.7	946	18.0
	1222	2.0	13.6	8.7	944	17.4
	1223	3.0	10.4	8.6	940	15.6
	1224	4.0	7.5	8.4	950	14.3
	1225	5.0	6.7	8.4	951	14.1
	1226	6.0	6.5	8.4	952	14.0
	1227	7.0	5.8	8.3	954	13.9
	1228	8.0	4.7	8.2	956	13.8
	1229	9.0	4.3	8.2	957	13.7
	1230	10.0	3.2	8.1	958	13.7
	1231	11.0	3.2	8.1	958	13.7
	1232	12.0	3.0	8.0	959	13.7
	1233	12.8	0.3	8.0	990	13.7
June 6, 2001	0955	0.1	7.8	8.3	1,030	22.4
	0956	1.0	7.9	8.3	1,030	22.2
	0957	2.0	7.8	8.3	1,030	22.1
	1020	3.0	7.8	8.3	1,030	22.1
	0958	4.0	7.8	8.3	1,030	22.0
	0959	5.0	7.8	8.3	1,030	22.0
	1000	6.0	1.9	7.7	983	19.2
	1001	7.0	0.3	7.7	968	17.5
	1002	8.0	0.2	7.6	967	17.1
	1003	9.0	0.1	7.6	966	16.6
	1004	11.0	0.2	7.5	966	16.4
	1010	10.0	0.2	7.6	966	16.6
	1005	12.0	0.1	7.5	966	16.3
	1006	12.7	0.1	7.7	1,120	16.2

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; °C, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
September 6, 2001	0930	0.1	ND	8.4	ND	25.0
	0931	1.0	ND	8.4	ND	25.1
	0932	2.0	ND	8.5	ND	25.0
	0933	3.0	ND	8.5	ND	25.0
	0934	4.0	ND	8.4	ND	25.0
	0935	5.0	ND	7.6	ND	23.0
	0936	6.0	ND	7.5	ND	22.7
	0937	7.0	ND	7.5	ND	22.4
	0938	8.0	ND	7.3	ND	17.7
	0939	8.8	ND	7.4	ND	17.4
Sweetwater Reservoir center of minimum pool						
November 29, 1999	1310	0.1	8.8	8.7	924	16.3
	1311	1.0	8.7	8.7	922	16.3
	1312	2.0	7.1	8.5	924	15.6
	1313	3.0	6.7	8.5	925	15.5
	1314	4.0	6.8	8.5	925	15.5
	1315	5.0	6.6	8.5	924	15.5
	1316	6.0	6.7	8.5	925	15.5
	1317	7.0	6.6	8.5	925	15.5
	1318	8.0	6.5	8.4	925	15.4
	1319	9.0	6.6	8.4	925	15.4
	1320	10.0	6.4	8.4	926	15.3
March 13, 2000	1240	0.1	11.6	8.4	832	17.1
	1241	1.0	12.0	8.4	831	16.7
	1242	2.0	11.4	8.3	824	15.7
	1243	3.0	10.8	8.2	826	15.3
	1244	4.0	9.6	8.1	824	14.8
	1245	5.0	9.2	8.0	825	14.7
	1246	6.0	8.9	8.0	825	14.6
	1247	7.0	8.1	7.9	825	14.5
	1248	8.0	8.0	7.9	825	14.5
	1249	9.0	7.4	7.8	827	14.4
	1250	10.0	6.7	7.8	830	14.4
	1251	11.0	6.6	7.8	829	14.4
	1252	12.0	6.3	7.8	829	14.3
	1253	13.0	6.2	7.7	829	14.3
	1254	14.0	5.9	7.7	829	14.3
	1255	15.0	5.3	7.7	829	14.3

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; °C, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
June 12, 2000	1220	0.1	8.3	8.5	917	24.9
	1221	1.0	8.4	8.5	916	24.9
	1222	2.0	8.5	8.5	916	24.5
	1223	3.0	8.2	8.5	915	24.0
	1224	4.0	6.1	8.4	916	23.3
	1225	5.0	1.2	7.8	905	21.6
	1226	6.0	0.7	7.8	900	21.2
	1227	7.0	0.6	7.8	892	20.2
	1228	8.0	0.4	7.8	889	19.8
	1229	9.0	0.3	7.8	879	18.7
	1230	10.0	0.1	7.8	879	18.6
	1231	11.0	0.2	7.8	877	18.3
	1232	12.0	0.1	7.8	875	17.9
	1233	13.0	0.1	7.8	876	17.7
September 5, 2000	1225	0.1	8.3	8.6	946	25.4
	1226	1.0	8.2	8.6	947	24.8
	1227	2.0	6.8	8.6	947	24.0
	1228	3.0	6.3	8.5	947	23.9
	1229	4.0	6.1	8.5	948	23.8
	1230	5.0	6.1	8.5	949	23.7
	1231	6.0	0.2	8.0	942	23.0
	1232	7.0	0.1	7.8	934	22.1
	1233	8.0	0.0	7.7	921	20.2
	1234	9.0	0.0	7.7	920	19.5
	1235	10.0	0.1	7.7	924	19.2
December 4, 2000	1230	0.1	3.7	8.1	999	14.8
	1231	1.0	3.7	8.1	996	14.8
	1232	2.0	3.6	8.2	995	14.2
	1233	3.0	3.5	8.2	995	14.1
	1234	4.0	3.4	8.2	995	14.1
	1235	5.0	3.4	8.2	996	14.0
	1236	6.0	3.1	8.2	997	14.0
	1237	7.0	2.7	8.1	999	14.0
	1238	8.0	2.2	8.1	998	14.0
	1239	8.3	0.5	8.2	1,000	14.0
March 20, 2001	1314	4.0	8.4	8.6	944	14.7
	1315	5.0	7.8	8.5	948	14.3
	1316	6.0	7.1	8.4	951	14.2
	1317	7.0	6.4	8.4	952	14.1
	1318	8.0	5.3	8.3	954	13.9
	1319	9.0	5.1	8.3	955	13.8
	1320	10.0	5.1	8.3	955	13.8
	1321	11.0	4.2	8.2	956	13.7
	1322	12.0	3.6	8.2	957	13.7
	1323	13.0	2.9	8.2	958	13.7

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; °C, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
September 6, 2001	1005	0.1	ND	8.7	ND	25.6
	1006	1.0	ND	8.7	ND	25.5
	1007	2.0	ND	8.7	ND	25.4
	1008	3.0	ND	8.6	ND	25.2
	1009	4.0	ND	8.1	ND	24.7
	1010	5.0	ND	7.7	ND	24.1
	1011	6.0	ND	7.5	ND	22.9
	1012	7.0	ND	7.5	ND	20.3
	1013	8.0	ND	7.4	ND	18.3
	1014	9.0	ND	7.3	ND	17.6
	1015	9.7	ND	7.4	ND	17.4
Sweetwater Reservoir east end reservoir fill boundary						
November 29, 1999	1350	0.1	9.8	8.8	921	16.6
	1351	1.0	10.1	8.8	921	16.6
	1352	2.0	10.3	8.8	922	16.6
	1353	2.7	9.2	8.7	923	16.3
	1400					
March 13, 2000	1310	0.1	12.7	8.3	849	18.1
	1311	1.0	13.1	8.3	849	18.1
	1312	2.0	12.5	8.3	859	17.8
	1313	3.0	10.3	7.7	843	15.4
June 12, 2000	1330	0.1	8.4	8.4	921	25.8
	1331	1.0	8.4	8.4	920	25.8
September 5, 2000	1255	0.1	9.0	8.4	946	25.8
	1256	0.8	8.9	8.4	947	25.7
March 20, 2001	1400	1.0	ND	ND	ND	ND
June 6, 2001	1039	0.1	7.7	8.3	1,040	23.6
	1040	1.0	7.2	8.3	1,040	23.4
	1042	1.9	6.2	8.2	1,030	22.6
September 6, 2001	1045	0.1	ND	8.6	ND	25.9
	1046	0.5	ND	8.6	ND	25.9
Sweetwater River at low-flow diversion above Sweetwater Reservoir						
November 29, 1999	1630	ND	ND	ND	ND	ND
January 29, 2000	0245	ND	8.5	7.9	2,590	11.3
January 29, 2000	1445	ND	7.8	8.0	2,690	12.3

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

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Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
January 30, 2000	0200	ND	10.0	8.0	1,040	11.9
January 30, 2000	1405	ND	11.7	8.1	784	13.3
March 13, 2000	1500	ND	ND	ND	ND	ND
June 12, 2000	1630	ND	ND	ND	ND	ND
September 5, 2000	1520	ND	ND	ND	ND	ND
December 4, 2000	1420	ND	ND	ND	ND	ND
March 20, 2001	1600	ND	ND	ND	ND	ND
June 5, 2001	1500	ND	6.7	7.7	2,590	20.8
September 6, 2001	1615	ND	ND	ND	ND	ND
			Loveland Reservoir near dam			
November 30, 1999	0950	0.1	7.5	8.2	471	14.9
	0951	1.0	7.3	8.1	471	14.9
	0952	2.0	7.4	8.2	471	14.8
	0953	3.0	7.3	8.2	472	14.7
	0954	4.0	7.2	8.2	471	14.7
	0955	5.0	7.1	8.2	472	14.7
	0956	6.0	7.2	8.2	471	14.6
	0957	7.0	7.1	8.1	472	14.6
	0958	8.0	7.1	8.1	472	14.6
	0959	9.0	7.2	8.1	472	14.6
	1000	10.0	7.2	8.1	472	14.6
	1001	12.0	7.2	8.1	472	14.6
	1002	14.0	7.2	8.1	471	14.6
	1003	16.0	0.5	7.5	412	12.2
	1004	18.0	0.4	7.5	410	11.9
	1005	20.0	0.3	7.4	411	11.7
	1006	22.0	0.2	7.4	412	11.7
	1007	24.0	0.2	7.4	411	11.6
	1008	26.0	0.3	7.4	412	11.6
	1009	28.0	0.2	7.4	412	11.6
	1010	30.0	0.1	7.3	412	11.6
	1011	32.0	0.1	7.3	411	11.6
	1012	34.0	0.1	7.3	411	11.6
	1013	36.0	0.1	7.3	412	11.6
	1014	38.0	0.1	7.3	411	11.6
	1015	38.9	0.1	7.0	603	11.7

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

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Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
March 14, 2000	0935	0.1	11.2	8.2	486	15.3
	0936	1.0	10.9	8.3	487	15.2
	0937	2.0	11.2	8.3	486	14.4
	0938	3.0	10.9	8.3	485	14.3
	0939	4.0	10.8	8.3	485	14.2
	0940	5.0	10.1	8.1	484	13.5
	0941	6.0	8.9	7.8	483	12.8
	0942	7.0	7.7	7.8	480	12.7
	0943	8.0	7.2	7.7	481	12.5
	0944	9.0	6.9	7.7	481	12.5
	0945	10.0	6.8	7.7	481	12.5
	0946	12.0	6.8	7.7	481	12.4
	0947	14.0	6.8	7.7	480	12.4
	0948	16.0	6.8	7.6	480	12.4
	0949	18.0	6.7	7.6	481	12.4
	0950	20.0	6.4	7.6	481	12.4
	0951	22.0	6.5	7.5	481	12.4
	0952	24.0	6.5	7.5	481	12.4
	0953	26.0	6.4	7.5	481	12.4
	0954	28.0	6.3	7.5	481	12.4
	0955	29.0	6.0	7.5	479	12.3
June 13, 2000	0930	0.1	8.2	8.6	207	23.2
	0931	1.0	8.3	8.6	522	23.1
	0932	2.0	8.3	8.6	522	23.1
	0933	3.0	8.2	8.6	521	23.1
	0934	4.0	8.2	8.6	521	23.0
	0935	5.0	8.0	8.6	522	22.9
	0936	6.0	2.6	7.8	517	20.8
	0937	7.0	0.5	7.7	502	17.3
	0938	8.0	0.5	7.7	493	15.9
	0939	9.0	0.2	7.7	490	14.7
	0940	10.0	0.1	7.8	486	13.6
	0941	12.0	0.0	7.8	483	13.0
	0942	14.0	0.1	7.8	483	12.8
	0943	16.0	0.1	7.8	483	12.7
	0944	18.0	0.0	7.8	484	12.7
	0945	20.0	0.0	7.8	483	12.6
	0946	22.0	0.1	7.8	481	12.6
	0947	24.0	0.0	7.7	485	12.6
	0948	26.0	0.0	7.7	487	12.5

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

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Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
September 6, 2000	0925	0.1	7.5	8.3	522	23.3
	0926	1.0	7.4	8.3	523	23.2
	0927	2.0	7.3	8.3	523	23.2
	0928	3.0	7.3	8.3	523	23.1
	0929	4.0	7.3	8.3	523	23.1
	0930	5.0	7.1	8.3	523	23.1
	0931	6.0	7.2	8.3	523	23.1
	0932	7.0	7.0	8.3	523	23.0
	0933	8.0	1.4	7.5	507	19.9
	0934	9.0	0.1	7.5	500	16.5
	0935	10.0	0.1	7.5	493	15.0
	0936	12.0	0.1	7.7	487	13.4
	0937	14.0	0.1	7.7	486	13.0
	0938	16.0	0.0	7.7	488	12.8
	0939	18.0	0.0	7.7	489	12.8
	0940	20.0	0.1	7.7	489	12.7
	0941	22.0	0.1	7.7	488	12.7
	0942	24.0	0.1	7.7	491	12.6
	0943	26.0	0.0	7.6	492	12.6
	0944	27.0	0.0	7.6	527	12.6
December 5, 2000	0950	0.1	6.6	8.0	513	13.4
	0951	1.0	6.5	8.1	515	13.2
	0952	2.0	6.4	8.1	515	13.1
	0953	3.0	6.2	8.1	515	13.0
	0954	4.0	6.1	8.1	516	12.9
	0955	5.0	5.8	8.1	516	12.8
	0956	6.0	5.7	8.1	516	12.8
	0957	7.0	5.6	8.0	516	12.7
	0958	8.0	5.5	8.0	515	12.7
	0959	9.0	5.5	8.0	516	12.7
	1000	10.0	5.5	8.0	515	12.7
	1001	12.0	5.4	8.0	516	12.7
	1002	14.0	5.4	7.9	516	12.7
	1003	16.0	5.4	7.9	516	12.6
	1004	18.0	5.4	7.9	515	12.6
	1005	20.0	5.3	7.9	517	12.6
	1006	22.0	5.3	7.9	515	12.6
	1007	24.0	5.4	7.8	515	12.6
	1008	26.0	5.4	7.8	515	12.6
	1009	28.0	5.2	7.8	516	12.6
	1010	28.2	1.1	7.5	549	12.6

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; °C, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (°C) (00010)
March 21, 2001	1100	0.1	12.4	8.2	537	17.4
	1101	1.0	12.7	8.4	535	17.4
	1102	2.0	13.0	8.5	536	16.7
	1103	3.0	12.5	8.4	535	14.5
	1104	4.0	11.0	8.3	534	12.7
	1105	5.0	9.9	8.3	533	12.3
	1106	6.0	8.5	8.2	532	11.6
	1107	7.0	7.7	8.1	533	11.2
	1108	8.0	6.7	8.1	532	11.0
	1109	9.0	6.3	8.1	533	10.9
	1110	10.0	5.6	8.0	533	10.8
	1111	12.0	5.3	8.0	533	10.8
	1112	14.0	5.1	8.0	532	10.7
	1113	16.0	5.0	8.0	532	10.6
	1114	18.0	4.9	7.9	532	10.6
	1115	20.0	4.7	7.9	532	10.6
	1116	22.0	4.8	7.9	532	10.5
	1117	24.0	4.8	7.8	531	10.5
	1118	26.0	4.6	7.8	531	10.5
	1119	28.0	4.7	7.8	531	10.4
	1120	29.0	0.3	7.4	640	10.5
June 5, 2001	1110	0.1	11.0	9.4	490	23.1
	1111	1.0	10.9	9.3	494	23.0
	1140	2.0	10.1	9.3	488	22.2
	1112	3.0	9.5	9.3	485	22.1
	1113	4.0	9.3	9.3	486	21.9
	1114	5.0	0.2	7.8	540	15.4
	1115	10.0	0.1	7.7	537	11.8
	1116	20.0	0.0	7.5	536	11.1
	1117	25.0	0.0	7.5	535	11.0
	1118	28.0	0.0	7.3	544	11.0
	1130	15.0	0.0	7.6	538	11.2
September 6, 2001	1415	0.1	ND	10.0	ND	26.1
	1416	1.0	ND	9.5	ND	25.5
	1417	2.0	ND	9.4	ND	25.2
	1418	3.0	ND	9.1	ND	24.1
	1419	4.0	ND	9.0	ND	24.0
	1420	5.0	ND	7.8	ND	21.0
	1421	6.0	ND	7.4	ND	17.5
	1422	7.0	ND	7.3	ND	15.0
	1423	8.0	ND	7.3	ND	13.9
	1424	9.0	ND	7.3	ND	13.1
	1425	10.0	ND	7.3	ND	12.3
	1426	12.0	ND	7.2	ND	11.8
	1427	14.0	ND	7.2	ND	11.5
	1428	16.0	ND	7.2	ND	11.5

Table 2. Water-quality depth-profile field data for Sweetwater and Loveland Reservoir sampling sites and for Sweetwater River above Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; m, meter; mg/L, milligram per liter; µS/cm, microsiemens per centimeter; ºC, degree Celsius; ND, no data]

Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (µS/cm) (00095)	Water temperature (ºC) (00010)
	1429	18.0	ND	7.2	ND	11.4
	1430	20.0	ND	7.2	ND	11.4
	1431	22.0	ND	7.2	ND	11.3
	1432	24.0	ND	7.2	ND	11.3
	1433	26.0	ND	7.2	ND	11.3
	1434	28.0	ND	7.2	ND	11.3
	1435	29.0	ND	7.1	ND	11.3
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course						
January 29, 2000	1000	ND	ND	8.4	2,750	11.2

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Date (mm/dd/yyyy)	Time	1,1,1,2-Tetra-chloro-ethane (77562)	1,1,1-Tri-chloro-ethane (34506)	1,1,2,2-Tetra-chloro-ethane (34516)	1,1,2-Tri-chlorotri-fluoroethane (77652)	1,1,2-Tri-chloro-ethane (34511)	1,1-Dichloro ethane (34496)	1,1-Di-chloro ethylene (34501)	1,1-Di-chloro-propene (77168)
[LRL]			[0.03]	[0.03]	[0.09]	[0.06]	[0.06]	[0.07]	[0.04]	[0.03]
SWR near pump tower	11/29/1999	1300	—	—	—	—	—	—	—	—
	03/13/2000	1220	—	—	—	—	—	—	—	—
	06/12/2000	1140	—	—	—	—	—	—	—	—
	06/12/2000	1150	—	—	—	—	—	—	—	—
	09/05/2000	1150	—	—	—	—	—	—	—	—
	12/04/2000	1220	—	—	—	—	—	—	—	—
	03/20/2001	1240	—	—	—	—	—	—	—	—
	03/20/2001	1250	—	—	—	—	—	—	—	—
	06/06/2001	1010	—	—	—	—	—	—	—	—
	06/06/2001	1020	—	—	—	—	—	—	—	—
	09/06/2001	0940	—	—	—	—	—	—	—	—
SWR center of minimum pool	11/29/1999	1330	—	—	—	—	—	—	—	—
	03/13/2000	1300	—	—	—	—	—	—	—	—
	06/12/2000	1240	—	—	—	—	—	—	—	—
	06/12/2000	1250	—	—	—	—	—	—	—	—
	09/05/2000	1240	—	—	—	—	—	—	—	—
	12/04/2000	1250	—	—	—	—	—	—	—	—
	03/20/2001	1330	—	—	—	—	—	—	—	—
	09/06/2001	1020	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Date (mm/dd/yyyy)	Time	1,1,1,2-Tetra-chloro-ethane (77562)	1,1,1-Tri-chloro-ethane (34506)	1,1,2,2-Tetra-chloro-ethane (34516)	1,1,2-Tri-chlorotri-fluoroethane (77652)	1,1,2-Tri-chloro-ethane (34511)	1,1-Dichloro ethane (34496)	1,1-Di-chloro ethylene (34501)	1,1-Di-chloro-propene (77168)
[LRL]			[0.03]	[0.03]	[0.09]	[0.06]	[0.06]	[0.07]	[0.04]	[0.03]
SWR east end reservoir fill boundary	11/29/1999	1400	—	—	—	—	—	—	—	—
	06/12/2000	1340	—	—	—	—	—	—	—	—
	09/05/2000	1300	—	—	—	—	—	—	—	—
	03/20/2001	1400	—	—	—	—	—	—	—	—
	06/06/2001	1040	—	—	—	—	—	—	—	—
	09/06/2001	1050	—	—	—	—	—	—	—	—
Loveland reservoir near dam	11/30/1999	1020	—	—	—	—	—	—	—	—
	11/30/1999	1030	—	—	—	—	—	—	—	—
	03/14/2000	1000	—	—	—	—	—	—	—	—
	03/14/2000	1020	—	—	—	—	—	—	—	—
	06/13/2000	0950	—	—	—	—	—	—	—	—
	06/13/2000	1000	—	—	—	—	—	—	—	—
	09/06/2000	0950	—	—	—	—	—	—	—	—
	09/06/2000	1000	—	—	—	—	—	—	—	—
	12/05/2000	1020	—	—	—	—	—	—	—	—
	03/21/2001	1130	—	—	—	—	—	—	—	—
	06/05/2001	1130	—	—	—	—	—	—	—	—
	06/05/2001	1140	—	—	—	—	—	—	—	—
	09/06/2001	1440	—	—	—	—	—	—	—	—
	09/06/2001	1450	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Date (mm/dd/yyyy)	Time	1,1,1,2-Tetrachloroethane (77562)	1,1,1-Trichloroethane (34506)	1,1,2,2-Tetrachloroethane (34516)	1,1,2-Trichlorotrifluoroethane (77652)	1,1,2-Trichloroethane (34511)	1,1-Dichloroethane (34496)	1,1-Dichloroethylene (34501)	1,1-Dichloropropene (77168)
[LRL]			[0.03]	[0.03]	[0.09]	[0.06]	[0.06]	[0.07]	[0.04]	[0.03]
Sweetwater River at low-flow diversion above SWR	11/29/1999	1630	—	—	—	—	—	—	—	—
	03/13/2000	1500	—	—	—	—	—	—	—	—
	06/12/2000	1630	—	—	—	—	—	—	—	—
	09/05/2000	1520	—	—	—	—	—	—	—	—
	12/04/2000	1420	—	—	—	—	—	—	—	—
	03/20/2001	1600	—	—	—	—	—	—	—	—
	06/05/2001	1500	—	—	—	—	—	—	—	—
	09/06/2001	1615	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	11/29/1999	1530	—	E0.02	—	—	—	—	—	—
	03/13/2000	1600	—	—	—	—	—	—	—	—
	06/12/2000	1710	—	—	—	—	—	—	—	—
	09/05/2000	1400	—	M	—	—	—	—	—	—
	12/04/2000	1510	—	—	—	—	—	—	—	—
	03/20/2001	1430	—	—	—	—	—	—	—	—
	06/05/2001	1420	—	—	—	—	—	—	—	—
	09/06/2001	1230	—	E0.02	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	11/30/1999	1340	—	E0.01	—	—	—	—	—	—
	09/05/2000	1600	—	0.97	—	—	—	E0.03	0.31	—
	03/20/2001	1500	—	—	—	—	—	—	—	—
	09/06/2001	1300	—	E0.09	—	—	—	—	E0.02	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	1,2,3,4-Tetramethylbenzene (49999)	Isodurene (50000)	1,2,3-Trichlorobenzene (77613)	1,2,3-Trichloropropane (77443)	1,2,3-Trimethylbenzene (77221)	1,2,4-Trichlorobenzene (34551)	1,2,4-Trimethylbenzene (77222)	1,2-Dibromo-3-chloropropane (82625)	1,2-Dibromoethane (77651)	1,2-Dichlorobenzene (34536)	1,2-Dichloroethane (32103)
[LRL]	[0.2]	[0.2]	[0.3]	[0.16]	[0.1]	[0.2]	[0.06]	[0.2]	[0.04]	[0.05]	[0.1]
SWR near pump tower	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	1,2,3,4-Tetramethylbenzene (49999)	Isodurene (50000)	1,2,3-Trichlorobenzene (77613)	1,2,3-Trichloropropane (77443)	1,2,3-Trimethylbenzene (77221)	1,2,4-Trichlorobenzene (34551)	1,2,4-Trimethylbenzene (77222)	1,2-Dibromo-3-chloropropane (82625)	1,2-Dibromoethane (77651)	1,2-Dichlorobenzene (34536)	1,2-Dichloroethane (32103)
[LRL]	[0.2]	[0.2]	[0.3]	[0.16]	[0.1]	[0.2]	[0.06]	[0.2]	[0.04]	[0.05]	[0.1]
SWR east end reservoir fill boundary	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	1,2,3,4-Tetramethylbenzene (49999)	Isodurene (50000)	1,2,3-Trichlorobenzene (77613)	1,2,3-Trichloropropane (77443)	1,2,3-Trimethylbenzene (77221)	1,2,4-Trichlorobenzene (34551)	1,2,4-Trimethylbenzene (77222)	1,2-Dibromo-3-chloropropane (82625)	1,2-Dibromoethane (77651)	1,2-Dichlorobenzene (34536)	1,2-Dichloroethane (32103)
[LRL]	[0.2]	[0.2]	[0.3]	[0.16]	[0.1]	[0.2]	[0.06]	[0.2]	[0.04]	[0.05]	[0.1]
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	1,2-Dichloropropane (34541)	1,3,5-Trimethylbenzene (77226)	1,3-Dichlorobenzene (34566)	1,3-Dichloropropane (77173)	1,4-Dichlorobenzene (34571)	2,2-Dichloropropane (77170)	2-Chlorotoluene (77275)	*o*-Ethyl toluene (77220)	3-Chloropropane (78109)	4-Chlorotoluene (77277)
[LRL]	[0.07]	[0.04]	[0.05]	[0.1]	[0.05]	[0.05]	[0.04]	[0.06]	[0.2]	[0.06]
SWR near pump tower	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	1,2-Dichloropropane (34541)	1,3,5-Trimethylbenzene (77226)	1,3-Dichlorobenzene (34566)	1,3-Dichloropropane (77173)	1,4-Dichlorobenzene (34571)	2,2-Dichloropropane (77170)	2-Chlorotoluene (77275)	*o*-Ethyl toluene (77220)	3-Chloropropane (78109)	4-Chlorotoluene (77277)
[LRL]	[0.07]	[0.04]	[0.05]	[0.1]	[0.05]	[0.05]	[0.04]	[0.06]	[0.2]	[0.06]
SWR east end reservoir fill boundary	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	1,2-Dichloropropane (34541)	1,3,5-Trimethylbenzene (77226)	1,3-Dichlorobenzene (34566)	1,3-Dichloropropane (77173)	1,4-Dichlorobenzene (34571)	2,2-Dichloropropane (77170)	2-Chlorotoluene (77275)	*o*-Ethyl toluene (77220)	3-Chloropropane (78109)	4-Chlorotoluene (77277)
[LRL]	[0.07]	[0.04]	[0.05]	[0.1]	[0.05]	[0.05]	[0.04]	[0.06]	[0.2]	[0.06]
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	4-Isopropyl-1-methylbenzene (isopropyltoluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromobenzene (81555)	Bromochloromethane (77297)	Bromodichloromethane (32101)	Bromoethene (50002)	Bromomethane (34413)	Carbon disulfide (77041)	Chlorobenzene (34301)
[LRL]	[0.07]	[7]	[1]	[0.04]	[0.04]	[0.04]	[0.05]	[0.1]	[0.3]	[0.07]	[0.03]
SWR near pump tower	—	—	—	—	—	—	1.07	—	—	—	—
	—	—	—	—	—	—	0.77	—	—	—	—
	—	—	—	E0.01	—	E0.05	—	—	—	E0.04	—
	—	—	—	—	—	—	0.13	—	—	—	—
	—	—	—	—	—	—	0.66	—	—	—	—
	—	—	—	E0.01	—	—	0.53	—	—	—	—
	—	—	—	—	—	—	0.13	—	—	—	—
	—	—	—	E0.01	—	—	0.22	—	—	—	—
	—	—	—	—	—	E0.02	E0.03	—	—	—	—
	—	—	—	—	—	—	0.10	—	—	E0.01	—
	—	—	—	—	—	0.10	0.15	—	—	—	—
SWR center of minimum pool	—	—	—	E0.01	—	—	0.32	—	—	—	—
	—	—	—	—	—	—	0.13	—	—	—	—
	—	—	—	—	—	E0.08	—	—	—	—	—
	—	—	—	—	—	—	0.10	—	—	—	—
	—	—	—	—	—	—	0.26	—	—	—	—
	—	—	—	E0.01	—	—	0.14	—	—	E0.02	—
	—	—	—	—	—	—	0.22	—	—	—	—
	—	—	—	—	—	0.16	E0.09	—	—	E0.02	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	4-Isopropyl-1-methylbenzene (isopropyltoluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromobenzene (81555)	Bromochloromethane (77297)	Bromodichloromethane (32101)	Bromoethene (50002)	Bromomethane (34413)	Carbon disulfide (77041)	Chlorobenzene (34301)
[LRL]	[0.07]	[7]	[1]	[0.04]	[0.04]	[0.04]	[0.05]	[0.1]	[0.3]	[0.07]	[0.03]
SWR east end reservoir fill boundary	—	—	—	—	—	—	0.25	—	—	—	—
	—	—	—	—	—	—	E0.06	—	—	—	—
	—	—	—	—	—	—	0.14	—	—	—	—
	—	—	—	E0.01	—	—	0.12	—	—	—	—
	—	—	—	M	—	—	E0.03	—	—	—	—
	—	—	—	—	—	—	—	—	—	E0.02	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	E0.01	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	E0.01	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	E5.2	—	E0.01	—	—	—	—	—	E0.02	—
	—	—	—	—	—	—	—	—	—	E0.13	—
	—	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	4-Isopropyl-1-methylbenzene (isopropyltoluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromobenzene (81555)	Bromochloromethane (77297)	Bromodichloromethane (32101)	Bromoethene (50002)	Bromomethane (34413)	Carbon disulfide (77041)	Chlorobenzene (34301)
[LRL]	[0.07]	[7]	[1]	[0.04]	[0.04]	[0.04]	[0.05]	[0.1]	[0.3]	[0.07]	[0.03]
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	E0.03	—
	—	—	—	—	—	—	—	—	—	E0.09	—
	—	—	—	—	—	—	—	—	—	E0.08	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	E0.06	—
	—	—	—	—	—	—	—	—	—	E0.08	—
Perdue Treatment Plant—finished water at SWR	—	7.1	—	—	—	—	18.7	—	—	—	E0.01
	—	E5.5	—	—	—	—	41.1	—	—	E0.04	—
	—	—	—	—	—	—	E46.3	—	—	—	—
	—	13	—	E0.01	—	E0.09	62.9	—	—	E0.03	—
	—	E4.0	—	E0.02	—	—	21.6	—	—	E0.03	—
	—	E5.4	—	—	—	—	4.67	—	—	—	—
	—	—	—	—	—	—	27.5	—	—	—	—
	—	—	—	—	—	—	66.6	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	E0.08	—	—	—	—
	—	—	—	—	—	—	0.10	—	—	—	—
	—	—	—	—	—	—	0.22	—	—	—	—
	—	—	—	—	—	—	0.17	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Chloro-ethane (34311)	Chloro-methane (34418)	*cis*-1,2-Dichloro-ethylene (77093)	*cis*-1,3-Dichloro-propene (34704)	Dibro-mochloro-methane (32105)	Dibro-mometh-ane (30217)	Dichloro-difluoro-methane (34668)	Dichlo-rometh-ane (34423)	Diethyl ether (81576)	Diiso-propyl ether (81577)	Ethyl methacry-late (73570)	2-Buta-none (81595)
[LRL]	[0.1]	[0.5]	[0.04]	[0.09]	[0.2]	[0.05]	[0.27]	[0.4]	[0.2]	[0.1]	[0.2]	[1.6]
SWR near pump tower	—	—	—	—	0.9	—	—	—	—	—	—	—
	—	—	—	—	0.6	—	—	M	—	—	—	—
	—	—	—	—	—	—	—	E0.1	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	M	—	—	0.7	—	—	—	—	—	—	—
	—	—	—	—	0.4	—	—	M	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	—	—	—	0.2	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	M	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	E0.1	—	—	—	—
SWR center of minimum pool	—	—	—	—	0.3	—	—	—	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	E0.1	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	M	—	—	0.3	—	—	—	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	—	—	—	0.2	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	E0.1	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Chloro-ethane (34311)	Chloro-methane (34418)	*cis*-1,2-Dichloro-ethylene (77093)	*cis*-1,3-Dichloro-propene (34704)	Dibro-mochloro-methane (32105)	Dibro-mometh-ane (30217)	Dichloro-difluoro-methane (34668)	Dichlo-rometh-ane (34423)	Diethyl ether (81576)	Diiso-propyl ether (81577)	Ethyl methacry-late (73570)	2-Buta-none (81595)
[LRL]	[0.1]	[0.5]	[0.04]	[0.09]	[0.2]	[0.05]	[0.27]	[0.4]	[0.2]	[0.1]	[0.2]	[1.6]
SWR east end reservoir fill boundary	—	—	—	—	0.3	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.2	—	—	—	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	—	—	—	M	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Chloro-ethane (34311)	Chloro-methane (34418)	*cis*-1,2-Dichloro-ethylene (77093)	*cis*-1,3-Dichloro-propene (34704)	Dibro-mochloro-methane (32105)	Dibro-mometh-ane (30217)	Dichloro-difluoro-methane (34668)	Dichlo-rometh-ane (34423)	Diethyl ether (81576)	Diiso-propyl ether (81577)	Ethyl methacry-late (73570)	2-Buta-none (81595)
[LRL]	[0.1]	[0.5]	[0.04]	[0.09]	[0.2]	[0.05]	[0.27]	[0.4]	[0.2]	[0.1]	[0.2]	[1.6]
Sweetwater River at low-flow diversion above SWR	—	—	E0.05	—	—	—	—	—	—	—	—	—
	—	—	E0.02	—	—	—	E0.03	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	E0.04	—	—	—	E0.08	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	E0.06	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	E0.3	—	—	13.7	—	—	E0.1	—	—	—	—
	—	E0.2	—	—	36.6	—	—	M	—	—	—	—
	—	E0.2	—	—	E46.7	—	—	E0.2	—	—	—	—
	E0.1	E0.4	—	—	60.1	—	—	E0.3	—	—	—	—
	—	E0.1	—	—	22.2	—	—	—	—	—	—	—
	—	E0.2	—	—	3.1	—	—	—	—	—	—	—
	—	E0.1	—	—	31.0	—	—	—	—	—	—	—
	—	E0.3	—	—	61.1	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.1	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Ethyl-benzene (34371)	Hexachloro-butadiene (39702)	Hexachloro-ethane (34396)	Methyl iodide (77424)	4-Methyl-2-pentanone (78133)	Isopropyl-benzene (77223)	Ethyl acry-lonitrile (81593)	Methyl acrylate (49991)	Methyl meth-acrylate (81597)	*tert*-Pentyl methyl ether (50005)
[LRL]	[0.03]	[0.1]	[0.2]	[0.12]	[0.4]	[0.03]	[0.6]	[1.4]	[0.3]	[0.11]
SWR near pump tower	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Ethyl-benzene (34371)	Hexachloro-butadiene (39702)	Hexachloro-ethane (34396)	Methyl iodide (77424)	4-Methyl-2-pentanone (78133)	Isopropyl-benzene (77223)	Ethyl acry-lonitrile (81593)	Methyl acrylate (49991)	Methyl meth-acrylate (81597)	*tert*-Pentyl methyl ether (50005)
[LRL]	[0.03]	[0.1]	[0.2]	[0.12]	[0.4]	[0.03]	[0.6]	[1.4]	[0.3]	[0.11]
SWR east end reservoir fill boundary	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Ethyl-benzene (34371)	Hexachloro-butadiene (39702)	Hexachloro-ethane (34396)	Methyl iodide (77424)	4-Methyl-2-pentanone (78133)	Isopropyl-benzene (77223)	Ethyl acry-lonitrile (81593)	Methyl acrylate (49991)	Methyl meth-acrylate (81597)	*tert*-Pentyl methyl ether (50005)
[LRL]	[0.03]	[0.1]	[0.2]	[0.12]	[0.4]	[0.03]	[0.6]	[1.4]	[0.3]	[0.11]
Sweetwater River at low-flow diversion above SWR	E0.01	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	*m*- and *p*-Xylene (85795)	Naphthalene (34696)	2-Hexanone (77103)	*n*-Butylbenzene (77342)	*n*-Propylbenzene (77224)	*o*-Xylene (77135)	*sec*-Butylbenzene (77350)	Styrene (77128)	Ethyl *tert*-butyl ether (50004)	Methyl *tert*-butyl ether (MTBE) (78032)
[LRL]	[0.06]	[0.2]	[0.7]	[0.2]	[0.04]	[0.04]	[0.04]	[0.03]	[0.04]	[0.05]
SWR near pump tower	—	—	—	—	—	—	—	—	—	0.3
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	M
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	M
	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	*m*- and *p*-Xylene (85795)	Naphthalene (34696)	2-Hexanone (77103)	*n*-Butylbenzene (77342)	*n*-Propylbenzene (77224)	*o*-Xylene (77135)	*sec*-Butylbenzene (77350)	Styrene (77128)	Ethyl *tert*-butyl ether (50004)	Methyl *tert*-butyl ether (MTBE) (78032)
[LRL]	[0.06]	[0.2]	[0.7]	[0.2]	[0.04]	[0.04]	[0.04]	[0.03]	[0.04]	[0.05]
SWR east end reservoir fill boundary	—	—	—	—	—	—	—	—	—	0.3
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	E0.1
	E0.02	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	M
	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	0.3
	—	—	—	—	—	—	—	—	—	0.3
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	E0.2
	—	—	—	—	—	—	—	—	—	E0.1
	E0.02	—	—	—	—	—	—	—	—	M
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	*m*- and *p*-Xylene (85795)	Naphthalene (34696)	2-Hexanone (77103)	*n*-Butylbenzene (77342)	*n*-Propylbenzene (77224)	*o*-Xylene (77135)	*sec*-Butylbenzene (77350)	Styrene (77128)	Ethyl *tert*-butyl ether (50004)	Methyl *tert*-butyl ether (MTBE) (78032)
[LRL]	[0.06]	[0.2]	[0.7]	[0.2]	[0.04]	[0.04]	[0.04]	[0.03]	[0.04]	[0.05]
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	0.11	—	0.4
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	E0.01	—	E0.1
	—	—	—	—	—	—	—	0.18	—	0.3
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	E0.03	—	M
	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	—	—	—	0.8
	—	—	—	—	—	—	—	—	—	E0.1
	—	—	—	—	—	—	—	8.9	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	0.4
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	0.2
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	1.2
	—	—	—	—	—	—	—	—	—	0.2
	—	—	—	—	—	—	—	—	—	0.5
	—	—	—	—	—	—	—	—	—	1.0

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	*tert*-Butylbenzene (77353)	Tetrachloroethylene (34475)	Tetrachloromethane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	*trans*-1,2-Dichloroethylene (34546)	*trans*-1,3-Dichloropropene (34699)	*trans*-1,4-Dichloro-2-butene (73547)	Bromoform (32104)
[LRL]	[0.2]	[0.06]	[0.1]	[0.06]	[2]	[0.05]	[0.03]	[0.09]	[0.7]
SWR near pump tower	—	—	—	—	E0.04	—	—	—	0.16
	—	—	—	—	—	—	—	—	E0.10
	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	0.17
	—	—	—	—	E0.03	—	—	—	0.12
	—	—	—	—	E0.04	—	—	—	—
	—	—	—	—	E0.03	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	E0.04
	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	E0.04	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.02	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	E0.06
	—	—	—	—	E0.02	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.06	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	*tert*-Butylbenzene (77353)	Tetrachloroethylene (34475)	Tetrachloromethane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	*trans*-1,2-Dichloroethylene (34546)	*trans*-1,3-Dichloropropene (34699)	*trans*-1,4-Dichloro-2-butene (73547)	Bromoform (32104)
[LRL]	[0.2]	[0.06]	[0.1]	[0.06]	[2]	[0.05]	[0.03]	[0.09]	[0.7]
SWR east end reservoir fill boundary	—	—	—	—	E0.04	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.04	—	—	—	—
	—	—	—	—	E0.03	—	—	—	—
	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.04	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.03	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.02	—	—	—	—
	—	—	—	—	E0.04	—	—	—	—
	—	—	—	—	E0.05	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—								

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	*tert*-Butylbenzene (77353)	Tetrachloroethylene (34475)	Tetrachloromethane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	*trans*-1,2-Dichloroethylene (34546)	*trans*-1,3-Dichloropropene (34699)	*trans*-1,4-Dichloro-2-butene (73547)	Bromoform (32104)
[LRL]	[0.2]	[0.06]	[0.1]	[0.06]	[2]	[0.05]	[0.03]	[0.09]	[0.7]
Sweetwater River at low-flow diversion at SWR	—	—	—	—	E0.09	—	—	—	—
	—	—	—	—	E0.02	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.02	—	—	—	—
	—	E0.01	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.06	—	—	—	—
	—	—	—	—	E0.07	—	—	—	—
		—	—	—	—	—	—	—	—
	—								
Perdue Treatment Plant—finished water at SWR	—	—	E0.07	—	—	—	—	—	1.36
	—	—	E0.05	—	—	—	—	—	6.01
	—	—	E0.04	—	—	—	—	—	—
	—	E0.01	E0.08	—	—	—	—	—	11.5
	—	—	E0.06	—	E0.03	—	—	—	7.08
	—	—	E0.04	—	E0.03	—	—	—	0.50
	—	—	E0.06	—	E0.03	—	—	—	7.48
		E0.01	E0.06	—	—	—	—	—	8.79
	—								
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—
	—	—	—	—	E0.03	—	—	—	—
		—	—	—	—	—	—	—	—

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Trichloro-ethylene (39180)	Trichlorofluoro-methane (34488)	Chloroform (32106)	Vinyl chloride (39175)	1,4-Bromofluoro-benzene (surrogate) (percent)	1,2-Dichloro-ethane-d4 (surrogate) (percent)	Toluene-d8 (surrogate) (percent)
[LRL]	[0.06]	[0.04]	[0.09]	[0.05]			
SWR near pump tower	—	—	1.14	—	110	98.9	103
	—	—	0.58	—	118	69.0	93.3
	—	—	0.21	—	105	121	110
	—	—	E0.09	—	104	119	109
	—	—	0.51	—	100	108	98.1
	—	—	0.35	—	95.4	104	99.3
	—	—	0.14	—	111	87.4	98.3
	—	—	0.24	—	110	88.2	98.5
	—	—	0.16	—	106	83.7	97.0
	—	—	E0.08	—	104	81.0	97.9
	—	—	0.66	—	111	88.4	98.9
SWR center of minimum pool	—	—	0.38	—	101	106	103
	—	—	0.14	—	118	68.3	92.2
	—	—	0.24	—	123	75.2	101
	—	—	E0.08	—	128	73.5	102
	—	—	0.25	—	101	107	101
	—	—	0.12	—	99.7	105	100
	—	—	0.21	—	109	84.9	98.2
	—	—	0.41	—	108	95.4	102

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Trichloro-ethylene (39180)	Trichlorofluoro-methane (34488)	Chloroform (32106)	Vinyl chloride (39175)	1,4-Bromofluoro-benzene (surrogate) (percent)	1,2-Dichloro-ethane-d4 (surrogate) (percent)	Toluene-d8 (surrogate) (percent)
[LRL]	[0.06]	[0.04]	[0.09]	[0.05]			
SWR east end reservoir fill boundary	—	—	0.33	—	109	99.1	105
	—	—	E0.06	—	124	77.3	101
	—	—	0.16	—	98.4	90.1	95.3
	—	—	0.12	—	108	89.0	97.8
	—	—	E0.03	—	105	83.2	98.1
	—	—	E0.06	—	109	91.8	96.3
Loveland reservoir near dam	—	—	E0.18	—	108	105	106
	—	—	—	—	107	102	105
	—	—	—	—	119	69.5	93.1
	—	—	—	—	121	69.0	93.6
	—	—	—	—	122	75.7	98.9
	—	—	—	—	121	76.2	100
	—	—	—	—	102	90.2	97.2
	—	—	—	—	106	92.0	99.3
	—	—	—	—	93.5	103	101
	—	—	—	—	113	86.7	97.2
	—	—	—	—	105	84.1	96.8
	—	—	—	—	106	82.6	98.1
	—	—	E0.16	—	107	87.3	96.0
	—	—	—	—	101	85.0	95.9

Table 3. Analytical results for selected volatile organic compounds in whole water using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 in Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale; the five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property; concentrations are given in micrograms per liter (µg/L) unless noted; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level; E, estimated value; LRL, laboratory reporting level; M, compound measureable but not quantifiable]

Site name	Trichloro-ethylene (39180)	Trichlorofluoro-methane (34488)	Chloroform (32106)	Vinyl chloride (39175)	1,4-Bromofluoro-benzene (surrogate) (percent)	1,2-Dichloro-ethane-d4 (surrogate) (percent)	Toluene-d8 (surrogate) (percent)
[LRL]	[0.06]	[0.04]	[0.09]	[0.05]			
Sweetwater River at low-flow diversion above SWR	0.11	—	E0.01	—	106	107	107
	E0.02	—	—	—	123	68.5	93.4
	E0.03	—	—	—	129	76.1	101
	E0.01	—	—	—	107	93.0	98.7
	E0.09	—	—	—	101	105	101
	E0.03	—	—	—	109	87.4	97.0
	E0.04	—	—	—	105	90.2	97.8
	—	—	E0.04	—	109	89.3	99.3
Perdue Treatment Plant—finished water at SWR	—	—	16.7	—	107	95.2	90.9
	—	—	20.4	—	116	69.3	83.7
	—	—	E22.2	—	135	74.7	102
	—	—	42	—	98.4	88.9	82.9
	—	—	11.3	—	98.7	99.8	96.7
	—	—	4.12	—	124	75.2	87.8
	—	—	11.7	—	121	77.9	97.7
	—	—	44.8	—	111	81.9	85.8
Perdue Treatment Plant—imported raw water at SWR	—	—	0.17	—	111	100	105
	—	—	0.35	—	107	93.2	97.9
	—	—	0.35	—	112	86.0	100
	—	—	0.31	—	103	88.9	94.8

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	2,6-Diethyl-aniline (82660)	Acetochlor (49260)	Alachlor (46342)	α-HCH (34253)	Atrazine (39632)	Azinphos-methyl (82686)	Benfluralin (82673)	Butylate (04028)
[LRL]			[0.003]	[0.002]	[0.002]	[0.002]	[0.001]	[0.001]	[0.002]	[0.002]
SWR near pump tower	11/29/1999	1300	—	—	—	—	—	—	—	—
	03/13/2000	1220	—	—	—	—	—	—	—	—
	06/12/2000	1140	—	—	—	—	—	—	—	—
	06/12/2000	1150	—	—	—	—	—	—	—	—
	09/05/2000	1150	—	—	—	—	—	—	—	—
	12/04/2000	1220	—	—	—	—	—	—	—	—
	03/20/2001	1240	—	—	—	—	E0.002	—	—	—
	03/20/2001	1250	—	—	—	—	E0.002	—	—	—
	06/06/2001	1010	—	—	—	—	—	—	—	—
	06/06/2001	1020	—	—	—	—	—	—	—	—
	09/06/2001	0940	—	—	—	—	—	—	—	—
SWR center of minimum pool	11/29/1999	1330	—	—	—	—	—	—	—	—
	03/13/2000	1300	—	—	—	—	—	—	—	—
	06/12/2000	1250	—	—	—	—	—	—	—	—
	09/05/2000	1240	—	—	—	—	—	—	—	—
	12/04/2000	1250	—	—	—	—	—	—	—	—
	03/20/2001	1330	—	—	—	—	E0.002	—	—	—
	09/06/2001	1020	—	—	—	—	—	—	—	—
SWR east end reservoir-fill boundary	11/29/1999	1400	—	—	—	—	—	—	—	—
	03/13/2000	1320	—	—	—	—	—	—	—	—
	06/12/2000	1340	—	—	—	—	—	—	—	—
	09/05/2000	1300	—	—	—	—	—	—	—	—
	06/06/2001	1040	—	—	—	—	—	—	—	—
	09/06/2001	1050	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (μg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	2,6-Diethyl-aniline (82660)	Acetochlor (49260)	Alachlor (46342)	α-HCH (34253)	Atrazine (39632)	Azinphos-methyl (82686)	Benfluralin (82673)	Butylate (04028)
[LRL]			[0.003]	[0.002]	[0.002]	[0.002]	[0.001]	[0.001]	[0.002]	[0.002]
Loveland reservoir near dam	11/30/1999	1020	—	—	—	—	—	—	—	—
	11/30/1999	1030	—	—	—	—	—	—	—	—
	03/14/2000	1000	—	—	—	—	—	—	—	—
	03/14/2000	1020	—	—	—	—	—	—	—	—
	06/13/2000	1000	—	—	—	—	—	—	—	—
	09/06/2000	0950	—	—	—	—	—	—	—	—
	09/06/2000	1000	—	—	—	—	—	—	—	—
	12/05/2000	1020	—	—	—	—	—	—	—	—
	03/21/2001	1130	—	—	—	—	—	—	—	—
	06/05/2001	1130	—	—	—	—	—	—	—	—
	06/05/2001	1140	—	—	—	—	—	—	—	—
	09/06/2001	1440	—	—	—	—	—	—	—	—
	09/06/2001	1450	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion dam above SWR	11/29/1999	1630	—	—	—	—	—	—	—	—
	01/29/2000	0245	—	—	—	—	—	—	—	—
	01/29/2000	1445	—	—	—	—	—	—	—	—
	01/30/2000	0200	—	—	—	—	—	—	—	—
	01/30/2000	1405	—	—	—	—	—	—	—	—
	03/13/2000	1500	—	—	—	—	—	—	—	—
	06/12/2000	1630	—	—	—	—	—	—	—	—
	09/05/2000	1520	—	—	—	—	—	—	—	—
	12/04/2000	1420	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	2,6-Diethyl-aniline (82660)	Acetochlor (49260)	Alachlor (46342)	α-HCH (34253)	Atrazine (39632)	Azinphos-methyl (82686)	Benfluralin (82673)	Butylate (04028)
[LRL]			[0.003]	[0.002]	[0.002]	[0.002]	[0.001]	[0.001]	[0.002]	[0.002]
	03/20/2001	1600	—	—	—	—	—	—	—	—
	06/05/2001	1500	—	—	—	—	—	—	—	—
	09/06/2001	1615	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	11/29/1999	1530	—	—	—	—	—	—	—	—
	03/13/2000	1600	—	—	—	—	—	—	—	—
	06/12/2000	1710	—	—	—	—	—	—	—	—
	09/05/2000	1400	—	—	—	—	—	—	—	—
	12/04/2000	1510	—	—	—	—	—	—	—	—
	03/20/2001	1430	—	—	—	—	E0.003	—	—	—
	06/05/2001	1420	—	—	—	—	—	—	—	—
	09/06/2001	1230	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	11/29/1999	1620	—	—	—	—	0.005	—	—	—
	09/05/2000	1600	—	—	—	—	—	—	—	—
	03/20/2001	1500	—	—	—	—	E0.003	—	—	—
	09/06/2001	1300	—	—	—	—	0.007	—	—	—
SWR below Steel Canyon Bridge	01/29/2000	1000	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Carbaryl (82680)	Carbofuran (82674)	Chlorpyrifos (38933)	Cyanazine (04041)	DCPA (Dacthal) (82682)	Deethylatrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethalfluralin (82663)
[LRL]	[0.003]	[0.003]	[0.004]	[0.004]	[0.002]	[0.002]	[0.002]	[0.001]	[0.02]	[0.002]	[0.004]
SWR near pump tower	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	0.007	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	0.007	—	—	—	—
	—	—	—	—	—	—	0.005	—	—	—	—
	—	—	—	—	—	—	E0.002	—	—	—	—
	—	—	—	—	—	—	0.006	—	—	—	—
	—	—	—	—	—	—	0.006	—	—	—	—
	—	—	—	—	—	—	0.006	—	—	—	—
	—	—	—	—	—	—	E0.004	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	0.007	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	E0.002	—	—	—	—
	—	—	—	—	—	—	0.006	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
SWR east end reservoir fill boundary	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	0.009	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Carbaryl (82680)	Carbofuran (82674)	Chlorpyrifos (38933)	Cyanazine (04041)	DCPA (Dacthal) (82682)	Deethylatrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethalfluralin (82663)
[LRL]	[0.003]	[0.003]	[0.004]	[0.004]	[0.002]	[0.002]	[0.002]	[0.001]	[0.02]	[0.002]	[0.004]
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	0.005	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	E0.003	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Carbaryl (82680)	Carbofuran (82674)	Chlorpyrifos (38933)	Cyanazine (04041)	DCPA (Dacthal) (82682)	Deethylatrazine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethalfluralin (82663)
[LRL]	[0.003]	[0.003]	[0.004]	[0.004]	[0.002]	[0.002]	[0.002]	[0.001]	[0.02]	[0.002]	[0.004]
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	E0.002	—	—	—	—
	—	—	—	—	—	—	E0.004	—	—	—	—
	—	—	—	—	—	—	E0.004	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.001	—	E0.001	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.001	—	E0.002	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
SWR below Steel Canyon Bridge	—	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Ethoprop (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)	Malathion (39532)	Metolachlor (39415)	Metribuzin (82630)	Molinate (82671)	Napropamide (82684)	*p,p'*-DDE (34653)	Parathion (39542)	Parathion-methyl (82667)
[LRL]	[0.003]	[0.003]	[0.004]	[0.002]	[0.005]	[0.002]	[0.004]	[0.004]	[0.003]	[0.006]	[0.004]	[0.006]
SWR near pump tower	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	E0.003	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Ethoprop (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)	Malathion (39532)	Metola-chlor (39415)	Metribuzin (82630)	Molinate (82671)	Naprop-amide (82684)	*p,p'*-DDE (34653)	Parathion (39542)	Parathion-methyl (82667)
[LRL]	[0.003]	[0.003]	[0.004]	[0.002]	[0.005]	[0.002]	[0.004]	[0.004]	[0.003]	[0.006]	[0.004]	[0.006]
SWR east end reservoir fill boundary	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Ethoprop (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)	Malathion (39532)	Metolachlor (39415)	Metribuzin (82630)	Molinate (82671)	Napropamide (82684)	*p,p'*-DDE (34653)	Parathion (39542)	Parathion-methyl (82667)
[LRL]	[0.003]	[0.003]	[0.004]	[0.002]	[0.005]	[0.002]	[0.004]	[0.004]	[0.003]	[0.006]	[0.004]	[0.006]
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	0.005	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	E0.003	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Ethoprop (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)	Malathion (39532)	Metolachlor (39415)	Metribuzin (82630)	Molinate (82671)	Napropamide (82684)	*p,p'*-DDE (34653)	Parathion (39542)	Parathion-methyl (82667)
[LRL]	[0.003]	[0.003]	[0.004]	[0.002]	[0.005]	[0.002]	[0.004]	[0.004]	[0.003]	[0.006]	[0.004]	[0.006]
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	0.005	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	E0.003	—	—	—	—	—	—
	—	—	—	—	—	E0.006	—	—	—	—	—	—
SWR near Cottonwood Golf Course	—	—	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Pebulate (82669)	Pendi-methalin (82683)	*cis*-Perme-thrin (82687)	Phorate (82664)	Prometon (04037)	Pronamide (82676)	Propachlor (04024)	Propanil (82679)	Propargite (82685)	Simazine (04035)
[LRL]	[0.004]	[0.004]	[0.005]	[0.002]	[0.02]	[0.003]	[0.007]	[0.004]	[0.01]	[0.005]
SWR near pump tower	—	—	—	—	E0.01	—	—	—	—	0.015
	—	—	—	—	E0.01	—	—	—	—	0.018
	—	—	—	—	E0.01	—	—	—	—	0.014
	—	—	—	—	—	—	—	—	—	0.014
	—	—	—	—	E0.01	—	—	—	—	0.012
	—	—	—	—	E0.01	—	—	—	—	0.011
	—	—	—	—	E0.01	—	—	—	—	E0.007
	—	—	—	—	E0.01	—	—	—	—	E0.006
	—	—	—	—	E0.01	—	—	—	—	E0.005
	—	—	—	—	E0.01	—	—	—	—	E0.006
	—	—	—	—	E0.01	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	E0.01	—	—	—	—	0.018
	—	—	—	—	E0.01	—	—	—	—	0.019
	—	—	—	—	—	—	—	—	—	0.013
	—	—	—	—	—	—	—	—	—	0.014
	—	—	—	—	M	—	—	—	—	E0.009
	—	—	—	—	E0.01	—	—	—	—	E0.006
	—	—	—	—	E0.01	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Pebulate (82669)	Pendi-methalin (82683)	*cis*-Perme-thrin (82687)	Phorate (82664)	Prometon (04037)	Pronamide (82676)	Propachlor (04024)	Propanil (82679)	Propargite (82685)	Simazine (04035)
[LRL]	[0.004]	[0.004]	[0.005]	[0.002]	[0.02]	[0.003]	[0.007]	[0.004]	[0.01]	[0.005]
SWR east end reservoir fill boundary	—	—	—	—	E0.01	—	—	—	—	0.017
	—	—	—	—	E0.01	—	—	—	—	0.019
	—	—	—	—	—	—	—	—	—	0.014
	—	—	—	—	—	—	—	—	—	0.013
	—	—	—	—	E0.01	—	—	—	—	E0.005
	—	—	—	—	E0.01	—	—	—	—	—
Loveland reservoir near dam	—	—	—	—	M	—	—	—	—	0.018
	—	—	—	—	M	—	—	—	—	0.016
	—	—	—	—	M	—	—	—	—	0.012
	—	—	—	—	M	—	—	—	—	0.013
	—	—	—	—	—	—	—	—	—	0.009
	—	—	—	—	—	—	—	—	—	0.012
	—	—	—	—	—	—	—	—	—	0.012
	—	—	—	—	M	—	—	—	—	E0.006
	—	—	—	—	M	—	—	—	—	E0.007
	—	—	—	—	—	—	—	—	—	E0.008
	—	—	—	—	M	—	—	—	—	E0.009
	—	—	—	—	E0.01	—	—	—	—	E0.01
	—	—	—	—	M	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Pebulate (82669)	Pendi-methalin (82683)	*cis*-Perme-thrin (82687)	Phorate (82664)	Prometon (04037)	Pronamide (82676)	Propachlor (04024)	Propanil (82679)	Propargite (82685)	Simazine (04035)
[LRL]	[0.004]	[0.004]	[0.005]	[0.002]	[0.02]	[0.003]	[0.007]	[0.004]	[0.01]	[0.005]
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	E0.01	—	—	—	—	0.007
	—	—	—	—	E0.01	—	—	—	—	0.008
	—	—	—	—	E0.01	—	—	—	—	0.009
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—	0.012
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	M	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—	E0.005
	—	—	—	—	0.02	—	—	—	—	E0.008
	—	—	—	—	E0.01	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—	—
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	E0.01	—	—	—	—	0.017
	—	—	—	—	—	—	—	—	—	0.012
	—	—	—	—	—	—	—	—	—	0.014
	—	—	—	—	E0.01	—	—	—	—	E0.009
	—	—	—	—	M	—	—	—	—	E0.005
	—	—	—	—	E0.01	—	—	—	—	E0.006
	—	—	—	—	E0.01	—	—	—	—	E0.007

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Pebulate (82669)	Pendi-methalin (82683)	*cis*-Perme-thrin (82687)	Phorate (82664)	Prometon (04037)	Pronamide (82676)	Propachlor (04024)	Propanil (82679)	Propargite (82685)	Simazine (04035)
[LRL]	[0.004]	[0.004]	[0.005]	[0.002]	[0.02]	[0.003]	[0.007]	[0.004]	[0.01]	[0.005]
Perdue Treatment	—	—	—	—	—	—	—	—	—	0.008
Plant—imported raw	—	—	—	—	—	—	—	—	—	0.01
water at SWR	—	—	—	—	M	—	—	—	—	E0.006
	—	—	—	—	—	—	—	—	—	E0.008
SWR near Cottonwood Golf Course	—	—	—	—	—	—	—	—	—	—

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Tebuthiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thiobencarb (82681)	Triallate (82678)	Trifluralin (82661)	Diazinon-d10 (surrogate) (91063)	α-HCH-d6 (surrogate) (91065)
[LRL]	[0.01]	[0.007]	[0.01]	[0.002]	[0.001]	[0.002]	[percent]	[percent]
SWR near pump tower	—	—	—	—	—	—	98.7	102
	E0.01	—	—	—	—	—	101	89.1
	—	—	—	—	—	—	108	95.8
	—	—	—	—	—	—	114	92.1
	—	—	—	—	—	—	99.5	89.3
	M	—	—	—	—	—	116	105
	E0.01	—	—	—	—	—	117	109
	M	—	—	—	—	—	89.5	86.0
	E0.01	—	—	—	—	—	114	88.8
	—	—	—	—	—	—	95.8	91.6
	—	—	—	—	—	—	111	94.0
SWR center of minimum pool	—	—	—	—	—	—	107	109
	—	—	—	—	—	—	104	92.1
	—	—	—	—	—	—	108	82.2
	—	—	—	—	—	—	102	99.7
	E0.01	—	—	—	—	—	92.2	85.1
	M	—	—	—	—	—	85.6	82.3
	M	—	—	—	—	—	102	87.0

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Tebuthiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thiobencarb (82681)	Triallate (82678)	Trifluralin (82661)	Diazinon-d10 (surrogate) (91063)	α-HCH-d6 (surrogate) (91065)
[LRL]	[0.01]	[0.007]	[0.01]	[0.002]	[0.001]	[0.002]	[percent]	[percent]
SWR east end reservoir fill boundary	—	—	—	—	—	—	107	112
	—	—	—	—	—	—	105	95.2
	—	—	—	—	—	—	ND	ND
	—	—	—	—	—	—	101	95.9
	E0.01	—	—	—	—	—	104	96.5
	—	—	—	—	—	—	111	99.1
Loveland reservoir near dam	—	—	—	—	—	—	112	113
	—	—	—	—	—	—	100	102
	—	—	—	—	—	—	104	89.5
	—	—	—	—	—	—	103	90.0
	—	—	—	—	—	—	109	83.1
	—	—	—	—	—	—	101	97.2
	—	—	—	—	—	—	102	97.7
	—	—	—	—	—	—	112	92.5
	—	—	—	—	—	—	84.1	83.9
	—	—	—	—	—	—	94.2	88.4
	—	—	—	—	—	—	100	93.7
	—	—	—	—	—	—	113	103
	—	—	—	—	—	—	110	99.1

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Tebuthiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thiobencarb (82681)	Triallate (82678)	Trifluralin (82661)	Diazinon-d10 (surrogate) (91063)	α-HCH-d6 (surrogate) (91065)
[LRL]	[0.01]	[0.007]	[0.01]	[0.002]	[0.001]	[0.002]	[percent]	[percent]
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	105	108
	0.01	—	—	—	—	—	96.5	93.5
	—	—	—	—	—	—	109	91.7
	—	—	—	—	—	—	111	90.5
	—	—	—	—	—	—	103	84.7
	0.01	—	—	—	—	—	99.5	85.0
	—	—	—	—	—	—	91.6	81.5
	—	—	—	—	—	—	109	98.5
	E0.01	—	—	—	—	—	109	96.3
	0.02	—	—	—	—	—	115	110
	E0.01	—	—	—	—	—	114	93.7
	E0.01	—	—	—	—	—	109	94.5
Perdue Treatment Plant—finished water at SWR	—	—	—	—	—	—	0.0	99.7
	E0.01	—	—	—	—	—	88.0	97.3
	—	—	—	—	—	—	91.9	81.7
	—	—	—	—	—	—	0.0	99.9
	—	—	—	—	—	—	117	99.8
	—	—	—	—	—	—	87.5	84.6
	E0.01	—	—	—	—	—	91.1	88.4
	—	—	—	—	—	—	0.0	97.4

Table 4. Analytical results for pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[See table 1 for site identification number. Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir: LRL, laboratory reporting level; E, estimated value; M, compound measured below detection limit but not quantifiable; ND, no data; all values are reported as micrograms per liter (µg/L) unless noted; —, compound not detected at a concentration above laboratory reporting level]

Site name	Tebuthiuron (82670)	Terbacil (82665)	Terbufos (82675)	Thiobencarb (82681)	Triallate (82678)	Trifluralin (82661)	Diazinon-d10 (surrogate) (91063)	α-HCH-d6 (surrogate) (91065)
[LRL]	[0.01]	[0.007]	[0.01]	[0.002]	[0.001]	[0.002]	[percent]	[percent]
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	104	108
	—	—	—	—	—	—	108	92.0
	M	—	—	—	—	—	107	104
	—	—	—	—	—	—	110	96.4
SWR below Steel Canyon Bridge	—	—	—	—	—	—	110	90.7

Table 5A. Analytical results for volatile organic compounds with low breakthrough volumes in air for the Sweetwater Reservoir air sampling site, San Diego County, California.

[[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	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)
10/02/1999	0.664	—	—	—	—	—	E0.062
10/13/1999	0.638	—	—	—	—	—	E0.074
10/26/1999	0.763	—	—	—	—	—	E0.079
11/07/1999	0.575	—	—	—	—	—	E0.075
11/19/1999	0.642	E0.084	—	—	—	—	E0.066
12/13/1999	0.419	—	—	—	—	—	E0.054
12/13/1999	0.407	—	—	—	—	—	E0.048
12/25/1999	0.670	0.448	—	—	—	—	E0.076
01/06/2000	E0.709	—	—	0.126	—	—	E0.079
01/18/2000	1.56	E0.237	—	—	—	—	0.210
01/30/2000	0.546	—	—	—	—	—	—
02/11/2000	E0.614	0.777	—	2.49	—	—	E0.069
03/18/2000	0.379	—	—	—	—	—	E0.050
04/11/2000	0.726	—	—	—	—	—	E0.148
04/23/2000	0.802	—	—	—	—	—	E0.103
05/05/2000	0.789	—	—	—	—	—	E0.097
05/17/2000	0.709	—	—	—	—	—	E0.085
05/29/2000	0.493	—	—	—	—	—	E0.062
06/10/2000	0.714	E0.211	—	—	—	—	E0.077
06/29/2000	0.268	—	—	—	—	—	E0.065
07/11/2000	0.629	—	—	—	—	—	E0.074
07/23/2000	0.667	E0.291	—	—	—	—	E0.078
08/04/2000	0.505	0.603	—	—	3.65	—	E0.004
08/16/2000	0.952	—	—	—	—	—	E0.106
08/28/2000	NA	NA	NA	NA	NA	NA	NA
09/09/2000	0.769	—	—	—	—	—	E0.084
09/21/2000	1.27	—	—	—	—	—	E0.127
10/03/2000	1.40	—	—	—	—	—	E0.169
11/08/2000	1.24	—	—	—	—	—	E0.191
11/20/2000	1.14	—	—	—	—	—	E0.128
12/02/2000	0.800	E0.237	—	—	—	—	E0.096
12/14/2000	1.11	—	—	—	—	—	E0.137
12/26/2000	1.30	—	0.58	—	—	—	0.198
01/07/2001	NA	NA	NA	NA	NA	NA	NA

Table 5A. Analytical results for volatile organic compounds with low breakthrough volumes in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	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)
01/19/2001	NA	NA	NA	NA	NA	NA	NA
01/31/2001	1.04	—	1.87	—	—	—	E0.141
02/12/2001	0.601	—	—	—	—	—	E0.100
02/24/2001	0.661	—	—	—	—	—	E0.095
02/24/2001	0.460	—	—	—	—	—	E0.079
03/08/2001	0.304	—	—	—	—	—	E0.059
03/08/2001	0.477	—	—	—	—	—	E0.113
03/20/2001	0.987	—	—	—	—	—	E0.140
03/20/2001	0.931	—	—	—	—	—	E0.139
04/01/2001	0.939	—	—	—	—	—	E0.119
04/13/2001	1.22	—	—	—	—	—	E0.175
04/25/2001	0.895	—	—	—	—	—	E0.122
05/07/2001	1.13	—	—	—	—	—	E0.139
05/19/2001	0.962	—	—	—	—	—	E0.172
05/31/2001	1.14	—	—	—	—	—	0.209
05/31/2001	1.12	—	—	—	—	—	E0.181
06/12/2001	0.770	—	—	—	—	—	E0.150
06/24/2001	0.617	—	—	—	—	—	E0.167
07/05/2001	1.22	—	—	—	—	—	0.198
07/05/2001	1.75	—	—	—	—	—	0.201
07/16/2001	0.913	—	—	—	—	—	E0.113
08/08/2001	—	—	—	—	—	—	—
08/23/2001	NA	NA	NA	NA	NA	NA	NA
09/16/2001	0.087	—	—	—	—	—	E0.013
09/28/2001	1.09	—	—	—	—	—	E0.147

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Dibromo-methane	Bromo-dichloro-methane	Carbon tetra-chloride	1,2-Dichloro-ethane	Bromoform (Tribromo-methane)	Dibromo-chloro-methane	Chloroform (Trichloro-methane)	Toluene
10/02/1999	—	E0.010	E0.083	E0.003	—	E0.002	E0.025	2.04
10/13/1999	—	E0.015	E0.099	E0.005	—	—	E0.035	2.12
10/26/1999	—	—	E0.092	E0.004	—	—	E0.008	0.887
11/07/1999	—	—	E0.090	E0.004	—	—	E0.005	1.31
11/19/1999	—	—	E0.082	E0.006	—	—	E0.020	1.29
12/13/1999	—	—	E0.085	E0.006	—	—	E0.009	1.28
12/13/1999	—	—	E0.064	E0.005	—	—	E0.018	1.11
12/25/1999	—	—	E0.080	E0.006	—	—	E0.022	1.97
01/06/2000	—	—	E0.030	E0.003	—	—	E0.005	0.584
01/18/2000	—	—	—	—	—	—	—	E0.052
01/30/2000	—	—	E0.095	E0.002	—	—	E0.002	0.455
02/11/2000	—	—	E0.014	—	—	—	E0.002	0.438
03/18/2000	—	—	E0.015	—	—	—	—	0.219
04/11/2000	—	—	E0.113	E0.004	—	—	E0.002	0.353
04/23/2000	—	—	E0.128	E0.008	—	—	E0.011	0.596
05/05/2000	—	E0.003	E0.105	—	—	—	E0.016	0.600
05/17/2000	—	E0.003	E0.093	E0.004	—	—	E0.008	0.480
05/29/2000	—	E0.008	E0.130	E0.004	—	E0.004	E0.038	0.423
06/10/2000	—	E0.004	E0.140	—	—	E0.002	E0.026	0.309
06/29/2000	—	E0.025	E0.110	—	E0.005	E0.021	E0.022	0.737
07/11/2000	—	E0.010	E0.084	—	E0.004	E0.010	E0.012	0.809
07/23/2000	—	E0.011	E0.100	—	E0.004	E0.012	E0.009	1.25
08/04/2000	—	—	E0.115	—	—	—	E0.004	0.844
08/16/2000	—	E0.002	E0.157	—	—	—	E0.004	0.888
08/28/2000	—	E0.007	E0.169	E0.005	E0.002	E0.006	E0.015	0.465
09/09/2000	—	E0.008	E0.201	E0.006	E0.004	E0.006	E0.033	0.805
09/21/2000	—	—	E0.197	E0.009	—	—	—	2.73
10/03/2000	—	E0.014	0.351	E0.028	E0.010	E0.005	E0.064	2.44
11/08/2000	—	—	0.297	E0.026	E0.007	E0.009	0.120	3.60
11/20/2000	—	—	0.401	E0.047	—	—	0.105	3.85
12/02/2000	—	—	E0.216	E0.019	—	—	E0.050	4.62
12/14/2000	—	—	0.412	E0.034	—	—	0.086	4.75
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	—	—	E0.229	E0.016	—	—	E0.051	4.55
01/19/2001	—	—	E0.160	E0.010	—	—	E0.014	0.396

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Dibromo-methane	Bromo-dichloro-methane	Carbon tetra-chloride	1,2-Dichloro-ethane	Bromoform (Tribromo-methane)	Dibromo-chloro-methane	Chloroform (Trichloro-methane)	Toluene
01/31/2001	—	—	E0.134	E0.010	—	—	—	6.53
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/24/2001	—	—	E0.107	—	—	—	E0.010	0.547
02/24/2001	—	—	E0.135	E0.006	—	—	E0.025	0.813
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	—	E0.002	—	—	—	E0.035
04/01/2001	—	—	E0.132	E0.012	E0.001	—	E0.026	1.75
04/13/2001	—	—	—	—	—	—	—	0.104
04/13/2001	—	—	E0.129	E0.013	—	—	E0.014	1.37
04/25/2001	—	—	E0.120	E0.007	—	—	E0.015	0.336
05/07/2001	—	—	E0.203	E0.023	—	—	E0.031	0.455
05/19/2001	—	—	E0.002	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	E0.033	—	—	—	—	0.152
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	E0.212	—	—	—	E0.028	0.858
09/16/2001	—	E0.009	E0.020	—	—	E0.004	E0.026	0.445
09/28/2001	—	—	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Benzene	2-Propene-nitrile (Acrylonitrile)	Chloro-benzene	Ethyl-benzene	Hexa-chloro-ethane	Dichloro-methane (Methylene chloride)	Tetra-chloro-ethene (PCE)	1,1-Di-chloro-ethane	1,1-Di-chloro-ethene
10/02/1999	0.609	—	—	0.274	—	0.147	E0.059	—	—
10/13/1999	0.888	—	E0.001	0.323	—	0.136	E0.055	—	—
10/26/1999	0.328	—	—	0.130	—	E0.026	E0.021	—	—
11/07/1999	0.475	—	—	0.177	—	E0.022	E0.039	—	—
11/19/1999	0.539	—	E0.001	0.164	—	0.136	E0.035	—	—
12/13/1999	0.463	—	—	0.170	—	E0.072	E0.033	—	—
12/13/1999	0.720	—	E0.005	0.174	—	0.143	E0.017	—	—
12/25/1999	0.877	—	E0.004	0.298	—	0.117	E0.056	—	—
01/06/2000	0.410	—	E0.007	E0.059	—	0.241	E0.025	—	—
01/18/2000	—	—	E0.005	E0.010	—	—	E0.008	—	—
01/30/2000	0.206	—	—	E0.067	—	—	E0.010	—	—
02/11/2000	0.201	—	E0.001	E0.060	—	E0.015	E0.016	—	—
03/18/2000	E0.064	—	—	E0.020	—	—	E0.008	—	—
04/11/2000	0.161	—	E0.001	E0.033	—	E0.031	E0.009	—	—
04/23/2000	0.257	—	E0.001	0.093	—	E0.075	E0.021	—	—
05/05/2000	0.286	—	E0.001	0.095	—	E0.052	0.151	—	—
05/17/2000	0.169	—	E0.001	E0.064	—	E0.037	—	—	—
05/29/2000	0.126	—	E0.003	E0.063	—	0.112	E0.021	—	—
06/10/2000	0.152	—	E0.002	E0.038	—	0.180	E0.018	—	—
06/29/2000	0.334	—	E0.009	0.089	—	E0.074	E0.035	—	—
07/11/2000	0.388	—	E0.014	0.123	—	0.164	E0.033	—	—
07/23/2000	0.393	—	E0.007	0.267	—	0.152	E0.030	—	—
08/04/2000	E0.094	—	E0.002	E0.058	—	E0.047	—	—	—
08/16/2000	0.293	—	E0.002	0.111	—	E0.061	E0.029	—	—
08/28/2000	0.121	—	E0.004	E0.046	—	E0.063	—	—	—
09/09/2000	0.228	—	E0.003	0.081	—	E0.084	E0.032	—	—
09/21/2000	0.670	—	E0.004	0.295	—	E0.054	0.056	—	—
10/03/2000	0.842	—	E0.005	0.349	—	0.172	0.079	—	—
11/08/2000	1.87	—	E0.011	0.677	—	0.700	0.232	—	—
11/20/2000	1.65	—	E0.002	0.948	—	0.289	0.103	—	—
12/02/2000	1.75	—	E0.005	0.561	—	0.344	0.107	—	—
12/14/2000	2.07	—	E0.011	0.477	—	0.255	0.143	—	—
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	1.58	—	E0.003	0.659	—	0.402	0.105	—	—
01/19/2001	0.330	—	—	E0.068	—	E0.031	—	—	—
01/31/2001	0.405	—	E0.011	0.156	—	0.130	E0.017	—	—
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Benzene	2-Propene-nitrile (Acrylonitrile)	Chloro-benzene	Ethyl-benzene	Hexa-chloro-ethane	Dichloro-methane (Methylene chloride)	Tetra-chloro-ethene (PCE)	1,1-Di-chloro-ethane	1,1-Di-chloro-ethene
02/24/2001	0.402	—	—	0.133	—	E0.068	E0.014	—	—
02/24/2001	0.652	—	E0.002	0.162	—	0.162	E0.019	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	0.167	—	E0.016	E0.016	—	E0.047	—	—	—
04/01/2001	0.552	—	E0.003	0.216	—	E0.047	E0.050	—	—
04/13/2001	0.652	—	E0.028	E0.007	—	0.267	—	—	0.496
04/13/2001	0.431	—	E0.002	0.188	—	0.110	0.070	—	—
04/25/2001	E0.092	—	E0.001	E0.048	—	E0.041	E0.019	—	—
05/07/2001	0.220	—	—	E0.073	—	E0.080	0.122	—	—
05/19/2001	—	—	E0.002	E0.008	—	0.123	—	—	—
05/31/2001	—	—	—	E0.006	—	—	—	—	—
05/31/2001	—	—	E0.003	—	—	—	—	—	0.351
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	0.689	—	E0.028	E0.007	—	0.427	—	—	—
07/05/2001	0.265	—	E0.012	E0.014	—	E0.045	—	—	—
07/05/2001	—	—	—	E0.020	—	—	E0.007	—	—
07/16/2001	0.228	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—
08/23/2001	0.289	—	—	0.113	—	0.126	E0.038	—	—
09/16/2001	0.318	—	E0.007	E0.049	—	0.274	E0.016	—	—
09/28/2001	0.339	—	E0.011	—	—	0.309	—	—	0.318

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene
10/02/1999	0.094	—	—	—	—	—	—	—
10/13/1999	0.085	—	—	—	—	—	—	—
10/26/1999	E0.060	—	—	—	—	—	—	—
11/07/1999	E0.070	—	—	—	—	—	—	—
11/19/1999	0.102	—	—	—	—	—	—	—
12/13/1999	0.099	—	—	—	—	—	—	—
12/13/1999	E0.067	—	—	—	—	—	—	—
12/25/1999	0.082	—	—	—	—	—	—	—
01/06/2000	E0.024	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	E0.044	—	—	—	—	—	—	—
02/11/2000	E0.014	—	—	—	—	—	—	—
03/18/2000	E0.011	—	—	—	—	—	—	—
04/11/2000	E0.057	—	—	—	—	—	—	—
04/23/2000	E0.061	—	—	—	—	—	—	—
05/05/2000	E0.051	—	—	—	—	—	—	E0.025
05/17/2000	E0.050	—	—	—	—	—	—	E0.011
05/29/2000	E0.062	—	—	—	—	—	—	—
06/10/2000	E0.058	—	—	—	—	—	—	—
06/29/2000	E0.056	—	—	—	—	—	—	—
07/11/2000	E0.051	—	—	—	—	—	—	—
07/23/2000	E0.054	—	E0.004	—	—	—	—	—
08/04/2000	E0.041	—	—	—	—	—	—	—
08/16/2000	E0.067	—	—	—	—	—	—	—
08/28/2000	E0.067	—	—	—	—	—	—	—
09/09/2000	0.086	—	—	—	—	—	—	—
09/21/2000	0.121	—	—	—	—	—	—	—
10/03/2000	0.203	—	—	—	—	—	—	—
11/08/2000	0.180	—	—	—	—	—	—	—
11/20/2000	0.169	—	—	—	—	—	—	—
12/02/2000	0.117	—	—	—	—	—	—	—
12/14/2000	0.200	—	—	—	—	—	—	—
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	0.115	—	—	—	—	—	—	—
01/19/2001	E0.049	—	—	—	—	—	—	—
01/31/2001	E0.051	—	—	—	—	—	—	—
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/24/2001	E0.034	—	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene
02/24/2001	E0.044	—	—	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	—	—	—	—	—	—
04/01/2001	E0.065	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/13/2001	E0.066	—	—	—	—	—	—	—
04/25/2001	E0.051	—	—	—	—	—	—	—
05/07/2001	0.084	—	—	—	—	—	—	—
05/19/2001	E0.001	—	—	—	—	—	—	—
05/31/2001	E0.001	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/05/2001	E0.018	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	0.086	—	—	E0.025	—	—	—	—
09/16/2001	E0.014	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene
10/02/1999	0.094	—	—	—	—	—	—	—
10/13/1999	0.085	—	—	—	—	—	—	—
10/26/1999	E0.060	—	—	—	—	—	—	—
11/07/1999	E0.070	—	—	—	—	—	—	—
11/19/1999	0.102	—	—	—	—	—	—	—
12/13/1999	0.099	—	—	—	—	—	—	—
12/13/1999	E0.067	—	—	—	—	—	—	—
12/25/1999	0.082	—	—	—	—	—	—	—
01/06/2000	E0.024	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	E0.044	—	—	—	—	—	—	—
02/11/2000	E0.014	—	—	—	—	—	—	—
03/18/2000	E0.011	—	—	—	—	—	—	—
04/11/2000	E0.057	—	—	—	—	—	—	—
04/23/2000	E0.061	—	—	—	—	—	—	—
05/05/2000	E0.051	—	—	—	—	—	—	E0.025
05/17/2000	E0.050	—	—	—	—	—	—	E0.011
05/29/2000	E0.062	—	—	—	—	—	—	—
06/10/2000	E0.058	—	—	—	—	—	—	—
06/29/2000	E0.056	—	—	—	—	—	—	—
07/11/2000	E0.051	—	—	—	—	—	—	—
07/23/2000	E0.054	—	E0.004	—	—	—	—	—
08/04/2000	E0.041	—	—	—	—	—	—	—
08/16/2000	E0.067	—	—	—	—	—	—	—
08/28/2000	E0.067	—	—	—	—	—	—	—
09/09/2000	0.086	—	—	—	—	—	—	—
09/21/2000	0.121	—	—	—	—	—	—	—
10/03/2000	0.203	—	—	—	—	—	—	—
11/08/2000	0.180	—	—	—	—	—	—	—
11/20/2000	0.169	—	—	—	—	—	—	—
12/02/2000	0.117	—	—	—	—	—	—	—
12/14/2000	0.200	—	—	—	—	—	—	—
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	0.115	—	—	—	—	—	—	—
01/19/2001	E0.049	—	—	—	—	—	—	—
01/31/2001	E0.051	—	—	—	—	—	—	—
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/24/2001	E0.034	—	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene
02/24/2001	E0.044	—	—	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	—	—	—	—	—	—
04/01/2001	E0.065	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/13/2001	E0.066	—	—	—	—	—	—	—
04/25/2001	E0.051	—	—	—	—	—	—	—
05/07/2001	0.084	—	—	—	—	—	—	—
05/19/2001	E0.001	—	—	—	—	—	—	—
05/31/2001	E0.001	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/05/2001	E0.018	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	0.086	—	—	E0.025	—	—	—	—
09/16/2001	E0.014	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	*tert*-Pentyl methyl ether	*trans*-1,4-Dichloro-2-butene	Ethyl methacrylate	Carbon disulfide	*cis*-1,2-Dichloroethene	2-Hexanone	Styrene	*o*-Xylene	1,1-Dichloropropene
10/02/1999	E0.031	—	—	—	—	E0.011	E0.041	0.355	—
10/13/1999	E0.036	—	—	E0.019	—	E0.009	E0.050	0.425	—
10/26/1999	E0.015	—	—	—	—	E0.007	E0.018	0.172	—
11/07/1999	E0.009	—	—	—	—	E0.004	E0.027	0.217	—
11/19/1999	E0.019	—	—	—	—	E0.006	E0.037	0.218	—
12/13/1999	E0.022	—	—	—	—	E0.005	E0.039	0.225	—
12/13/1999	E0.008	—	—	E0.108	—	E0.004	E0.027	0.225	—
12/25/1999	E0.010	—	—	E0.011	—	E0.007	E0.071	0.399	—
01/06/2000	—	—	—	E0.028	—	E0.003	E0.014	0.079	—
01/18/2000	—	—	—	—	—	E0.008	E0.008	E0.014	—
01/30/2000	—	—	—	—	—	E0.038	E0.014	0.083	—
02/11/2000	—	—	—	—	—	E0.003	E0.005	0.074	—
03/18/2000	—	—	—	—	—	E0.002	—	E0.025	—
04/11/2000	E0.002	—	—	—	—	E0.006	E0.004	E0.038	—
04/23/2000	E0.006	—	—	—	—	E0.006	E0.007	0.104	—
05/05/2000	—	—	—	—	—	E0.008	E0.016	0.130	—
05/17/2000	E0.003	—	—	—	—	E0.009	E0.014	0.081	—
05/29/2000	E0.004	—	—	E0.013	—	E0.012	E0.013	0.084	—
06/10/2000	—	—	—	E0.047	—	—	E0.011	E0.050	—
06/29/2000	E0.005	—	—	E0.014	—	E0.010	E0.014	0.114	—
07/11/2000	E0.006	—	—	E0.020	—	E0.015	E0.021	0.161	—
07/23/2000	E0.024	—	—	—	—	E0.020	E0.046	0.349	—
08/04/2000	—	—	—	—	—	E0.007	E0.010	0.069	—
08/16/2000	E0.007	—	—	E0.018	—	E0.009	E0.015	0.128	—
08/28/2000	E0.011	—	—	E0.013	—	E0.012	E0.009	E0.054	—
09/09/2000	E0.015	—	—	—	—	E0.010	E0.012	0.093	—
09/21/2000	E0.023	—	—	E0.012	—	E0.012	E0.087	0.399	—
10/03/2000	E0.074	—	—	E0.012	—	E0.012	E0.050	0.490	—
11/08/2000	E0.084	—	—	E0.012	—	E0.019	0.099	0.808	—
11/20/2000	E0.104	—	—	—	—	E0.022	0.171	1.25	—
12/02/2000	E0.056	—	—	—	—	E0.027	E0.084	0.796	—
12/14/2000	E0.052	—	—	—	—	0.033	E0.044	0.566	—
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	E0.037	—	—	—	—	E0.020	0.090	0.818	—
01/19/2001	E0.015	—	—	—	—	E0.004	E0.012	0.074	—
01/31/2001	E0.014	—	—	—	—	E0.025	E0.028	0.196	—
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/24/2001	E0.010	—	—	—	—	—	E0.025	0.145	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	*tert*-Pentyl methyl ether	*trans*-1,4-Dichloro-2-butene	Ethyl methacrylate	Carbon disulfide	*cis*-1,2-Dichloroethene	2-Hexanone	Styrene	*o*-Xylene	1,1-Dichloropropene
02/24/2001	E0.011	—	—	E0.026	—	—	E0.034	0.175	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	—	E0.046	—	E0.034	0.022	E0.023	—
04/01/2001	E0.008	—	—	E0.019	—	E0.014	E0.037	0.261	—
04/13/2001	—	—	—	0.274	—	E0.021	E0.022	E0.014	—
04/13/2001	E0.008	—	—	—	—	E0.016	E0.037	0.229	—
04/25/2001	—	—	—	—	—	E0.007	E0.005	E0.055	—
05/07/2001	—	—	—	E0.038	—	—	—	0.086	—
05/19/2001	—	—	—	E0.089	—	—	—	—	—
05/31/2001	—	—	—	E0.030	—	—	—	—	—
05/31/2001	—	—	—	E0.048	—	—	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	E0.054	—	E0.081	—	—	—
07/05/2001	—	—	—	0.172	—	0.163	E0.035	E0.037	—
07/05/2001	—	—	—	—	—	E0.006	—	E0.020	—
07/16/2001	—	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	E0.012	—	E0.015	E0.028	0.197	—
09/16/2001	—	—	—	0.064	—	E0.007	—	E0.056	—
09/28/2001	—	—	—	0.527	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	2,2-Dichloro-propane	1,3-Dichloro-propane	*o*-Ethyl toluene	1,2,3-Trimethyl-benzene	1,2,4-Trimethyl-benzene	Isopropyl-benzene (Cumene)	*n*-Propyl-benzene	1,3,5-Trimethyl-benzene
10/02/1999	—	—	E0.075	E0.065	0.308	E0.013	E0.054	0.090
10/13/1999	—	—	0.093	0.089	0.407	E0.017	E0.068	0.114
10/26/1999	—	—	E0.035	E0.031	0.151	E0.006	E0.025	E0.043
11/07/1999	—	—	E0.042	E0.036	0.184	E0.007	E0.032	E0.054
11/19/1999	—	—	E0.043	E0.039	0.191	E0.008	E0.032	E0.052
12/13/1999	—	—	E0.045	E0.041	0.199	E0.008	E0.034	E0.055
12/13/1999	—	—	E0.040	E0.043	0.183	E0.007	E0.030	E0.052
12/25/1999	—	—	0.081	0.075	0.357	E0.013	E0.056	0.102
01/06/2000	—	—	E0.021	E0.016	0.094	E0.004	E0.015	E0.026
01/18/2000	—	—	E0.002	E0.002	E0.009	E0.001	E0.002	E0.002
01/30/2000	—	—	E0.014	E0.014	0.067	E0.002	E0.011	E0.016
02/11/2000	—	—	E0.015	E0.011	E0.056	E0.002	E0.011	E0.015
03/18/2000	—	—	E0.005	—	E0.021	E0.001	E0.004	E0.006
04/11/2000	—	—	E0.006	—	E0.024	E0.001	E0.005	E0.006
04/23/2000	—	—	E0.014	E0.009	E0.051	E0.004	E0.014	E0.014
05/05/2000	—	—	E0.033	E0.026	0.144	E0.006	E0.026	E0.035
05/17/2000	—	—	E0.016	E0.012	E0.059	E0.003	E0.013	E0.016
05/29/2000	—	—	E0.022	E0.012	0.094	E0.005	E0.016	E0.020
06/10/2000	—	—	E0.012	E0.009	E0.057	E0.003	E0.008	E0.014
06/29/2000	—	—	E0.022	E0.016	0.082	E0.005	E0.019	E0.023
07/11/2000	—	—	E0.040	E0.035	0.166	E0.007	E0.030	E0.041
07/23/2000	—	—	E0.082	E0.078	0.356	E0.013	E0.061	0.087
08/04/2000	—	—	E0.017	E0.016	0.086	E0.003	E0.013	E0.019
08/16/2000	—	—	E0.031	E0.025	0.139	E0.005	E0.025	E0.029
08/28/2000	—	—	E0.012	E0.009	E0.048	E0.003	E0.009	E0.012
09/09/2000	—	—	E0.023	E0.017	0.098	E0.005	E0.019	E0.024
09/21/2000	—	—	0.092	0.080	0.388	E0.013	E0.067	0.099
10/03/2000	—	—	0.091	E0.075	0.418	E0.014	E0.067	0.112
11/08/2000	—	—	0.248	0.222	1.08	E0.037	0.181	0.259
11/20/2000	—	—	0.323	0.334	1.63	E0.046	0.229	0.406
12/02/2000	—	—	0.159	0.146	0.699	E0.029	0.117	0.207
12/14/2000	—	—	0.140	0.096	0.555	E0.027	0.108	0.147
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	—	—	0.155	0.181	0.768	E0.029	0.112	0.209
01/19/2001	—	—	E0.010	E0.006	E0.046	E0.032	E0.011	E0.012
01/31/2001	—	—	E0.036	E0.025	0.140	E0.010	E0.029	E0.041
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/24/2001	—	—	E0.032	E0.032	0.147	E0.005	E0.028	E0.037

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	2,2-Dichloro-propane	1,3-Dichloro-propane	*o*-Ethyl toluene	1,2,3-Trimethyl-benzene	1,2,4-Trimethyl-benzene	Isopropyl-benzene (Cumene)	*n*-Propyl-benzene	1,3,5-Trimethyl-benzene
02/24/2001	—	—	E0.037	E0.039	0.183	E0.007	E0.036	E0.046
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	E0.005	E0.004	E0.018	E0.003	E0.005	E0.006
04/01/2001	—	—	E0.055	E0.040	0.210	E0.010	E0.044	E0.060
04/13/2001	—	—	E0.003	E0.002	E0.010	E0.002	E0.003	E0.003
04/13/2001	—	—	E0.055	E0.037	E0.192	E0.011	E0.045	E0.049
04/25/2001	—	—	E0.007	—	E0.031	E0.002	E0.007	E0.007
05/07/2001	—	—	E0.021	E0.017	E0.064	E0.049	E0.018	E0.020
05/19/2001	—	—	E0.002	E0.002	E0.007	E0.001	E0.001	E0.002
05/31/2001	—	—	E0.002	E0.003	E0.009	E0.002	E0.002	E0.003
05/31/2001	—	—	E0.003	—	—	—	—	E0.004
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	—	E0.006	—	E0.001	—
07/05/2001	—	—	E0.009	E0.010	E0.045	E0.006	E0.008	E0.014
07/05/2001	—	—	E0.005	E0.004	E0.015	E0.001	E0.005	E0.005
07/16/2001	—	—	—	—	—	—	E0.001	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	E0.059	E0.049	0.246	E0.008	E0.038	E0.064
09/16/2001	—	—	E0.014	E0.011	E0.050	E0.003	E0.011	E0.013
09/28/2001	—	E 0.009	—	E0.002	E0.005	—	—	E0.001

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	2-Chloro-toluene	1-Chloro-4-methyl-benzene	Bromo-chloro-methane	*n*-Butyl-benzene	*sec*-Butyl-benzene	*tert*-Butyl-benzene	4-Iso propyl-1-methyl-benzene	1,2,3-Trichloro-propane	1,1,1,2-Tetrachlo-roethane
10/02/1999	—	—	—	E0.011	E0.005	—	E0.035	—	—
10/13/1999	—	—	—	E0.016	E0.006	—	E0.045	—	—
10/26/1999	—	—	—	E0.006	E0.002	—	E0.020	—	—
11/07/1999	—	—	—	E0.006	E0.003	—	E0.017	—	—
11/19/1999	—	—	—	E0.008	E0.002	—	E0.024	—	—
12/13/1999	—	—	—	E0.008	E0.003	—	E0.026	—	—
12/13/1999	E0.002	—	—	E0.007	E0.002	—	E0.015	—	—
12/25/1999	E0.002	—	—	E0.015	E0.004	—	E0.029	—	—
01/06/2000	—	—	—	E0.003	E0.001	—	E0.011	—	—
01/18/2000	—	—	—	E0.001	—	—	E0.001	—	—
01/30/2000	—	—	—	E0.002	E0.044	—	E0.033	—	—
02/11/2000	—	—	—	E0.002	E0.001	—	E0.004	—	—
03/18/2000	—	—	—	E0.001	—	—	E0.002	—	—
04/11/2000	—	—	—	E0.001	—	—	E0.002	—	—
04/23/2000	—	—	—	E0.001	E0.001	—	E0.002	—	—
05/05/2000	—	—	—	E0.005	E0.001	—	E0.014	—	—
05/17/2000	—	—	—	E0.002	E0.001	—	E0.007	—	—
05/29/2000	—	—	—	E0.003	E0.001	—	E0.008	—	—
06/10/2000	—	—	—	E0.002	E0.001	—	E0.003	—	—
06/29/2000	—	—	—	E0.003	E0.001	—	E0.018	—	—
07/11/2000	—	—	—	E0.007	E0.003	—	E0.037	—	—
07/23/2000	—	—	—	E0.014	E0.004	—	0.089	—	—
08/04/2000	—	—	—	E0.003	E0.006	—	E0.004	—	—
08/16/2000	—	—	—	E0.005	E0.002	—	E0.023	—	—
08/28/2000	—	—	—	E0.001	E0.001	—	E0.004	—	—
09/09/2000	—	—	—	E0.004	E0.002	—	E0.006	—	—
09/21/2000	—	—	—	E0.016	E0.007	—	E0.006	—	—
10/03/2000	—	—	—	E0.012	E0.006	—	E0.024	—	—
11/08/2000	—	—	—	E0.047	E0.015	—	0.079	—	—
11/20/2000	—	—	—	0.071	E0.024	—	0.082	—	—
12/02/2000	—	—	—	E0.022	E0.013	—	0.039	—	—
12/14/2000	—	—	—	E0.016	E0.011	—	0.030	—	—
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	—	—	—	E0.041	E0.012	—	E0.041	—	—
01/19/2001	—	—	—	E0.001	E0.002	—	E0.001	—	0.010
01/31/2001	—	—	—	E0.002	E0.002	—	E0.013	—	—
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	2-Chloro-toluene	1-Chloro-4-methyl-benzene	Bromo-chloro-methane	*n*-Butyl-benzene	*sec*-Butyl-benzene	*tert*-Butyl-benzene	4-Iso propyl-1-methyl-benzene	1,2,3-Trichloro-propane	1,1,1,2-Tetrachlo-roethane
02/24/2001	—	—	—	E0.008	E0.003	—	E0.022	—	—
02/24/2001	—	—	—	E0.009	E0.002	—	E0.030	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	—	E0.004	—	—	E0.002	—	—
04/01/2001	—	—	—	E0.007	E0.004	—	E0.015	—	—
04/13/2001	—	—	—	E0.001	—	—	E0.002	—	—
04/13/2001	—	—	—	E0.009	E0.004	—	E0.021	—	—
04/25/2001	—	—	—	E0.001	—	—	E0.002	—	—
05/07/2001	—	—	—	E0.004	—	—	E0.021	—	—
05/19/2001	—	—	—	E0.003	—	—	E0.001	—	—
05/31/2001	—	—	—	E0.004	—	—	E0.002	—	—
05/31/2001	—	—	—	—	—	—	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	E0.005	—	—	—	—	—
07/05/2001	—	—	—	E0.012	—	—	E0.007	—	—
07/05/2001	—	—	—	—	—	—	E0.002	—	—
07/16/2001	—	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	E0.017	—	—
09/16/2001	—	—	—	E0.002	E0.001	—	E0.010	—	—
09/28/2001	—	—	—	—	—	—	E0.001	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,2,3-Trichlo-benzene	1,2-Di-bromo-ethane	Methyl *tert*-butyl ether (MTBE)	3-Chloro-1-propene	4-Methyl-2-pen-tanone (MIBK)	Acetone	Bromo-benzene	Diethyl ether	Diiso-propyl ether (DIPE)
10/02/1999	—	—	2.37	—	E0.056	1.78	—	—	—
10/13/1999	—	—	2.43	—	E0.062	1.35	—	—	—
10/26/1999	—	—	1.08	—	E0.017	0.686	—	—	—
11/07/1999	—	—	1.41	—	E0.025	0.494	—	—	—
11/19/1999	—	—	1.38	—	E0.026	1.51	—	—	—
12/13/1999	—	—	1.60	—	E0.024	1.45	—	—	—
12/13/1999	—	—	1.47	—	E0.016	1.73	—	—	—
12/25/1999	—	—	2.41	—	E0.030	0.547	—	—	—
01/06/2000	—	—	26.0	—	E0.013	1.35	E 0.002	—	—
01/18/2000	—	—	—	—	E0.005	E 0.079	—	—	—
01/30/2000	—	—	0.506	—	E0.015	0.633	—	E0.015	—
02/11/2000	—	—	0.413	—	E0.008	0.415	—	—	—
03/18/2000	—	—	0.282	—	E0.008	0.250	—	—	—
04/11/2000	—	—	0.354	—	E0.012	0.454	—	—	—
04/23/2000	—	—	0.445	—	E0.024	1.62	—	—	—
05/05/2000	—	—	0.566	—	E0.025	1.01	—	—	—
05/17/2000	—	—	0.343	—	E0.031	0.622	—	—	—
05/29/2000	—	—	0.531	—	E0.025	2.73	—	—	—
06/10/2000	—	—	0.390	—	—	1.07	—	—	—
06/29/2000	—	—	0.694	—	E0.023	1.63	—	—	—
07/11/2000	—	—	0.946	—	E0.024	1.68	—	—	—
07/23/2000	—	—	1.47	—	E0.039	1.21	—	—	—
08/04/2000	—	—	0.326	—	E0.018	2.19	—	—	—
08/16/2000	—	—	1.12	—	E0.034	0.858	—	—	—
08/28/2000	—	—	0.406	—	E0.050	1.36	—	—	—
09/09/2000	—	—	0.696	—	E0.025	2.00	—	—	—
09/21/2000	—	—	1.25	—	E0.072	3.61	—	—	—
10/03/2000	—	—	2.90	—	E0.049	5.65	—	—	—
11/08/2000	—	—	6.59	—	E0.072	6.84	—	—	—
11/20/2000	—	—	4.83	—	0.103	4.14	—	—	—
12/02/2000	—	—	5.00	—	E0.055	4.66	—	—	—
12/14/2000	—	—	5.84	—	E0.082	3.84	—	—	—
12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
01/07/2001	—	—	3.30	—	E0.071	3.45	—	—	—
01/19/2001	—	—	0.220	—	E0.010	0.739	—	—	—
01/31/2001	—	—	0.900	—	E0.028	5.39	—	—	—
02/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,2,3-Trichlorobenzene	1,2-Dibromoethane	Methyl *tert*-butyl ether (MTBE)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromobenzene	Diethyl ether	Diisopropyl ether (DIPE)
02/24/2001	—	—	0.581	—	—	118	—	—	E0.021
02/24/2001	—	—	0.768	—	—	142	—	—	E0.016
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	—	—	—	—	E0.008	2.07	—	—	—
04/01/2001	—	—	1.43	—	E0.035	1.94	—	—	—
04/13/2001	—	—	—	—	E0.007	5.12	—	—	—
04/13/2001	—	—	1.35	—	E0.052	4.06	—	—	—
04/25/2001	—	—	0.410	—	E0.010	0.967	—	—	—
05/07/2001	—	—	0.603	—	—	1.89	—	—	—
05/19/2001	—	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	1.40	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/24/2001	—	—	—	—	—	1.68	—	—	—
07/05/2001	—	—	—	—	—	—	—	—	—
07/05/2001	—	—	E0.112	—	—	1.20	—	—	—
07/16/2001	—	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—
08/23/2001	—	—	1.28	—	E0.037	2.86	—	—	—
09/16/2001	—	—	0.416	—	E0.005	1.01	—	—	—
09/28/2001	—	—	—	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Methyl acrylonitrile	2-Butanone (Methyl ethyl ketone)	Methyl acrylate	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m*- and *p*-Xylene
10/02/1999	—	0.607	—	E0.019	—	0.997
10/13/1999	—	0.423	—	E0.019	—	1.20
10/26/1999	—	0.235	—	E0.012	—	0.469
11/07/1999	—	0.345	—	E0.014	—	0.613
11/19/1999	E0.010	0.375	—	E0.022	—	0.622
12/13/1999	E0.015	0.387	—	E0.018	—	0.634
12/13/1999	—	0.199	—	E0.022	—	0.634
12/25/1999	—	0.230	—	E0.030	—	1.12
01/06/2000	—	E0.126	—	—	—	0.229
01/18/2000	—	E0.039	—	—	—	E0.036
01/30/2000	—	E0.012	—	—	—	0.232
02/11/2000	—	E0.057	—	—	—	0.195
03/18/2000	—	E0.047	—	—	—	E0.072
04/11/2000	—	0.192	—	—	—	0.108
04/23/2000	—	0.324	—	—	—	0.276
05/05/2000	—	0.243	—	—	—	0.333
05/17/2000	—	0.267	—	—	—	0.212
05/29/2000	—	0.198	—	—	—	0.239
06/10/2000	—	E0.112	—	—	—	0.143
06/29/2000	—	0.201	—	E0.013	—	0.303
07/11/2000	—	0.313	—	E0.017	—	0.429
07/23/2000	—	0.389	—	E0.005	—	1.07
08/04/2000	—	0.306	—	—	—	0.209
08/16/2000	—	0.313	—	—	—	0.387
08/28/2000	—	0.219	—	E0.013	—	0.179
09/09/2000	—	0.457	—	E0.006	—	0.282
09/21/2000	—	0.555	—	E0.011	—	1.03
10/03/2000	—	0.906	—	E0.047	—	1.30
11/08/2000	—	1.59	—	—	—	2.10
11/20/2000	—	1.02	—	E0.108	—	3.63
12/02/2000	—	0.411	—	E0.070	—	2.38
12/14/2000	—	2.25	—	—	—	1.62
12/26/2000	NA	NA	NA	NA	NA	NA
01/07/2001	—	0.340	—	—	—	2.58
01/19/2001	—	0.220	—	—	—	0.212
01/31/2001	—	0.494	—	—	—	0.503
02/12/2001	NA	NA	NA	NA	NA	NA
02/24/2001	—	0.146	—	—	—	0.433

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Methyl acrylonitrile	2-Butanone (Methyl ethyl ketone)	Methyl acrylate	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m*- and *p*-Xylene
02/24/2001	—	0.229	—	—	—	0.539
03/08/2001	NA	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA	NA
03/20/2001	E0.019	0.257	—	—	—	E0.053
04/01/2001	—	0.512	—	—	—	0.738
04/13/2001	—	E0.121	—	—	—	E0.032
04/13/2001	—	0.647	—	—	—	0.652
04/25/2001	—	E0.134	—	—	—	0.166
05/07/2001	—	0.162	—	—	—	0.253
05/19/2001	—	—	—	—	—	E0.023
05/31/2001	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—
06/12/2001	NA	NA	NA	NA	NA	NA
06/24/2001	—	E0.080	—	—	—	—
07/05/2001	—	—	—	—	—	E0.072
07/05/2001	—	E0.126	—	—	—	E0.061
07/16/2001	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	0.538
09/16/2001	—	E0.109	—	—	—	0.164
09/28/2001	—	—	—	—	—	—

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,2,3,5-Tetramethyl-benzene	1,2,4,5-Tetramethyl-benzene	Methyl acetate	2-Methyl-2-butanol	2-Methyl-2-propanol
10/02/1999	E0.022	E0.016	E0.014	E0.025	0.249
10/13/1999	E0.033	E0.025	E0.013	E0.013	E0.117
10/26/1999	E0.012	E0.008	E0.027	E0.014	E0.121
11/07/1999	E0.014	E0.009	E0.035	E0.006	E0.046
11/19/1999	E0.016	E0.012	E0.044	E0.005	E0.053
12/13/1999	E0.015	E0.011	E0.048	E0.009	E0.103
12/13/1999	E0.017	E0.012	E0.062	E0.006	E0.065
12/25/1999	E0.030	E0.023	E0.036	E0.003	E0.038
01/06/2000	E0.005	E0.004	—	E0.003	E0.045
01/18/2000	E0.001	—	—	E0.044	E0.131
01/30/2000	E0.005	E0.003	—	E0.001	—
02/11/2000	E0.002	E0.002	—	E0.002	E0.036
03/18/2000	E0.001	E0.001	—	E0.003	E0.063
04/11/2000	E0.001	E0.001	E0.015	—	E0.073
04/23/2000	E0.003	E0.003	E0.006	E0.009	E0.080
05/05/2000	E0.011	E0.008	—	—	E0.124
05/17/2000	E0.003	E0.002	E0.013	E0.025	0.271
05/29/2000	E0.005	E0.004	—	E0.019	0.190
06/10/2000	E0.004	E0.003	—	E0.009	E0.063
06/29/2000	E0.005	E0.004	—	E0.031	0.259
07/11/2000	E0.011	E0.008	—	E0.099	0.909
07/23/2000	E0.022	E0.017	—	E0.107	0.872
08/04/2000	E0.006	E0.004	—	E0.018	0.269
08/16/2000	E0.009	E0.007	—	E0.020	0.315
08/28/2000	E0.003	E0.002	E0.019	E0.063	0.392
09/09/2000	E0.005	E0.004	E0.038	E0.039	0.227
09/21/2000	E0.034	E0.024	E0.015	E0.024	0.233
10/03/2000	E0.027	E0.017	E0.054	E0.055	0.545
11/08/2000	0.125	0.089	0.243	0.239	E0.143
11/20/2000	0.258	0.178	0.298	E0.102	E0.130
12/02/2000	0.063	E0.045	E0.085	E0.059	0.388
12/14/2000	E0.040	E0.029	0.295	E0.031	E0.056
12/26/2000	NA	NA	NA	NA	NA
01/07/2001	0.069	E0.050	—	E0.018	0.305
01/19/2001	E0.005	E0.005	E0.027	E0.032	E0.120
01/31/2001	E0.010	E0.010	E0.050	0.205	0.557
02/12/2001	NA	NA	NA	NA	NA
02/24/2001	E0.021	E0.013	0.014	E0.007	E0.084

Table 5B. Analytical results for volatile organic compounds with high breakthrough volumes in air from the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. E, estimated value; mm/dd/yyyy, month/day/year; NA, not analyzed; —, compound not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	1,2,3,5-Tetramethyl-benzene	1,2,4,5-Tetramethyl-benzene	Methyl acetate	2-Methyl-2-butanol	2-Methyl-2-propanol
02/24/2001	E0.025	E0.017	0.027	E0.013	E0.104
03/08/2001	NA	NA	NA	NA	NA
03/08/2001	NA	NA	NA	NA	NA
03/20/2001	E0.001	E0.001	—	E0.017	0.205
04/01/2001	E0.012	E0.010	—	E0.023	0.281
04/13/2001	E0.001	E0.001	—	E0.030	0.320
04/13/2001	E0.014	E0.012	—	E0.038	0.173
04/25/2001	E0.002	E0.002	—	—	E0.073
05/07/2001	E0.008	E0.006	—	E0.033	0.356
05/19/2001	—	—	—	E0.003	E0.054
05/31/2001	—	—	—	E0.005	—
05/31/2001	—	—	—	E0.009	E0.085
06/12/2001	NA	NA	NA	NA	NA
06/24/2001	—	—	—	E0.014	0.293
07/05/2001	—	—	—	E0.018	0.169
07/05/2001	E0.001	E0.001	—	E0.013	E0.090
07/16/2001	—	—	—	—	—
08/08/2001	—	—	—	—	—
08/23/2001	E0.021	E0.014	—	E0.064	E0.119
09/16/2001	E0.003	E0.003	—	E0.007	E0.062
09/28/2001	—	—	—	—	—

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Type	Set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)
*05/11/1999	GFF	99.190	261.8	0.015	58.4	NA	NA	NA	NA	NA
	Top PUF					2.90	NA	NA	0.150	1.10
	Bottom PUF					0.098	NA	NA	NA	0.068
	Total					[1]3.00	NT	NT	[1]0.150	[1]1.17
*06/01/1999	GFF	99.190	268.1	0.010	36.9	NA	NA	NA	NA	NA
	Top PUF					3.40	NA	2.90	0.160	3.80
	Bottom PUF					0.190	NA	NA	NA	0.270
	Total					[1]3.59	NT	[1]2.90	[1]0.160	[1]4.07
*06/22/1999	GFF	99.190	252.9	0.012	46.3	NA	NA	NA	NA	NA
jar broke	Top PUF					NA	NA	NA	NA	NA
jar broke	Bottom PUF					NA	NA	NA	NA	NA
	Total					NT	NT	NT	NT	NT
*07/13/1999	GFF	99.348	220.4	0.007	29.5	—	—	—	—	E0.040
	Top PUF					4.20	—	—	E0.230	2.10
	Bottom PUF					E1.40	—	—	—	E0.250
	Total					E5.60	—	—	E0.230	E2.39
*08/03/1999	GFF	99.348	228.1	0.002	7.9	—	—	—	—	E0.031
	Top PUF					3.00	—	—	E0.160	1.60
	Bottom PUF					0.770	—	—	—	E0.190
	Total					3.77	—	—	E0.160	E1.82

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Type	Set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)
*08/24/1999	GFF	99.348	261.5	0.008	31.7	—	—	E0.017	—	—
	Top PUF					4.90	—	—	0.380	3.30
	Bottom PUF					3.00	—	—	E0.017	—
	Total					7.90	—	E0.017	E0.397	3.30
*09/14/1999	GFF	99.348	253.7	0.010	39.0	E0.012	—	—	—	E0.037
	Top PUF					2.80	—	—	E0.180	1.40
	Bottom PUF					0.590	—	—	—	E0.110
	Total					E3.40	—	—	E0.180	E1.55
10/05/1999	GFF	99.348	259.9	0.014	54.2	E0.041	—	—	—	—
	Top PUF					6.00	E0.130	—	0.470	3.70
	Bottom PUF					2.60	—	—	—	—
	Total					E8.64	E0.130	—	0.470	3.70
10/26/1999	GFF	99.348	274.5	0.015	55.7	E0.045	—	—	—	E0.075
	Top PUF					6.20	E0.220	E0.041	0.520	3.60
	Bottom PUF					1.80	—	—	—	—
	Total					E8.04	E0.220	E0.041	0.520	E3.68
11/16/1999	GFF	99.348	307.6	0.007	21.1	E0.027	—	—	—	E0.029
	Top PUF					5.00	E0.140	0.025	0.380	2.40
	Bottom PUF					0.390	—	—	—	E0.230
	Total					E5.42	E0.140	0.025	0.380	E2.66

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Type	Set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)
12/07/1999	GFF	99.348	289.3	0.011	36.6	E0.030	—	—	—	E0.033
	Top PUF					7.20	E0.220	—	0.690	3.90
	Bottom PUF					E0.073	—	—	—	E0.022
	Total					E7.30	E0.220	—	0.690	E3.96
01/04/2000	GFF	00.222	393.5	0.016	39.4	0.061	E0.017	—	E0.020	0.068
	Top PUF					10.9	0.200	E0.025	0.770	4.50
	Bottom PUF					0.063	—	—	E0.046	—
	Total					11.0	E0.217	E0.025	E0.836	4.57
03/28/2000	GFF	00.222	584.5	0.023	38.7	E0.018	E0.010	—	—	E0.014
	Top PUF					3.10	—	E0.016	0.230	1.70
	Bottom PUF					0.980	—	—	E0.029	E0.045
	Total					E4.10	E0.010	E0.016	E0.259	E1.76
04/25/2000	GFF	00.222	474.4	0.023	48.9	E0.022	E0.012	—	E0.012	E0.028
	Top PUF					2.80	E0.029	E0.016	0.210	1.70
	Bottom PUF					2.80	E0.022	—	E0.032	E0.075
	Total					E5.62	E0.063	E0.016	E0.254	E1.80
05/23/2000	GFF	00.222	550.4	0.021	38.7	E0.021	—	—	E0.014	E0.019
	Top PUF					2.60	0.031	E0.017	0.210	1.90
	Bottom PUF					1.10	E0.019	—	E0.032	—
	Total					E3.72	E0.050	E0.017	0.210	E1.92

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Type	Set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)
06/20/2000	GFF	00.222	541.5	0.024	44.1	E0.026	—	—	—	E0.026
	Top PUF					0.970	E0.027	—	0.088	0.950
	Bottom PUF					2.10	—	E0.014	E0.049	0.300
	Total					E3.10	E0.027	E0.014	E0.137	E1.28
07/18/2000	GFF	00.222	523.7	0.032	61.5	E0.023	—	—	E0.011	E0.024
	Top PUF					3.30	E0.034	—	0.280	2.70
	Bottom PUF					2.30	—	—	0.072	0.380
	Total					E5.62	E0.034	—	E0.363	E3.10
08/15/2000	GFF	02.037	504.4	0.029	57.5	E0.018	E0.013	—	—	—
	Top PUF					2.00	E0.040	—	0.230	2.20
	Bottom PUF					2.50	E0.050	—	E0.056	0.300
	Total					E4.52	E0.103	—	E0.286	2.50
10/10/2000	GFF	02.037	316.6	0.024	76.8	—	—	—	—	—
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—	—	—
11/07/2000	GFF	02.037	329.5	0.007	21.2	E0.034	E0.028	E0.027	—	E0.061
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					[1]E0.034	[1]E0.028	[1]E0.027	—	[1]E0.061
12/05/2000	GFF	02.037	348.8	0.011	31.5	E0.048	0.019	—	—	E0.061

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Type	Set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)
	Top PUF					6.40	0.300	E0.083	0.410	3.20
	Bottom PUF					E0.095	E0.019	—	—	—
	Total					E6.54	E0.338	E0.083	0.410	E3.26
01/02/2001	GFF	02.037	315.7	0.022	70.3	E0.065	E0.035	—	—	E0.094
	Top PUF					NA	NA	NA	NA	NA
	Bottom PUF					NA	NA	NA	NA	NA
	Total					[1]E0.065	[1]E0.035	—	—	[1]E0.094
01/30/2001	GFF	02.937	360.4	0.014	37.7	E0.058	E0.026	—	—	E0.078
	Top PUF					8.40	E0.660	E0.120	E0.660	5.20
	Bottom PUF					NA	NA	NA	NA	NA
	Total					[1]E8.46	[1]E0.686	[1]E0.120	[1]E0.660	[1]E5.28
02/27/2001	GFF	02.037	234.1	0.009	39.3	E0.048	E0.029	—	—	E0.084
	Top PUF					8.10	0.330	E0.087	0.650	4.60
	Bottom PUF					0.300	0.029	—	—	E0.070
	Total					E8.45	E0.388	E0.087	0.650	E4.75
03/27/2001	GFF	02.037	338.8	0.022	65.5	E0.030	E0.020	—	—	—
	Top PUF					2.20	—	—	0.160	1.50
	Bottom PUF					0.200	—	—	—	—
	Total					E2.43	E0.020	—	0.160	1.50
06/19/2001	GFF	02.037	287.9	0.012	42.4	—	—	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Type	Set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)
	Top PUF					4.00	—	—	0.210	2.80
	Bottom PUF					0.780	—	—	—	—
	Total					4.78	—	—	0.210	2.80
08/08/2001	GFF	02.9037	288.0	0.015	50.7	E0.020	—	—	—	—
	Top PUF					4.60	E0.060	—	—	2.50
	Bottom PUF					1.80	—	—	—	—
	Total					E6.42	E0.060	—	—	2.50
09/04/2001	GFF	02.037	281.5	0.014	48.3	E0.020	—	—	—	—
	Top PUF					3.40	E0.050	—	0.220	3.90
	Bottom PUF					1.20	—	—	—	—
	Total					E4.62	E0.050	—	0.220	3.90

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	1-Methyl-phenan-threne (64193)	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoran-thene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methyl-pyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 Isomers, C5-alkylated phenanthrene/ anthracenes (64273)	Benz(*a*) anthra-cene (64237)
*05/11/1999	NA	NA	0.021	0.016	NA	NA	NA	NA	NA	NA	NA
	0.150	0.550	0.660	0.330	0.120	NA	NA	0.160	NA	NA	NA
	0.006	NA	0.019	0.010	NA	NA	NA	NA	NA	NA	NA
	[1]0.156	[1]0.550	0.700	0.356	[1]0.120	NT	NT	[1]0.160	NT	NT	NT
*06/01/1999	NA	NA	0.021	0.019	NA	NA	NA	NA	NA	NA	NA
	0.210	0.690	0.680	0.430	0.110	NA	NA	0.220	NA	NA	NA
	NA	NA	0.017	0.008	NA	NA	NA	NA	NA	NA	NA
	[1]0.210	[1]0.690	0.718	0.457	[1]0.110	NT	NT	[1]0.220	NT	NT	NT
*06/22/1999	NA	NA	0.032	0.029	NA	NA	NA	NA	NA	NA	0.001
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NT	NT	[1]0.032	[1]0.029	NT	NT	NT	NT	NT	NT	[1]0.001
*07/13/1999	—	E0.093	E0.021	E0.020	—	—	—	—	—	—	E0.019
	0.350	0.800	1.20	0.610	0.220	—	E0.030	E0.160	—	—	—
	E0.024	E0.120	E0.038	E0.026	—	—	—	—	—	—	—
	E0.374	E1.01	E1.26	E0.656	0.220	—	E0.030	E0.160	—	—	E0.019
*08/03/1999	—	E0.062	E0.010	0.008	—	—	—	—	—	—	—
	0.260	0.600	0.860	0.500	E0.140	—	E0.027	E0.110	—	—	—
	—	E0.220	E0.020	0.016	—	—	—	—	—	—	—
	0.260	E0.882	E0.890	0.524	E0.140	—	E0.027	E0.110	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	1-Methyl-phenan-threne (64193)	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoran-thene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methyl-pyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 Isomers, C5-alkylated phenanthrene/ anthracenes (64273)	Benz(*a*) anthra-cene (64237)
*08/24/1999	—	E0.088	E0.020	0.020	—	—	—	—	—	—	—
	0.510	1.50	1.80	0.930	0.350	—	E0.038	E0.230	—	—	—
	E0.023	E0.200	E0.024	0.018	—	—	—	—	—	—	—
	E0.533	E1.79	E1.84	0.968	0.350	—	E0.038	E0.230	—	—	—
*09/14/1999	—	E0.086	E0.025	E0.028	—	—	—	—	—	—	E0.018
	E0.210	0.490	E0.810	0.430	E0.140	—	E0.024	E0.140	—	—	—
	—	E0.160	E0.013	E0.011	—	—	—	—	—	—	—
	E0.210	E0.736	E0.848	E0.469	E0.140	—	E0.024	E0.140	—	—	E0.018
10/05/1999	E0.008	E0.072	E0.044	E0.050	—	—	E0.016	—	—	—	E0.022
	0.550	1.40	1.80	1.10	0.380	—	E0.047	0.340	—	—	E0.026
	—	—	E0.017	E0.010	—	—	—	—	—	—	—
	E0.558	E1.47	E1.86	E1.16	0.380	—	E0.063	0.340	—	—	E0.048
10/26/1999	E0.005	E0.086	E0.068	E0.077	E0.030	—	E0.018	E0.049	—	—	E0.031
	0.540	1.40	1.80	1.30	0.440	—	E0.053	0.480	—	—	E0.039
	—	—	E0.015	E0.010	—	—	—	—	—	—	—
	E0.545	E1.49	E1.88	E1.39	E0.470	—	E0.071	E0.529	—	—	E0.070
11/16/1999	—	E0.052	E0.028	E0.034	—	—	E0.013	E0.048	—	—	E0.028
	0.480	1.10	1.40	1.20	0.390	—	E0.066	0.530	—	—	E0.048
	E0.023	E0.200	E0.034	E0.030	—	—	—	—	—	—	E0.021
	E0.503	E1.35	E1.46	E1.26	0.390	—	E0.079	E0.578	—	—	E0.097

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; $\mu g/m^3$, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	1-Methyl-phenan-threne (64193)	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoran-thene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methyl-pyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 Isomers, C5-alkylated phenanthrene/ anthracenes (64273)	Benz(*a*) anthra-cene (64237)
12/07/1999	—	—	E0.059	E0.067	—	—	E0.019	E0.063	E0.078	—	E0.055
	0.910	1.70	1.70	1.40	0.780	0.160	E0.120	E0.980	E0.180	—	E0.085
	—	—	E0.029	E0.028	—	—	E0.014	—	—	—	E0.031
	0.910	1.70	E1.79	E1.50	0.780	0.160	E0.153	E1.04	E0.258	—	E0.171
01/04/2000	E0.021	0.090	0.150	0.170	0.340	—	E0.033	E0.230	—	—	0.120
	0.880	2.30	2.20	1.90	2.20	—	0.140	1.300	—	—	0.078
	—	—	E0.032	E0.033	—	—	—	—	—	—	E0.022
	E0.901	2.39	E2.38	E2.10	2.54	—	E0.173	E1.53	—	—	E0.220
03/28/2000	—	—	E0.025	E0.025	—	—	E0.013	E0.024	E0.048	—	E0.010
	0.280	0.720	0.890	0.550	0.690	—	E0.030	0.250	0.110	—	E0.007
	—	—	E0.013	E0.012	—	—	—	—	—	—	—
	0.280	0.720	E0.928	E0.587	0.690	—	E0.043	E0.274	E0.158	—	E0.017
04/25/2000	E0.011	E0.02	E0.032	E0.030	—	—	E0.016	E0.029	0.068	—	E0.012
	0.260	0.700	0.940	0.450	0.930	—	E0.033	0.240	0.110	—	—
	—	—	E0.010	—	—	—	—	—	—	—	—
	E0.271	E0.720	E0.982	E0.480	0.930	—	E0.049	E0.269	0.178	—	E0.012
05/23/2000	—	—	E0.034	E0.026	—	—	—	—	—	—	E0.013
	0.260	0.760	0.820	0.450	1.00	—	E0.023	0.260	—	—	—
	—	—	E0.009	—	—	—	—	—	—	—	—
	0.260	0.760	E0.863	E0.476	1.00	—	E0.023	0.260	—	—	E0.013

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	1-Methyl-phenan-threne (64193)	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoran-thene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methyl-pyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 Isomers, C5-alkylated phenanthrene/ anthracenes (64273)	Benz(*a*) anthra-cene (64237)
06/20/2000	—	—	E0.031	E0.032	—	—	—	E0.026	—	—	E0.011
	0.110	0.340	0.430	0.210	0.200	—	E0.018	0.100	E0.048	—	—
	0.030	—	—	—	—	—	—	—	—	—	—
	0.140	0.340	E0.461	E0.242	0.200	—	E0.018	E0.126	E0.048	—	E0.011
07/18/2000	—	E0.017	E0.030	E0.031	—	—	—	E0.039	—	—	E0.011
	0.410	1.10	1.30	0.740	1.60	—	E0.042	0.330	0.140	—	—
	E0.04	—	E0.021	E0.012	—	—	—	—	—	—	—
	E0.450	E1.12	E1.35	E0.783	1.60	—	E0.042	E0.369	0.140	—	E0.011
08/15/2000	—	—	E0.024	E0.026	—	—	—	—	—	—	E0.017
	0.330	0.940	1.10	0.600	0.270	—	E0.020	—	—	—	—
	E0.045	—	E0.023	—	—	—	E0.140	—	—	—	—
	E0.375	0.940	E1.15	E0.626	0.270	—	E0.160	—	—	—	E0.017
10/10/2000	—	—	—	—	—	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	—	—	—	—	—	—	—	—	—	—	—
11/07/2000	E0.023	—	E0.062	E0.069	—	—	E0.028	—	—	—	E0.110
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.023	—	[1]E0.062	[1]E0.069	—	—	[1]E0.028	—	—	—	[1]E0.110

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	1-Methyl-phenan-threne (64193)	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoran-thene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methyl-pyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 Isomers, C5-alkylated phenanthrene/ anthracenes (64273)	Benz(*a*) anthra-cene (64237)
12/05/2000	—	—	E0.069	E0.079	—	—	E0.024	E0.095	—	—	E0.063
	0.550	1.30	1.50	1.20	E0.490	—	E0.078	—	—	—	E0.060
	—	—	—	—	—	—	—	—	—	—	—
	0.550	1.30	E1.57	E1.28	E0.490	—	E0.102	E0.095	—	—	E0.123
01/02/2001	E0.027	E0.093	E0.120	E0.130	—	—	E0.029	—	—	—	E0.120
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.027	[1]E0.093	[1]E0.120	[1]E0.130	—	—	[1]E0.029	—	—	—	[1]E0.120
01/30/2001	E0.023	E0.079	E0.100	E0.120	E0.048	—	E0.024	E0.110	0.210	—	E0.079
	E0.750	E1.80	1.80	1.50	E0.680	—	E0.120	E0.970	E0.810	—	E0.210
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.773	[1]E1.88	[1]E1.90	[1]E1.62	[1]E0.728	—	[1]E0.144	[1]E1.08	[1]E1.02	—	[1]E0.289
02/27/2001	—	—	E0.070	E0.076	—	—	—	E0.076	0.150	—	E0.062
	0.860	2.10	2.20	1.70	0.920	—	E0.120	0.550	0.870	—	E0.100
	—	—	E0.031	—	—	—	E0.0150	—	—	—	—
	0.860	2.10	E2.30	E1.78	0.920	—	E0.135	E0.626	1.020	—	E0.162
03/27/2001	—	—	E0.040	E0.040	—	—	—	—	—	—	E0.020
	0.190	0.420	0.620	0.300	—	—	E0.020	E0.140	—	—	—
	—	—	—	—	—	—	E0.040	—	—	—	—
	0.190	0.420	E0.660	E0.340	—	—	E0.060	E0.140	—	—	E0.020

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	1-Methyl-phenan-threne (64193)	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoran-thene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methyl-pyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 Isomers, C5-alkylated phenanthrene/ anthracenes (64273)	Benz(*a*) anthra-cene (64237)
06/19/2001	—	—	—	—	—	—	—	—	—	—	—
	0.270	0.650	0.890	0.390	—	—	E0.030	E0.130	—	—	—
	—	—	—	—	—	—	E0.020	—	—	—	—
	0.270	0.650	0.890	0.390	—	—	E0.050	E0.130	—	—	—
08/08/2001	—	—	E0.030	E0.040	—	—	—	—	—	—	—
	0.370	1.00	1.20	0.570	0.210	—	E0.030	—	—	—	—
	—	—	—	—	—	—	E0.070	—	—	—	—
	0.370	1.00	E1.23	E0.610	0.210	—	E0.100	—	—	—	—
09/04/2001	—	—	E0.030	E0.030	—	—	—	—	—	—	—
	0.280	0.720	0.870	0.490	E0.170	—	0.550	0.200	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
Total	0.280	0.720	E0.900	E0.520	E0.170	—	0.550	0.200	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(a) anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoran-thene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(a)-anthracene/ chrysenes (64260)	Benzo(*b*) fluoranthene (64239)	Benzo(*k*) fluoranthene (64242)	Benzo(*e*) pyrene (64240)	Benzo(*a*) pyrene (64238)
*05/11/1999	0.011	NA	NA	NA	NA	NA	0.028	0.006	0.035	0.021
	0.027	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]0.038	NT	NT	NT	NT	NT	[1]0.028	[1]0.006	[1]0.035	[1]0.021
*06/01/1999	0.014	NA	NA	NA	NA	NA	0.053	NA	0.037	NA
	0.034	NA	NA	NA	NA	NA	NA	NA	NA	NA
	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
	0.049	NT	NT	NT	NT	NT	[1]0.053	NT	[1]0.037	NT
*06/22/1999	0.020	NA	NA	NA	NA	NA	0.039	0.017	0.047	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]0.020	NT	NT	NT	NT	NT	[1]0.039	[1]0.017	[1]0.047	NT
*07/13/1999	E0.017	—	—	—	—	—	E0.021	E0.010	E0.020	—
	E0.047	—	—	—	—	—	E0.007	E0.006	E0.005	—
	—	—	—	—	—	—	—	—	—	—
	E0.064	—	—	—	—	—	E0.028	E0.016	E0.025	—
*08/03/1999	E0.007	—	—	—	—	—	E0.010	E0.006	E0.009	—
	E0.050	—	—	—	—	—	E0.013	E0.008	E0.015	—
	—	—	—	—	—	—	E0.009	E0.009	E0.007	—
	E0.057	—	—	—	—	—	E0.032	E0.023	E0.031	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(a) anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoran-thene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(a)-anthracene/ chrysenes (64260)	Benzo(*b*) fluoranthene (64239)	Benzo(*k*) fluoranthene (64242)	Benzo(*e*) pyrene (64240)	Benzo(*a*) pyrene (64238)
*08/24/1999	E0.017	—	—	—	—	—	E0.021	E0.010	E0.018	—
	E0.076	—	—	—	—	—	E0.016	E0.011	E0.016	—
	—	—	—	—	—	—	E0.010	E0.007	E0.010	—
	E0.093	—	—	—	—	—	E0.047	E0.028	E0.044	—
*09/14/1999	E0.018	—	—	—	—	—	E0.024	E0.019	E0.024	E0.032
	E0.033	—	—	—	—	—	E0.014	E0.011	E0.006	—
	—	—	—	—	—	—	E0.007	E0.005	E0.005	—
	E0.051	—	—	—	—	—	E0.045	E0.035	E0.035	E0.032
10/05/1999	E0.042	—	—	—	—	—	E0.066	E0.033	E0.074	—
	E0.079	—	—	—	—	—	E0.017	E0.014	E0.017	—
	—	—	—	—	—	—	E0.010	E0.010	E0.006	E0.028
	E0.121	—	—	—	—	—	E0.093	E0.057	E0.097	E0.028
10/26/1999	E0.060	—	E0.051	—	—	—	E0.150	E0.094	E0.206	—
	E0.098	—	—	—	—	—	E0.024	E0.017	E0.024	E0.029
	E0.015	—	—	—	—	—	E0.008	E0.008	E0.007	E0.028
	E0.173	—	E0.051	—	—	—	E0.182	E0.119	E0.237	E0.057
11/16/1999	E0.048	—	E0.050	—	—	—	E0.081	E0.062	E0.086	E0.029
	E0.150	—	E0.042	—	—	—	E0.037	E0.032	E0.039	—
	E0.013	—	—	—	—	—	E0.022	E0.019	E0.027	E0.031
	E0.211	—	E0.092	—	—	—	E0.140	E0.113	E0.152	E0.060

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(a) anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoran-thene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(a)-anthracene/ chrysenes (64260)	Benzo(*b*) fluoranthene (64239)	Benzo(*k*) fluoranthene (64242)	Benzo(*e*) pyrene (64240)	Benzo(*a*) pyrene (64238)
12/07/1999	E0.150	—	E0.100	—	—	—	0.268	0.254	0.297	E0.042
	0.300	—	E0.087	—	—	—	E0.086	E0.070	E0.095	E0.038
	E0.032	—	—	—	—	—	E0.043	E0.041	E0.053	E0.044
	E0.482	—	E0.187	—	—	—	E0.397	E0.365	E0.445	E0.124
01/04/2000	0.320	—	0.280	—	—	—	0.360	0.370	0.340	—
	0.340	—	0.120	—	—	—	0.055	E0.027	E0.042	E0.013
	E0.034	—	—	—	—	—	E0.043	—	E0.031	—
	E0.694	—	0.400	—	—	—	E0.458	E0.397	E0.413	E0.013
03/28/2000	E0.023	—	E0.023	—	—	E0.020	E0.038	E0.037	E0.026	E0.030
	E0.083	—	E0.028	—	—	—	E0.025	E0.005	E0.012	—
	E0.005	—	—	—	—	—	E0.016	E0.018	E0.006	E0.009
	E0.111	—	E0.051	—	—	E0.020	E0.079	E0.060	E0.044	E0.039
04/25/2000	E0.030	—	E0.020	—	—	—	E0.044	—	E0.030	—
	0.076	—	E0.022	—	—	—	E0.022	—	E0.007	—
	—	—	—	—	—	—	—	E0.013	—	E0.010
	E0.106	—	E0.042	—	—	—	E0.066	E0.013	E0.037	E0.010
05/23/2000	E0.040	—	E0.023	—	—	—	E0.034	—	E0.021	—
	E0.048	—	—	—	—	—	E0.016	—	E0.004	—
	—	—	—	—	—	—	—	E0.007	—	—
	E0.088	—	E0.023	—	—	—	E0.050	E0.007	E0.025	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(a) anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoran-thene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(a)-anthracene/ chrysenes (64260)	Benzo(*b*) fluoranthene (64239)	Benzo(*k*) fluoranthene (64242)	Benzo(*e*) pyrene (64240)	Benzo(*a*) pyrene (64238)
06/20/2000	E0.028	—	E0.023	—	—	—	E0.034	—	E0.026	—
	E0.019	—	E0.010	—	—	—	E0.015	—	—	—
	—	—	—	—	—	—	—	E0.022	—	E0.009
	E0.047	—	E0.033	—	—	—	E0.049	E0.022	E0.026	E0.009
07/18/2000	E0.026	—	E0.020	—	—	—	E0.035	E0.015	E0.025	E0.011
	0.075	—	E0.019	—	—	—	E0.016	—	—	—
	—	—	—	—	—	—	—	E0.015	—	E0.010
	E1.01	—	E0.039	—	v	—	E0.051	E0.030	E0.025	E0.021
08/15/2000	E0.017	—	—	—	—	—	E0.034	E0.029	E0.021	—
	E0.065	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.082	—	—	—	—	—	E0.034	E0.029	E0.021	—
10/10/2000	E0.003	—	—	—	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.003	—	—	—	—	—	—	—	—	—
11/07/2000	E0.170	—	—	—	—	—	0.350	0.330	0.240	E0.130
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.170	—	—	—	—	—	[1]0.350	[1]0.330	[1]0.240	[1]E0.130

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; $\mu g/m^3$, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(a) anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoran-thene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(a)-anthracene/ chrysenes (64260)	Benzo(*b*) fluoranthene (64239)	Benzo(*k*) fluoranthene (64242)	Benzo(*e*) pyrene (64240)	Benzo(*a*) pyrene (64238)
12/05/2000	E0.120	—	—	—	—	—	0.200	0.270	0.190	—
	E0.130	—	—	—	—	—	E0.032	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.250	—	—	—	—	—	E0.232	0.270	0.190	—
01/02/2001	0.270	—	—	—	—	—	0.480	0.420	0.330	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]0.270	—	—	—	—	—	[1]0.480	[1]0.420	[1]0.330	—
01/30/2001	E0.100	—	E0.098	—	—	—	0.380	0.340	0.290	0.140
	E0.380	E0.210	—	—	—	—	E0.140	E0.084	E0.044	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.480	[1]E0.210	[1]E0.098	—	—	—	[1]E0.520	[1]E0.424	[1]E0.334	[1]0.140
02/27/2001	E0.092	E0.130	—	—	—	—	0.420	0.240	0.240	E0.077
	0.400	0.200	0.180	—	—	—	E0.097	E0.071	E0.034	—
	—	—	—	—	—	—	—	—	—	—
	E0.492	E0.330	0.180	—	—	—	E0.517	E0.311	E0.274	E0.077
03/27/2001	E0.020	—	—	—	—	—	—	—	—	—
	E0.030	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.050	—	—	—	—	—	—	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; $\mu g/m^3$, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(a) anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoran-thene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(a)-anthracene/ chrysenes (64260)	Benzo(*b*) fluoranthene (64239)	Benzo(*k*) fluoranthene (64242)	Benzo(*e*) pyrene (64240)	Benzo(*a*) pyrene (64238)
06/19/2001	—	—	—	—	—	—	—	—	—	—
	E0.040	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.040	—	—	—	—	—	—	—	—	—
08/08/2001	E0.020	—	—	—	—	—	—	—	—	—
	E0.050	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.070	—	—	—	—	—	—	—	—	—
09/04/2001	E0.020	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Total	E0.020	—	—	—	—	—	—	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Perylene (64421)	C1-252 Isomers, C1-methylated benzo-pyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)-anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*)-anthracene/ chrysenes (64270)	Benzo(*ghi*) perylene (64241)	Indeno (1,2,3-*cd*) pyrene (64343)	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)
*05/11/1999	NA	NA	NA	NA	NA	0.045	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NT	NT	NT	NT	NT	[1]0.045	NT	NT	NT	NT
*06/01/1999	NA	NA	NA	NA	NA	0.048	0.036	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NT	NT	NT	NT	NT	[1]0.048	[1]0.036	NT	NT	NT
*06/22/1999	NA	NA	NA	NA	NA	0.055	0.036	NA	NA	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NT	NT	NT	NT	NT	[1]0.055	[1]0.036	NT	NT	NT
*07/13/1999	—	—	—	—	—	E0.024	E0.017	E0.034	—	—
	—	—	—	—	—	E0.008	—	—	—	—
	—	—	—	—	—	E0.009	—	—	—	—
	—	—	—	—	—	E0.041	E0.017	E0.034	—	—
*08/03/1999	—	—	—	—	—	E0.012	E0.013	—	—	—
	—	—	—	—	—	E0.014	E0.008	—	—	—
	—	—	—	—	—	E0.016	E0.021	—	—	—
	—	—	—	—	—	E0.042	E0.042	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Perylene (64421)	C1-252 Isomers, C1-methylated benzo-pyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)-anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*)-anthracene/ chrysenes (64270)	Benzo(*ghi*) perylene (64241)	Indeno (1,2,3-*cd*) pyrene (64343)	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)
*08/24/1999	E0.026	—	—	—	—	E0.026	E0.027	—	—	—
	—	—	—	—	—	E0.019	E0.018	—	—	—
	—	—	—	—	—	E0.014	E0.019	—	—	—
	E0.026	—	—	—	—	E0.059	E0.064	—	—	—
*09/14/1999	—	—	—	—	—	E0.037	E0.033	—	—	—
	E0.018	—	—	—	—	E0.016	E0.024	—	—	—
	E0.018	—	—	—	—	E0.011	—	—	—	—
	E0.036	—	—	—	—	E0.064	E0.057	—	—	—
10/05/1999	—	—	—	—	—	0.107	E0.054	E0.012	—	—
	—	—	—	—	—	E0.026	E0.029	—	—	—
	E0.016	—	—	—	—	E0.023	E0.029	—	—	—
	E0.016	—	—	—	—	E0.156	E0.112	E0.012	—	—
10/26/1999	—	—	—	—	—	0.262	E0.140	—	—	—
	—	—	—	—	—	E0.039	E0.040	—	—	—
	—	—	—	—	—	E0.017	E0.020	—	—	—
	—	—	—	—	—	E0.318	E0.200	—	—	—
11/16/1999	E0.014	—	—	—	—	E0.091	E0.067	E0.014	—	—
	—	—	—	—	—	E0.044	E0.032	—	—	—
	E0.014	—	—	—	—	E0.036	E0.026	—	—	—
	E0.028	—	—	—	—	E0.171	E0.125	E0.014	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; $\mu g/m^3$, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Perylene (64421)	C1-252 Isomers, C1-methylated benzo-pyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)-anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*)-anthracene/ chrysenes (64270)	Benzo(*ghi*) perylene (64241)	Indeno (1,2,3-*cd*) pyrene (64343)	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)
12/07/1999	—	E0.162	—	E0.071	—	0.290	0.254	E0.040	—	—
	—	—	—	—	—	E0.091	E0.058	E0.014	—	—
	E0.013	—	—	—	—	E0.059	E0.040	E0.021	—	—
	E0.013	E0.162	—	E0.071	—	E0.440	E0.352	E0.075	—	—
01/04/2000	—	0.390	—	—	—	0.440	0.300	0.050	—	—
	—	—	—	—	—	E0.047	E0.029	E0.015	—	—
	—	—	—	—	—	E0.041	E0.027	E0.013	—	—
	—	0.390	—	—	—	E0.488	E0.356	E0.078	—	—
03/28/2000	E0.009	E0.017	—	—	—	E0.040	E0.026	—	—	—
	E0.005	—	—	—	—	E0.012	E0.011	—	—	—
	—	—	—	—	—	E0.008	E0.010	—	—	—
	E0.014	E0.017	—	—	—	E0.060	E0.047	—	—	—
04/25/2000	E0.014	—	—	—	—	E0.046	E0.027	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.014	—	—	—	—	E0.046	E0.027	—	—	—
05/23/2000	E0.007	—	—	—	—	E0.028	E0.022	E0.012	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.007	—	—	—	—	E0.028	E0.022	E0.012	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Perylene (64421)	C1-252 Isomers, C1-methylated benzo-pyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)-anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*)-anthracene/ chrysenes (64270)	Benzo(*ghi*) perylene (64241)	Indeno (1,2,3-*cd*) pyrene (64343)	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)
06/20/2000	—	—	—	—	—	E0.045	E0.026	—	—	—
	—	—	—	—	—	—	E0.011	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	E0.045	E0.037	—	—	—
07/18/2000	—	—	—	—	—	E0.042	E0.026	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	E0.042	E0.026	—	—	—
08/15/2000	—	—	—	—	—	E0.027	E0.022	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	E0.027	E0.022	—	—	—
10/10/2000	—	—	—	—	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	—	—	—	—	—	—	—	—	—	—
11/07/2000	E0.028	E0.034	—	—	—	E0.320	E0.300	E0.058	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.028	[1]E0.034	—	—	—	[1]E0.320	[1]E0.300	[1]E0.058	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Perylene (64421)	C1-252 Isomers, C1-methylated benzo-pyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)-anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*)-anthracene/ chrysenes (64270)	Benzo(*ghi*) perylene (64241)	Indeno (1,2,3-*cd*) pyrene (64343)	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)
12/05/2000	—	—	—	—	—	0.310	0.220	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	0.310	0.220	—	—	—
01/02/2001	—	—	—	—	—	0.450	0.400	0.060	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	—	—	—	—	—	[1]0.450	[1]0.400	[1]0.060	—	—
01/30/2001	E0.021	—	—	—	—	0.550	0.430	E0.050	—	—
	—	—	—	—	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	[1]E0.021	—	—	—	—	[1]0.550	[1]0.430	[1]E0.050	—	—
02/27/2001	—	—	—	—	—	0.300	0.290	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	0.300	0.290	—	—	—
03/27/2001	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; $\mu g/m^3$, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	Perylene (64421)	C1-252 Isomers, C1-methylated benzo-pyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)-anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*)-anthracene/ chrysenes (64270)	Benzo(*ghi*) perylene (64241)	Indeno (1,2,3-*cd*) pyrene (64343)	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)
06/19/2001	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
09/04/2001	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	C5-228 Isomers, C5-alkylated benzo(*a*)anthracene/chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/perylenes (64276)	Coronene (64290)	Nitrobenzene-d5 (surrogate) (90768) (percent)	2-Fluorobiphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
*05/11/1999	NA	NA	0.097	33.7	48.6	82.8
	NA	NA	NA	67.1	70.2	107
	NA	NA	NA	61.4	69.0	101
	—	—	[1]0.097			
*06/01/1999	NA	NA	0.100	11.0	25.7	50.1
	NA	NA	NA	64.8	67.2	100
	NA	NA	NA	55.6	59.1	99.5
	—	—	[1]0.100			
*06/22/1999	NA	NA	0.120	29.1	44.0	71.9
jar broke	NA	NA	NA	NA	NA	NA
jar broke	NA	NA	NA	NA	NA	NA
	—	—	[1]0.120			
*07/13/1999	—	—	E0.120	49.7	64.9	89.9
	—	—	E0.012	73.7	76.9	92.6
	—	—	—	30.9	64.7	94.1
	—	—	E0.132			
*08/03/1999	—	—	E0.019	24.3	69.4	92.2
	—	—	E0.018	85.1	83.0	97.7
	—	—	E0.022	69.6	79.7	98.9
	—	—	E0.059			

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	C5-228 Isomers, C5-alkylated benzo(*a*)anthracene/chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/perylenes (64276)	Coronene (64290)	Nitrobenzene-d5 (surrogate) (90768) (percent)	2-Fluorobiphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
*08/24/1999	—	—	E0.032	64.3	75.8	96.7
	—	—	E0.024	81.5	89.2	108
	—	—	E0.021	80.8	87.3	106
	—	—	E0.077			
*09/14/1999	—	—	E0.042	63.6	70.8	89.1
	—	—	E0.027	80.8	82.4	98.2
	—	—	E0.016	78.2	85.0	96.4
	—	—	E0.085			
10/05/1999	—	—	0.103	39.3	80.4	105
	—	—	E0.032	95.2	99.0	118
	—	—	E0.026	72.2	89.4	113
	—	—	E0.161			
10/26/1999	—	—	0.234	33.6	78.2	112
	—	—	E0.041	73.6	90.2	114
	—	—	E0.020	70.5	91.3	110
	—	—	E0.295			
11/16/1999	—	—	E0.067	39.7	68.8	87.6
	—	—	E0.031	69.4	103	114
	—	—	E0.021	83.1	126	125
	—	—	E0.119			

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	C5-228 Isomers, C5-alkylated benzo(*a*)anthracene/chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/perylenes (64276)	Coronene (64290)	Nitrobenzene-d5 (surrogate) (90768) (percent)	2-Fluorobiphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
12/07/1999	—	—	0.212	65.8	92.2	113
	—	—	E0.066	58.2	106	124
	—	—	E0.042	66.3	99.2	121
	—	—	E0.320			
01/04/2000	—	—	E0.280	101	95.9	122
	—	—	E0.033	98.0	118	128
	—	—	E0.026	86.3	119	132
	—	—	E0.339			
03/28/2000	—	—	E0.038	93.3	86.5	117
	—	—	E0.012	11.1	109	121
	—	—	E0.009	87.5	105	120
	—	—	E0.059			
04/25/2000	—	—	E0.046	55.2	72.7	108
	—	—	—	104	113	127
	—	—	—	93.0	101	121
	—	—	E0.046			
05/23/2000	—	—	0.026	88.5	96.7	127
	—	—	—	105	118	132
	—	—	—	115	117	129
	—	—	0.026			

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	C5-228 Isomers, C5-alkylated benzo(*a*)anthracene/chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/perylenes (64276)	Coronene (64290)	Nitrobenzene-d5 (surrogate) (90768) (percent)	2-Fluorobiphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
06/20/2000	—	—	E0.043	90.8	99.1	127
	—	—	—	32.6	35.2	41.7
	—	—	—	106	121	126
	—	—	E0.043			
07/18/2000	—	—	E0.041	105	94.8	128
	—	—	—	129	124	138
	—	—	—	97.5	116	128
	—	—	E0.041			
08/15/2000	—	—	E0.021	9.14	14.7	48.9
	—	—	—	73.2	99.8	105
	—	—	—	67.4	71.3	104
	—	—	E0.021			
10/10/2000	—	—	—	16.3	20.9	60.2
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	—	—	—			

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	C5-228 Isomers, C5-alkylated benzo(*a*)anthracene/chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/perylenes (64276)	Coronene (64290)	Nitrobenzene-d5 (surrogate) (90768) (percent)	2-Fluorobiphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
11/07/2000	—	—	E0.130	20.5	24.3	67.6
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	—	—	[1]E0.130			
12/05/2000	—	—	E0.130	49.1	72.0	107
	—	—	—	0.00	59.9	115
	—	—	—	0.00	53.8	116
	—	—	E0.130			
01/02/2001	—	—	E0.260	29.1	38.5	61.9
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	—	—	[1]E0.260			
01/30/2001	—	—	E0.320	47.7	63.8	91.4
	—	—	—	57.0	89.3	111
	NA	NA	NA	NA	NA	NA
	—	—	[1]E0.320			
02/27/2001	—	—	E0.240	24.3	34.7	68.8
	—	—	—	76.9	97.8	106
	—	—	—	72.0	88.7	119
	—	—	E0.240			

[1]See footnote at end of table.

Table 6. Analytical results for polycyclic aromatic hydrocarbon compounds in air for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. m^3, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m^3, micrograms per cubic meter; PUF, polyurethane foam; *, samples collected prior to time frame of this report (water years 2000 and 2001); —, compound was not detected at a concentration above laboratory reporting level]

Begin date	C5-228 Isomers, C5-alkylated benzo(*a*)anthracene/chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/perylenes (64276)	Coronene (64290)	Nitrobenzene-d5 (surrogate) (90768) (percent)	2-Fluorobiphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
03/27/2001	—	—	—	23.9	34.9	74.0
	—	—	—	73.8	93.8	95.9
	—	—	—	67.4	92.1	120
	—	—	—			
06/19/2001	—	—	—	16.6	21.8	62.4
	—	—	—	72.5	82.3	119
	—	—	—	62.9	80.4	120
	—	—	—			
08/08/2001	—	—	—	34.8	33.6	115
	—	—	—	94.5	93.6	102
	—	—	—	60.8	87.2	117
	—	—	—			
09/04/2001	—	—	—	51.4	52.9	137
	—	—	—	60.2	63.2	100
	—	—	—	62.8	77.3	109
Total	—	—	—			

[1]Partial total: Data not available for all filters.

Table 7A. Pesticide compounds analyzed in air from modified U.S. Geological Survey National Water Quality Laboratory schedules for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Analytical results for pesticides, if detected, are shown on tables 7B,7C]

Pesticide compound names	
Modified schedule 2001	**Modified schedule 2002**
(Detection results shown on table 7B)	**(Detection results shown on table 7C)**
2-Chloro-4-isopropyl amino-6-amino-s-triazine	1,4-Naphthoquinone
Acetochlor	2-(4-*tert*-Butylphenoxy)-cyclohexanol
Alachlor	2,5-Dichloroaniline
α-HCH	2-Amino-*N*-isopropylbenzamide
Atrazine	2-Chloro-2,6-diethylacetanilide
Azinphos-methyl	2-Ethyl-6-methylaniline
Benfluralin	3-Trifluoromethylaniline
Carbaryl	3,4-Dichloroaniline
Carbofuran	3,5-Dichloroaniline
Chlorpyrifos	4,4′-Dichlorobenzophenone
Cyanazine	4-Chloro-2-methylphenol
DCPA (Dacthal)	4-Chlorobenzylmethylsulfone
Diazinon	α-Endosulfan
Dieldrin	β-Endosulfan
Dimethoate	Azinphos-methyl oxygen analog
Disulfoton	Bifenthrin
α-Endosulfan	*cis*-Propiconazole
β-Endosulfan	Cycloate
Endosulfan sulfate	Cyfluthrin
Ethalfluralin	λ-Cyhalothrin
Ethion	Cypermethrin
Ethoprop	Dimethoate
Fenthion sulfone	Disulfoton sulfone
Fenthion sulfone oxygen analog	*E*-Dimethomorph
Fonofos	*Z*-Dimethomorph
Lindane	Endosulfan ether
Linuron	Endosulfan sulfate
Malathion	Ethion
Methyl parathion	Ethion monoxon
Metolachlor	Fenthion
Metribuzin	Fenthion sulfoxide
Molinate	Flumetralin
Napropamide	Fonofos oxygen analog
p,*p*′-DDE	Iprodione
Parathion	Isofenphos

Table 7A. Pesticide compounds analyzed in air from modified U.S. Geological Survey National Water Quality laboratory schedules for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Analytical results for pesticides, if detected, are shown on tables 7B,7C]

Pesticide compound names	
Modified schedule 2001	**Modified schedule 2002**
(Detection results shown on table 7B)	**(Detection results shown on table 7C)**
Pendimethalin	Malaoxon
cis-Permethrin	Methidathion
Phorate	Methyl paraoxon
Prometon	Myclobutanil
Pronamide	*O*-Ethyl-*O*-methyl-*S*-propylphosphorothioate
Propachlor	Oxyfluorfen
Propanil	Paraoxon-ethyl
Propargite	Profenofos
Simazine	Prometryn
Tebuthiuron	Propetamphos
Terbufos	Sulfotepp
Terbuthylazine	Tebupirimphos (Phostebupirim)
Thiobencarb	Tebupirimphos oxygen analog
Triallate	Tefluthrin
Trifluralin	Temephos
	Terbufos oxygen analog sulfone
Diazinon-d10 (percent)	Terbuthylazine
α-HCH-d6 (percent)	Terbutos sulfone
	trans-Propiconazole
	Tribuphos
	Diazinon-d10 (percent)
	α-HCH-d6 (percent)

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
10/05/1999	GFF	99.348	259.9	0.014	54.2	—	—	0.06	—	0.24
	Top PUF					—	—	1.48	0.08	3.70
	Bottom PUF					—	—	—	—	—
	Total					—	—	1.54	0.08	3.94
10/26/1999	GFF	99.348	274.5	0.015	55.7	—	—	0.07	—	0.16
	Top PUF					0.06	—	1.52	0.07	4.00
	Bottom PUF					—	—	—	—	—
	Total					0.06	—	1.59	0.07	4.16
11/16/1999	GFF	99.348	307.6	0.007	21.1	—	—	—	—	0.07
	Top PUF					—	—	0.57	0.05	2.04
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.57	0.05	2.11
12/07/1999	GFF	99.348	289.3	0.011	36.6	—	—	—	—	—
	Top PUF					—	—	0.40	0.05	1.11
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.40	0.05	1.11
01/04/2000	GFF	00.222	393.5	0.016	39.4	—	0.08	—	—	0.09
	Top PUF					—	—	0.41	—	0.57
	Bottom PUF					—	—	—	—	—
	Total					—	0.08	0.41	—	0.66

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
03/28/2000	GFF	00.222	584.5	0.023	38.7	—	—	—	—	—
	Top PUF					—	—	0.43	0.05	0.71
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.43	0.05	0.71
04/25/2000	GFF	00.222	474.4	0.023	48.9	—	—	—	—	—
	Top PUF					—	—	0.54	0.04	1.23
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.54	0.04	1.23
05/23/2000	GFF	00.222	550.4	0.021	38.7	—	—	—	—	—
	Top PUF					—	—	0.57	0.04	1.43
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.57	0.04	1.43
06/20/2000	GFF	00.222	541.5	0.024	44.1	—	—	—	—	—
	Top PUF					—	—	0.33	0.02	0.90
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.33	0.02	0.90
07/18/2000	GFF	00.222	523.7	0.032	61.5	—	—	—	—	—
	Top PUF					—	—	0.91	0.05	2.09
	Bottom PUF					—	—	—	—	0.38
	Total					—	—	0.91	0.05	2.47

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
08/15/2000	GFF	02.037	504.4	0.029	57.5	—	—	—	—	—
	Top PUF					—	—	—	—	—
	Bottom PUF					—	—	—	—	—
	Total					—	—	—	—	—
10/10/2000	GFF	02.037	316.6	0.024	76.8	—	—	—	—	—
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—	—	—
11/07/2000	GFF	02.037	329.5	0.007	21.2	—	—	—	—	0.07
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—	—	[1]0.07
12/05/2000	GFF	02.037	348.8	0.011	31.5	—	—	0.01	—	0.09
	Top PUF					—	—	0.38	0.02	0.45
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.39	0.02	0.54
01/02/2001	GFF	02.037	315.7	0.022	70.3	—	0.05	—	—	0.06
	Top PUF					—	—	—	—	—
	Bottom PUF					—	—	—	—	—
	Total					—	0.05	—	—	0.06

[1]Partial total: Data not available for all filters.

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
01/30/2001	GFF	02.037	360.4	0.014	37.7	—	—	—	—	0.04
	Top PUF					0.10	—	0.46	—	1.10
	Bottom PUF					—	—	—	—	—
	Total					0.10	—	0.46	—	1.14
02/27/2001	GFF	02.037	234.1	0.009	39.3	—	—	—	—	—
	Top PUF					0.10	—	0.21	—	0.63
	Bottom PUF					—	—	—	—	—
	Total					0.10	—	0.21	—	0.63
03/27/2001	GFF	02.037	338.8	0.022	65.5	—	0.03	—	—	—
	Top PUF					—	—	0.14	0.04	0.23
	Bottom PUF					—	—	—	—	—
	Total					—	0.03	0.14	0.04	0.23
06/19/2001	GFF	02.037	287.9	0.012	42.4	—	—	—	—	—
	Top PUF					0.04	—	0.81	0.03	1.95
	Bottom PUF					—	—	—	—	—
	Total					0.04	—	0.81	0.03	1.95
08/08/2001	GFF	02.037	288.0	0.015	50.7	—	—	—	—	0.04
	Top PUF					—	—	0.30	0.11	1.53
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.30	0.11	1.57

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particles (µg/m^3)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
09/04/2001	GFF	02.037	281.5	0.014	48.3	—	—	—	—	—
	Top PUF					—	—	0.28	0.05	1.08
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.28	0.05	1.08

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Malathion	*p,p'*-DDE	*cis*-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
10/05/1999	0.08	—	0.09	—	—	70.0	65.0
	0.53	0.06	0.07	—	0.07	87.4	69.0
	—	—	—	—	0.05	88.2	72.7
	0.61	0.06	0.16	—	0.12		
10/26/1999	0.08	—	0.11	—	—	72.6	67.2
	0.50	0.06	0.07	—	0.08	80.6	68.8
	—	—	—	—	0.06	94.4	69.0
	0.58	0.06	0.18	—	0.14		
11/16/1999	—	—	—	—	—	58.2	57.2
	0.22	0.04	—	—	0.05	89.6	62.6
	—	—	—	—	—	88.4	67.0
	0.22	0.04	—	—	0.05		
12/07/1999	0.07	—	—	—	—	75.6	72.2
	0.23	0.05	—	—	—	83.0	63.0
	—	—	—	—	—	96.2	56.6
	0.30	0.05	—	—	—		
01/04/2000	0.11	—	—	—	—	73.9	69.4
	0.18	0.02	—	—	—	80.4	84.5
	—	—	—	—	—	98.4	72.5
	0.29	0.02	—	—	—		

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Malathion	*p,p'*-DDE	*cis*-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
03/28/2000	—	—	—	—	—	74.2	59.1
	0.16	0.04	—	—	0.07	74.2	62.0
	—	—	—	—	—	77.4	66.8
	0.16	0.04	—	—	0.07		
04/25/2000	—	—	—	—	—	68.6	67.6
	0.42	0.05	—	—	0.07	56.3	56.8
	—	—	—	—	0.05	51.9	64..2
	0.42	0.05	—	—	0.12		
05/23/2000	—	—	—	—	—	73.1	69.7
	0.21	0.04	—	—	0.06	65.0	76.7
	—	—	—	—	0.04	68.9	68.9
	0.21	0.04	—	—	0.10		
06/20/2000	—	—	—	—	—	83.4	70.3
	0.17	0.02	—	—	0.03	18.7	24.8
	—	—	—	—	0.03	79.6	67.5
	0.17	0.02	—	—	0.06		
07/18/2000	—	—	—	—	—	87.8	66.7
	0.55	0.06	—	—	0.04	61.3	71.4
	—	—	—	—	0.03	72.4	67.8
	0.55	0.06	—	—	0.07		

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Malathion	*p,p'*-DDE	*cis*-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
08/15/2000	—	—	—	—	—	60.0	35.5
	—	—	—	—	—	97.8	90.0
	—	—	—	—	—	103	88.5
	—	—	—	—	—		
10/10/2000	—	—	—	—	—	46.5	31.2
	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA
	—	—	—	—	—		
11/07/2000	0.03	—	—	—	—	68.0	55.2
	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA
	[1]0.03	—	—	—	—		
12/05/2000	0.04	—	—	—	—	90.5	79.5
	0.04	0.03	—	0.90	0.15	107	90.2
	—	—	—	—	—	90.0	76.0
	0.08	0.03	—	0.09	0.15		
01/02/2001	—	0.01	—	—	—	66.0	51.8
	—	—	—	—	—	NA	NA
	—	—	—	—	—	NA	NA
	—	0.01	—	—	—		

[1]Partial total: Data not available for all filters.

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m^3, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Malathion	*p,p'*-DDE	*cis*-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
01/30/2001	0.02	—	0.14	—	—	55.0	42.8
	0.12	0.03	—	—	0.80	105	90.0
	—	—	—	—	—	NA	NA
	0.14	0.03	0.14	—	0.80		
02/27/2001	—	—	—	—	—	67.8	40.0
	—	0.06	—	—	0.60	98.3	84.5
	—	—	—	—	—	105	84.5
	—	0.06	—	—	0.60		
03/27/2001	—	—	—	—	—	NA	NA
	0.07	0.05	—	—	0.13	96.2	79.0
	—	—	—	—	—	99.0	82.3
	0.07	0.05	—	—	0.13		
06/19/2001	—	—	—	—	—	59.5	43.0
	0.29	0.03	—	—	0.16	104	91.0
	—	—	—	—	0.10	104	84.5
	0.29	0.03	—	—	0.26		
08/08/2001	0.04	—	—	—	—	94.5	75.5
	0.24	0.06	—	—	0.11	96.5	80.2
	—	—	—	—	0.08	102.5	82.8
	0.28	0.06	—	—	0.19		

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; $\mu g/m^3$, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Malathion	*p,p'*-DDE	*cis*-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
09/04/2001	—	—	—	—	—		
	—	—	0.28	0.05	1.08		
	—	—	—	—	—		
	—	—	0.28	0.05	1.08		

Table 7C. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. µg/m^3, micrograms per cubic meter; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particulate (ng/m^3)	1,4-Naphthoquinone (estimated) (64189)	Bifenthrin (64247)	Malaoxon (64355)	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
10/05/1999	GFF	99.348	259.9	0.014	54.2	—	0.11	0.30	51.0	54.0
	Top PUF					0.14	—	—	104	76.0
	Bottom PUF					—	—	—	91.0	71.0
	Total					0.14	0.11	0.30		
10/26/1999	GFF	99.348	274.5	0.015	55.7	—	0.05	0.22	63.0	60.0
	Top PUF					0.15	—	—	109	73.0
	Bottom PUF					0.08	—	—	99.0	77.0
	Total					0.22	0.05	0.22		
11/16/1999	GFF	99.348	307.6	0.007	21.1	—	—	—	33.0	47.0
	Top PUF					0.09	—	—	74.0	70.0
	Bottom PUF					—	—	—	86.0	68.0
	Total					0.09	—	—		
12/07/1999	GFF	99.348	289.3	0.011	36.6	—	—	—	66.0	69.0
	Top PUF					—	—	—	26.0	75.0
	Bottom PUF					—	—	—	93.0	73.0
	Total					—	—	—		
01/04/2000	GFF	00.222	393.5	0.016	39.4	—	—	—	95.0	81.0
	Top PUF					—	—	—	111	83.0
	Bottom PUF					—	—	—	118	85.0
	Total					—	—	—		

Table 7C. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. $\mu g/m^3$, micrograms per cubic meter; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particulate (ng/m^3)	1,4-Naphthoquinone (estimated) (64189)	Bifenthrin (64247)	Malaoxon (64355)	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
03/28/2000	GFF	00.222	584.5	0.023	38.7	—	—	0.10	88.0	78.0
	Top PUF					—	—	—	119	86.0
	Bottom PUF					—	—	—	95.0	75.0
	Total					—	—	0.10		
04/25/2000	GFF	00.222	474.4	0.023	48.9	—	—	—	91.0	73.0
	Top PUF					—	—	—	79.0	101
	Bottom PUF					—	—	—	87.0	81.0
	Total					—	—	—		
05/23/2000	GFF	00.222	550.4	0.021	38.7	—	—	0.07	91.0	86.0
	Top PUF					—	—	—	142	90.0
	Bottom PUF					—	—	—	135	87.0
	Total					—	—	0.07		
06/20/2000	GFF	00.222	541.5	0.024	44.1	—	—	0.10	105	78.0
	Top PUF					—	—	—	47.0	28.0
	Bottom PUF					—	—	—	100	69.0
	Total					—	—	0.10		
07/18/2000	GFF	00.222	523.7	0.032	61.5	—	—	0.06	103	79.0
	Top PUF					—	—	—	98.0	95.0
	Bottom PUF					—	—	—	105	82.0
	Total					—	—	0.06		
08/15/2000	GFF	02.037	504.4	0.029	57.5	—	—	—	60	35.5
	Top PUF					—	—	—	97.8	90.0
	Bottom PUF					—	—	—	103	88.5
	Total					—	—	—		

Table 7C. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. µg/m^3, micrograms per cubic meter; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particulate (ng/m^3)	1,4-Naphthoquinone (estimated) (64189)	Bifenthrin (64247)	Malaoxon (64355)	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
10/10/2000	GFF	02.037	316.6	0.024	76.8	—	—	—	41.0	30.6
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—		
11/07/2000	GFF	02.037	329.5	0.007	21.2	—	0.05	0.08	67.4	53.4
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	[1]0.05	[1]0.08		
12/05/2000	GFF	02.037	348.8	0.011	31.5	—	—	0.16	74.6	75.7
	Top PUF					—	—	—	82.7	82.5
	Bottom PUF					—	—	—	91.9	74.6
	Total					—	—	0.16		
01/02/2001	GFF	02.037	315.7	0.022	70.3	—	0.06	0.14	64.9	45.0
	Top PUF					NA	NA	NA	NA	NA
	Bottom PUF					NA	NA	NA	NA	NA
	Total					NT	[1]0.06	[1]0.14		
01/30/2001	GFF	02.037	360.4	0.014	37.7	—	0.07	0.07	56.6	41.8
	Top PUF					0.15	—	—	99.3	88.5
	Bottom PUF					NA	NA	NA	NA	NA
	Total					[1]0.150	[1]0.07	[1]0.07		

[1]Partial total: Data not available for all filters.

Table 7C. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m^3) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. $\mu g/m^3$, micrograms per cubic meter; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particulate (ng/m^3)	1,4-Naphthoquinone (estimated) (64189)	Bifenthrin (64247)	Malaoxon (64355)	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
02/27/2001	GFF	02.037	234.1	0.009	39.3	—	—	—	64.8	40.1
	Top PUF					—	—	—	98.3	77.4
	Bottom PUF					—	—	—	90.9	77.3
	Total					—	—	—		
03/27/2001	GFF	02.037	338.8	0.022	65.5	—	—	0.08	NA	NA
	Top PUF					—	—	—	80.3	82.7
	Bottom PUF					—	—	—	94.0	82.3
	Total					—	—	0.08		
06/19/2001	GFF	02.037	287.9	0.012	42.4	—	0.06	0.27	60.6	42.5
	Top PUF					—	—	—	93.0	81.5
	Bottom PUF					—	—	—	100.9	81.9
	Total					—	0.06	0.27		
08/08/2001	GFF	02.037	288.0	0.015	50.7	—	0.06	0.29	98.9	72.0
	Top PUF					—	—	—	71.3	86.7
	Bottom PUF					—	—	—	93.2	80.8
	Total					—	0.06	0.29		
09/04/2001	GFF	02.037	281.5	0.014	48.3	—	0.06	0.33	112.9	83.6
	Top PUF					—	—	—	99.1	84.3
	Bottom PUF			02.037		—	—	—	97.8	85.4
	Total					—	0.06	0.33		

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	1,4-Naphthoquinone (61611)	1-Naphthol (49295)	2-(4-*tert*-Butylphenoxy)-cyclohexanol (61637)	2,5-Dichloroaniline (61614)	2-Amino-*N*-isopropylbenzamide (61617)	2-Chloro-2,6-diethylacetanilide (61618)	2-Ethyl-6-methylaniline (61620)
[LRL]			[0.008]	[0.005]	[0.02]	[0.005]	[0.005]	[0.008]	[0.005]
SWR near pump tower	09/05/2000	1150	—	—	—	—	—	—	—
SWR center of minimum pool	06/12/2000	1250	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	01/29/2000	0245	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	01/29/2000	1445	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	01/30/2000	0200	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	01/30/2000	1405	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	03/13/2000	1500	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	06/12/2000	1630	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	09/05/2000	1600	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	01/29/2000	1000	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	3-Trifluoro methyl aniline (61630)	3,4-Dichloro-aniline (61625)	3,5-Dichlo-roaniline (61627)	4,4′-Dichlo-robenzophe-none (61631)	4-Chloro-2-methyl-phenol (61633)	4-Chloroph-nyl methyl sulfone (61634)	Azinphos-methyl oxygen analog (61635)	Bifen-thrin (61580)	Chlorpy-rifos oxygen analog (61636)
[LRL]	[0.005]	[0.008]	[0.005]	[0.008]	[0.005]	[0.008]	[0.03]	[0.005]	[0.02]
SWR near pump tower	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	E0.006	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	E0.003	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	0.019	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	E0.003	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Cycloate (04031)	Cyfluthrin (61585)	λ-Cyhalothrin (61595)	Cypermethrin (61586)	Dichlorvos (38775)	Dicrotophos (38454)	Dimethoate (82662)	*E*-Dimethomorph (79844)	*Z*-Dimethomorph (79845)	Disulfoton sulfone (61640)
[LRL]	[0.02]	[0.03]	[0.008]	[0.03]	[0.005]	[0.02]	[0.005]	[0.03]	[0.03]	[0.005]
SWR near pump tower	—	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Disulfoton sulfoxide (61641)	α-Endosulfan (34362)	β-Endosulfan (34357)	Endosulfan ether (61642)	Endosulfan sulfate (61590)	Ethion (82346)	Ethion monoxon (61644)	Fenamiphos (61591)	Fenamiphos sulfone (61645)
[LRL]	[0.02]	[0.02]	[0.02]	[0.02]	[0.008]	[0.005]	[0.008]	[0.02]	[0.008]
SWR near pump tower	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Fenamiphos sulfoxide (61646)	Fenthion (38801)	Fenthion sulfone (61648)	Fenthion sulfoxide (61647)	Flumetra-lin (61592)	Fonofos oxygen analog (61649)	Hexazi-none (04025)	Iprodione (61593)	Isofenphos (61594)
[LRL]	[0.03]	[0.005]	[0.008]	[0.008]	[0.02]	[0.02]	[0.008]	[0.03]	[0.008]
SWR near pump tower	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Malaoxon (61652)	Metalaxyl (61596)	Methidathion (61598)	Methyl paraoxon (61664)	Myclobutanil (61599)	*O*-Ethyl-*O*-methyl-*S*-propylphosphorothioate (61660)	Oxyfluorfen (61600)	Paraoxon-ethyl (61663)	Phorate oxygen analog (61666)
[LRL]	[0.02]	[0.02]	[0.008]	[0.008]	[0.008]	[0.005]	[0.02]	[0.03]	[0.03]
SWR near pump tower	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low—flow diversion above SWR	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant-imported raw water at SWR	—	—	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Phosmet (61601)	Phosmet oxon (61668)	Profenofos (61603)	Prometryn (04036)	Propetamphos (61604)	*cis*-Propiconazole (79846)	*trans*-Propiconazole (79847)	Sulfotepp (61605)	Sulprofos (38716)
[LRL]	[0.008]	[0.02]	[0.008]	[0.005]	[0.02]	[0.005]	[0.005]	[0.005]	[0.005]
SWR near pump tower	—	—	—	—	—	—	—	—	—
SWR center of minimum pool	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Sweetwater River at low-flow diversion above SWR	—	—	—	—	—	—	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	—	—

Table 8. Analytical results for first special study—pesticide compounds in filtered water using U.S. Geological Survey National Water Quality Laboratory Schedule 2002—in Sweetwater River and Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. LRL, laboratory reporting level; E, estimated value; (percent), percent recovery; mm/dd/yyyy, month, day, year; SWR, Sweetwater Reservoir: all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Tebupirim-phos oxygen analog (61669)	Tefluthrin (61606)	Temephos (61607)	Tebupirim-phos (61602)	Terbufos oxygen analog sulfone (61674)	Terbu-thylazine (04022)	Tribufos (61610)	Diazinon-d10 (surrogate) (99223) (percent)	α-HCH-d6 (surrogate) (99224) (percent)
[LRL]	[0.02]	[0.008]	[0.03]	[0.008]	[0.02]	(0.008)	[0.02]		
SWR near pump tower	—	—	—	—	—	—	—	83.0	81.2
SWR center of minimum pool	—	—	—	—	—	—	—	107	97.4
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	103	83.8
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	138	114
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	178	138
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	138	108
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	99.2	89.3
Sweetwater River at low-flow diversion dam above SWR	—	—	—	—	—	—	—	96.2	92.2
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	85.4	108
Sweetwater River below Steele Canyon Bridge at Cottonwood Golf Course	—	—	—	—	—	—	—	246	117

Table 9A. Analytical results for second special study—pesticides in semipermeable membrane device (SPMD) samples—for the Sweetwater Reservoir, San Diego County, California.

[Time is denoted in 24-hour scale. SWR, Sweetwater Reservoir; E, estimated value; kg, kilogram; µg/kg, microgram per kilogram; mm/dd/yyyy, month/day/ year; <, compound was not detected at a concentration above the laboratory reporting level]

Station name:	SWR near pump tower (30-day SPMD sample)	SWR near pump tower (60-day SPMD sample)	SWR near pump tower (trip blank)	SWR near pump tower (60-day processing blank)
Begin date (mm/dd/yyyy):	**01/25/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**
Begin time:	**1000**	**1000**	**1005**	**1010**
End date (mm/dd/yyyy):	**02/22/2001**	**03/21/2001**	**03/21/2001**	**03/21/2001**
End time:	**1000**	**1600**	**1605**	**1610**
Analyte	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
α-HCH	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene	<5.0	<5.0	<5.0	<5.0
Pentachloroanisole	<5.0	<5.0	<5.0	<5.0
β-HCH	<5.0	<5.0	<5.0	<5.0
γ-HCH (Lindane)	<5.0	<5.0	<5.0	<5.0
δ-HCH	<5.0	<5.0	<5.0	<5.0
Heptachlor	<5.0	<5.0	<5.0	<5.0
Aldrin	<5.0	<5.0	<5.0	<5.0
DPCA (Dacthal)	<5.0	<5.0	<5.0	<5.0
Oxychlordane	<5.0	<5.0	<5.0	<5.0
trans-Chlorodane	E2.2	E3.7	E3.0	<5.0
o,*p*-DDE	<5.0	<5.0	<5.0	<5.0
cis-Chlordane	E2.5	E4.2	E2.6	<5.0
trans-Nonachlor	E1.7	E1.0	E1.0	<5.0
Dieldrin	<5.0	<5.0	<5.0	<5.0
p,*p*-DDE	<5.0	E2.9	<5.0	<5.0
o,*p*-DDD	<5.0	<5.0	<5.0	<5.0
Endrin	<5.0	<5.0	<5.0	<5.0
cis-Nonachlor	<5.0	<5.0	<5.0	<5.0
p,*p*-DDD	<5.0	<5.0	<5.0	<5.0
o,*p*-DDT	<5.0	<5.0	<5.0	<5.0
p,*p*-DDT	<5.0	<5.0	<5.0	<5.0
o,*p*-Methoxychlor	<5.0	<5.0	<5.0	<5.0
p,*p*-Methoxychlor	<5.0	<5.0	<5.0	<5.0
Mirex	<5.0	<5.0	<5.0	<5.0
Toxaphene	<200	<200	<200	<200
PCBs-Total	<50	<50	<50	<50
SPMD weight (kg)	13.497	8.998	8.998	8.998

Table 9B. Analytical results for second special study—polycyclic aromatic hydrocarbons and other semivolatile organic compounds in semipermeable membrane device (SPMD) samples—for the Sweetwater Reservoir, San Diego County, California.

[Time is denoted in 24-hour scale. E, estimated value; ID, identification; SWR, Sweetwater Reservoir; mm/dd/yyyy, month/day/year; µg/kg, microgram per kilogram; <, compound was not detected at a concentration above the laboratory reporting level]

Station name	Lab spike	Lab blank	SWR near pump tower (30-day SPMD sample)	SWR near pump tower (60-day SPMD sample)	SWR near pump tower (trip blank)	SWR near pump tower (60-day processing blank)
Begin date (mm/dd/yyyy):	**08/27/2001**	**08/27/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**
Begin time:			**1000**	**1000**	**1005**	**1010**
End date (mm/dd/yyyy):			**02/22/2001**	**03/21/2001**	**03/21/2001**	**03/21/2001**
End time:			**1000**	**1600**	**1605**	**1610**
Compounds	**Percent recovered**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
Phenol	46.3	<50	E21.7	E23.9	E20.2	E36.6
Bis(-2-chloroethyl) ether	48.3	<50	<100	<100	<100	<100
2-Chlorophenol	50.5	<50	<100	<100	<100	<100
1,3-Dichlorobenzene	54.7	<50	<100	<100	<100	<100
1,4-Dichlorobenzene	45.8	<50	<100	<100	<100	<100
1,2-Dichlorobenzene	51.0	<50	<100	<100	<100	<100
Bis(2-chloroisopropyl) ether	50.7	<50	<100	<100	<100	<100
Hexachloroethane	51.5	<50	<100	<100	<100	<100
N-Nitrosodi-*n*-propylamine	56.8	<50	<100	<100	<100	<100
p-Cresol	57.3	<50	<100	<100	<100	<100
Nitrobenzene	49.3	<50	<100	<100	<100	<100
Isophorone	57.3	<50	<100	<100	<100	<100
2-Nitrophenol	52.5	<50	<100	<100	<100	<100
C8-alkyl-phenol	55.7	<50	<100	<100	<100	<100
Bis(-2-chloroethoxy)methane	59.0	<50	<100	<100	<100	<100
2,4-Dichlorophenol	64.3	<50	<100	<100	<100	<100
3,5-Dimethylphenol	58.7	<50	<100	<100	E3.01	<100
1,2,4-Trichlorobenzene	51.3	<50	<100	<100	<100	<100
Naphthalene	63.0	<50	E3.8	E5.0	E6.13	<100
2,4,6-Trimethyphenol	29.5	<50	<100	<100	<100	<100
Hexachlorobutadiene	63.0	<50	<100	<100	<100	<100
Quinoline	77.2	<50	<100	<100	<100	<100
Isoquinoline	75.3	<50	<100	<100	<100	<100
4-Chloro-3-methylphenol	89.8	<50	<100	<100	E16.3	<100
Hexachlorocyclopentadiene	48.3	<50	<100	<100	<100	<100
2,4,6-Trichlorophenol	83.3	<50	<100	<100	<100	<100
2-Chloronaphthalene	74.2	<50	<100	<100	<100	<100
2-Ethylnaphthalene	74.3	<50	<100	<100	<100	<100
2,6-Dimethylnaphthalene	73.5	<50	<100	<100	<100	<100
1,6-Dimethylnaphthalene	77.8	<50	<100	<100	<100	<100
Acenaphthylene	75.3	<50	<100	<100	<100	<100

Table 9B. Analytical results for second special study—polycyclic aromatic hydrocarbons and other semivolatile organic compounds in semipermeable membrane device (SPMD) samples—for the Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. E, estimated value; ID, identification; SWR, Sweetwater Reservoir; mm/dd/yyyy, month/day/year; µg/kg, microgram per kilogram; <, compound was not detected at a concentration above the laboratory reporting level]

Station name	Lab spike	Lab blank	SWR near pump tower (30-day SPMD sample)	SWR near pump tower (60-day SPMD sample)	SWR near pump tower (trip blank)	SWR near pump tower (60-day processing blank)
Begin date (mm/dd/yyyy):	**08/27/2001**	**08/27/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**
Begin time:			**1000**	**1000**	**1005**	**1010**
End date (mm/dd/yyyy):			**02/22/2001**	**03/21/2001**	**03/21/2001**	**03/21/2001**
End time:			**1000**	**1600**	**1605**	**1610**
Compounds	**Percent recovered**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,2-Dimethylnaphthalene	78.5	<50	<100	<100	<100	<100
Dimethylphthalate	87.3	<50	<100	<100	<100	<100
2,6-Dinitrotoluene	88.0	<50	<100	<100	<100	<100
Acenaphthene	78.7	<50	<100	<100	<100	<100
4-Nitrophenol	86.5	<50	<100	<100	<100	<100
2,4-Dinitrotol	84.7	<50	<100	<100	<100	<100
2,4-Dinitrophenol	69.3	<50	<100	<100	<100	<100
2,3,6-Trimethylnaphthalene	83.8	<50	<100	<100	<100	<100
9H-Fluorene	83.2	<50	<100	<100	<100	<100
4-Chlorophenyl phenyl ether	82.2	<50	<100	<100	<100	<100
Diethylphthalate	87.2	<50	<100	<100	<100	<100
N-Nitrosodiphenylamine	88.3	<50	<100	<100	<100	<100
Azo-benzene	84.3	<50	<100	<100	<100	<100
4-Bromophenylphenylether	85.0	<50	<100	<100	<100	<100
1-Methyl-9H-fluorene	86.3	<50	<100	<100	<100	<100
Hexachlorobenzene	87.5	<50	<100	<100	<100	<100
Pentachloroaniline	86.7	<50	<100	<100	<100	<100
Dibenzothiophenate	87.3	<50	<100	<100	<100	<100
Pentachlorophenol	85.5	<50	<100	<100	<100	<100
Pentachloronitrophenol	88.7	<50	<100	<100	<100	<100
Phenanthrene	90.7	<50	E12.2	E7.5	<100	<100
Anthracene	88.0	<50	<100	<100	<100	<100
Acridine	88.7	<50	<100	<100	<100	<100
Phenanthridine	87.8	<50	<100	<100	<100	<100
9H-Carbazol	88.5	<50	<100	<100	<100	<100
2-Methylanthracene	87.0	<50	<100	<100	<100	<100
Benzo(*c*) quinoline	87.5	<50	<100	<100	<100	<100
4,5-Methylenephenanthrene	86.7	<50	<100	<100	<100	<100
1-Methylphenanthrene	86.3	<50	<100	<100	<100	<100
Di-*n*-butyl phthalate	87.8	<50	E22.7	E10.2	E15.1	E3.1
Anthraquinone	88.3	<50	<100	<100	<100	<100

Table 9B. Analytical results for second special study—polycyclic aromatic hydrocarbons and other semivolatile organic compounds in semipermeable membrane device (SPMD) samples—for the Sweetwater Reservoir, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. E, estimated value; ID, identification; SWR, Sweetwater Reservoir; mm/dd/yyyy, month/day/year; µg/kg, microgram per kilogram; <, compound was not detected at a concentration above the laboratory reporting level]

Station name	Lab spike	Lab blank	SWR near pump tower (30-day SPMD sample)	SWR near pump tower (60-day SPMD sample)	SWR near pump tower (trip blank)	SWR near pump tower (60-day processing blank)
Begin date (mm/dd/yyyy):	**08/27/2001**	**08/27/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**	**01/25/2001**
Begin time:			**1000**	**1000**	**1005**	**1010**
End date (mm/dd/yyyy):			**02/22/2001**	**03/21/2001**	**03/21/2001**	**03/21/2001**
End time:			**1000**	**1600**	**1605**	**1610**
Compounds	**Percent recovered**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
Fluoranthene	88.7	<50	E6.1	E7.9	<100	<100
Pyrene	88.3	<50	E3.4	E2.4	<100	<100
1-Methylpyrene	88.0	<50	<100	<100	<100	<100
Butylbenzyl-phthalate	88.3	<50	<100	<100	<100	<100
Benzo(a)anthracene	91.5	<50	<100	<100	<100	<100
Chrysene	95.5	<50	<100	<100	<100	<100
Bis(2-ethylhexyl)phthalate	92.0	<50	E48.9	E27.1	E34.0	E25.8
2,2-Biquinoline	93.3	<50	<100	<100	<100	<100
Di-n-octyl phthalate	94.2	<50	<100	<100	<100	<100
Benzo(*b*)fluoranthene	97.7	<50	<100	<100	<100	<100
Benzo(*k*)fluoranthene	92.0	<50	<100	<100	<100	<100
Benzo(*a*)pyrene	95.7	<50	<100	<100	<100	<100
Indeno(1,2,3-c)pyrene	92.7	<50	<100	<100	<100	<100
Dibenz(*a,h*)anthracene	89.5	<50	<100	<100	<100	<100
Benzo(*g,h,i*)perylene	59.9	<50	<100	<100	<100	<100

Table 10. Analytical results for third special study—dissolved copper—at the Perdue Treatment Plant, the Reynolds Desalination Facility, and Sweetwater Wells, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. E, estimated value; µg/L, microgram per liter; <, compound was not detected at a concentration above the laboratory reporting level]

Station name	Date	Time	Copper (µg/L) (01040)
Perdue Treatment Plant-finished water at Sweetwater Reservoir	April 26, 2001	1110	2.8
Perdue Treatment Plant-finished water at Sweetwater Reservoir	July 24, 2001	1120	2.3
Perdue Treatment Plant-imported raw water at Sweetwater Reservoir	April 26, 2001	1130	4.1
Reynolds Desalination Facility–discharge, 21-hour composite	April 25, 2001	2100	<1.3
Reynolds Desalination Facility–discharge	July 24, 2001	1010	E1.1
Reynolds Desalination Facility–effluent	July 24, 2001	1020	<1
Reynolds Desalination Facility–feed	July 24, 2001	1030	3.7
Reynolds Desalination Facility–inflow	July 24, 2001	1040	<1
17S/2W-27N2	July 24, 2001	1050	<1
17S/2W-27P1	July 24, 2001	0930	1.9
17S/2W-27P2	July 24, 2001	0950	<1
17S/2W-28R1	July 24, 2001	1100	1.6
17S/2W-34C1	July 24, 2001	1000	<1

Table 11. Analytical results of fourth special study—volatile organic compounds in whole water—using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for selected National City wells, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L) unless noted; E, estimated value; LRL, laboratory reporting level; mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	1,1,1,2-Tetrachloroethane (77562)	1,1,1-Trichloroethane (34506)	1,1,2,2-Tetrachloroethane (34516)	1,1,2-Trichlorotrifluoroethane (77658)	1,1,2-Trichloroethane (34511)	1,1-Dichloroethane (34496)	1,1-Dichloroethylene (34501)	1,1-Dichloropropene (77168)
[LRL]			[0.03]	[0.03]	[0.09]	[0.06]	[0.06]	[0.07]	[0.04]	[0.03]
17S/2W-16Q3	04/20/2000	1200	—	—	—	—	—	—	—	—
17S/2W-16Q4	04/20/2000	1210	—	—	—	—	—	—	—	—

Site name	1,2,3,4-Tetramethylbenzene (49999)	1,2,3,5-Tetramethylbezene (50000)	1,2,3-Trichlorobenzene (77613)	1,2,3-Trichloropropane (77443)	1,2,3-Trimethylbenzene (77221)	1,2,4-Trichlorobenzene (34551)	1,2,4-Trimethylbenzene (77222)	1,2-Dibromo-3-chloropropane (82625)	1,2-Dibromoethane (77651)	1,2-Dichlorobenzene (34536)
[LRL]	[0.2]	[0.2]	[0.3]	[0.16]	[0.1]	[0.2]	[0.06]	[0.2]	[0.04]	[0.05]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	1,2-Dichloroethane (32103)	1,2-Dichloropropane (34541)	1,3,5-Trimethylbenzene (77226)	1,3-Dichlorobenzene (34566)	1,3-Dichloropropane (77173)	1,4-Dichlorobenzene (34571)	2,2-Dichloropropane (77170)	2-Chloro toluene (77275)	*o*-Ethyl toluene (77220)	3-Chloropropene (78109)
[LRL]	[0.1]	[0.07]	[0.04]	[0.05]	[0.1]	[0.05]	[0.05]	[0.04]	[0.06]	[0.2]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Table 11. Analytical results of fourth special study—volatile organic compounds in whole water—using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for selected National City wells, San Diego County, California.—Continued

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L) unless noted; E, estimated value; LRL, laboratory reporting level; mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above laboratory reporting level]

Site name	4-Chloro-toluene (77277)	4-Isopropyl-1-methylbenzene (isopropyl-toluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromo-benzene (81555)	Bromo-chloro-methane (77297)	Bromo-dichloro-methane (32101)	Bromo-ethene (50002)	Bromo-methane (34413)
[LRL]	[0.06]	[0.07]	[7]	[1]	[0.04]	[0.04]	[0.04]	[0.05]	[0.1]	[0.3]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	Carbon disulfide (77041)	Chloro-benzene (34301)	Chloro-ethane (34311)	Chloro-methane (34418)	*cis*-1,2-Dichloro-ethylene (77093)	*cis*-1,3-Dichloro-propene (34704)	Dibromo-chloro-methane (32105)	Dibromo-methane (30217)	Dichloro-difluoro-methane (34668)	Dichloro-methane (34423)
[LRL]	[0.07]	[0.03]	[0.1]	[0.5]	[0.04]	[0.09]	[0.2]	[0.05]	[0.27]	[0.4]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	Diethyl ether (81576)	Diisopropyl ether (81577)	Ethyl meth-acrylate (73570)	2-Butanone (81595)	Ethyl-benzene (34371)	Hexachloro-butadiene (39702)	Hexachloro-ethane (34396)	Methyl iodide (77424)	4-Methyl-2-pentanone (78133)	Isopropyl-benzene (77223)
[LRL]	[0.2]	[0.1]	[0.2]	[1.6]	[0.03]	[0.1]	[0.2]	[0.12]	[0.4]	[0.03]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Table 11. Analytical results of fourth special study—volatile organic compounds in whole water—using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for selected National City wells, San Diego County, California.—Continued

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L) unless noted; E, estimated value; LRL, laboratory reporting level; mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Methyl acrylonitrile (81593)	Methyl acrylate (49991)	Methyl methacrylate (81597)	*tert*-Pentyl methyl ether (50005)	*m*- and *p*-Xylene (85795)	Naphthalene (34696)	2-Hexanone (77103)	*n*-Butylbenzene (77342)	*n*-Propylbenzene (77224)	*o*-Xylene (77135)
[LRL]	[0.6]	[1.4]	[0.3]	[0.11]	[0.06]	[0.2]	[0.7]	[0.2]	[0.04]	[0.04]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	*sec*-Butylbenzene (77350)	Styrene (77128)	Ethyl *tert*-butyl ether (50004)	Methyl *tert*-butyl ether (MTBE) (78032)	*tert*-Butylbenzene (77353)	Tetrachloroethene (34475)	Tetrachloromethane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	*trans*-1,2-Dichloroethene (34546)
[LRL]	[0.03]	[0.04]	[0.05]	[0.2]	[0.06]	[0.1]	[0.06]	[2]	[0.05]	[0.03]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	*trans*-1,3-Dichloropropene (34699)	*trans*-1,4-Dichloro-2-butene (73547)	Bromoform (32104)	Trichloroethene (39180)	Trichlorofluoromethane (34488)	Chloroform (32106)	Vinyl chloride (39175)	1,4-Bromofluorobenzene (surrogate) (percent) (99834)	1,2-Dichloroethane-d4 (surrogate) (percent) (99832)	Toluene-d8 (surrogate) (percent) (99833)
[LRL]	[0.09]	[0.7]	[0.06]	[0.04]	[0.09]	[0.05]	[0.1]			
17S/2W-16Q3	—	—	—	E 0.03	—	E 0.04	—	71.5	97.3	94.1
17S/2W-16Q4	—	—	—	—	—	—	—	69.7	97.7	92.6

Table 12. Analytical results for fifth special study—dissolved trace metals in filtered water—for the Sweetwater Reservoir, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property; LRL, laboratory reporting level; E, estimated value. All values are reported as micrograms per liter (µg/L). mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above the laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	Aluminum (01106)	Antimony (01095)	Arsenic (01000)	Barium (01005)	Beryllium (01010)	Boron (01020)	Cadmium (01025)	Chromium (01030)	Cobalt (01035)	Copper (01040)
[LRL]			[1.6]	[0.2]	[0.2]	[0.2]	[0.06]	[8]	[0.04]	[0.8]	[0.014]	[0.4]
Sweetwater Reservoir near pump tower	03/20/2001	1240	2	0.19	0.7	49	—	105	0.05	—	0.171	2.3
Sweetwater River at low-flow diversion dam above Sweetwater Reservoir	03/20/2001	1600	2	0.11	0.7	83	—	200	0.04	—	0.566	2.4

Site name	Lead (01049)	Lithium (01130)	Manganese (01056)	Molybdenum (01060)	Nickel (01065)	Selenium (01145)	Silver (01075)	Strontium (01080)	Thallium (01057)	Uranium (22703)	Vanadium (01085)	Zinc (01090)
[LRL]	[0.08]	[0.6]	[0.2]	[0.4]	[0.06]	[0.4]	[1]	[0.4]	[0.04]	[0.04]	[0.14]	[0.6]
Sweetwater Reservoir near pump tower	0.08	15.2	1.9	4.3	0.21	1	—	477	—	3.44	3.9	1.2
Sweetwater River at low-flow diversion dam above Sweetwater Reservoir	E0.07	6.3	245	10	—	0.9	—	733	0.13	17.3	4.4	2.5

Table 13. Analytical results for sixth (last) special study—selected wastewater compounds in whole water—for the Sweetwater and Loveland Reservoirs, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Where two laboratory reporting levels (LRL) are shown, the first was used Oct. 2000–February 2001, the 2nd, March–Sept. 2001. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; E, estimated value; NA, not analyzed; all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	1-Methyl-naphthalene (81696)	1,4-Dichlorobenzene (34571)	Bis(2-ethylhexyl) adipate (77903)	Bis(2-ethylhexyl) phthalate (39100)	2-Methyl-naphthalene (30194)	2,6-Di-*tert*-butylphenol	2,6-Di-*tert*-p-Benzoquinone	2,6-Dimethyl-naphthalenene (62805)
[LRL]			[0.500]	[0.040, 0.500]	[2.000]	[2.500]	[0.500]	[0.150]	[0.500]	[0.500]
Sweetwater Reservoir near pump tower	12/04/2000	1220	NA	—	—	—	NA	—	—	—
Perdue Treatment Plant—finished water at SWR	12/04/2000	1510	NA	—	—	—	NA	—	—	—
Perdue Treatment Plant—imported raw water at SWR	03/20/2001	1500	—	—	NA	NA	—	NA	NA	NA
Loveland Reservoir near dam	03/21/2001	1130	—	—	NA	NA	—	NA	NA	NA

Site name	3-β-Coprostanol (62806)	3-Methyl-1(H)-indole (Skatole) (62807)	3-*tert*-Butyl-4-hydroxyanisole (BHA) (61702)	4-n-Octylphenol (62809)	4-*tert*--Octylphenol (62810)	5-Methyl-1H-benzotriazole (61944)	Acetophenone (62811)	Acetylhexamethyl tetrahydronaphthalene (62812)	Anthracene (34220)	Benzophenone (62814)
[LRL]	[0.600, 2.000]	[1.000]	[0.120, 5.000]	[1.000]	[1.000]	[0.150, 2.000]	[0.220, 0.500]	[0.500]	[0.060, 0.500]	[0.500]
Sweetwater Reservoir near pump tower	—	NA	—	NA	NA	—	—	NA	—	NA
Perdue Treatment Plant—finished water at SWR	—	NA	—	NA	NA	—	—	NA	—	NA
Perdue Treatment Plant—imported raw water at SWR	—	—	—	—	—	—	—	—	—	—
Loveland Reservoir near dam	—	—	—	—	—	—	—	—	—	—

Table 13. Analytical results for sixth (last) special study—selected wastewater compounds in whole water—for the Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Where two laboratory reporting levels (LRL) are shown, the first was used Oct. 2000–February 2001, the 2nd, March–Sept. 2001. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; E, estimated value; NA, not analyzed; all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Benzo(*a*)-pyrene (34247)	ß-Stigmas-tanol (62815)	Bisphenol A (62816)	Bromacil (30234)	Butylated-hydroxy-toluene (BHT)	Caffeine (81436)	Camphor (62817)	Carbaryl (39750)
[LRL]	[0.070, 0.500]	[2.00]	[0.090, 1.000]	[0.500]	[0.110]	[0.080, 0.500]	[0.500]	[0.060, 1.000]
Sweetwater Reservoir near pump tower	—	—	E0.064	NA	—	E0.041	NA	—
Perdue Treatment Plant—finished water at SWR	—	—	—	NA	—	—	NA	—
Perdue Treatment Plant—imported raw water at SWR	—	—	—	E0.047	NA	—	—	—
Loveland Reservoir near dam	—	—	—	—	NA	—	—	—

Site name	Carbazole (77571)	*cis*-Chlordane	Chlorpyrifos (38932)	Cholesterol (62818)	Codeine	Cotinine (61945)	Diazinon (39570)	Dichlorvos (30218)
[LRL]	[0.500]	[0.040]	[0.020, 0.500]	[1.500, 2.000]	[0.200]	[0.080, 1.000]	[0.030, 0.500]	[1.000]
Sweetwater Reservoir near pump tower	NA	E0.012	—	E1.210	—	—	—	NA
Perdue Treatment Plant—finished water at SWR	NA	—	—	—	—	—	—	NA
Perdue Treatment Plant—imported raw water at SWR	—	NA	—	—	NA	—	—	—
Loveland Reservoir near dam	—	NA	—	E0.600	NA	—	—	—

Table 13. Analytical results for sixth (last) special study—selected wastewater compounds in whole water—for the Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Where two laboratory reporting levels (LRL) are shown, the first was used Oct. 2000–February 2001, the 2nd, March–Sept. 2001. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; E, estimated value; NA, not analyzed; all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Dieldrin	Diethyl-phthalate (34336)	Fluoranthene (34376)	Hexahydrohexa-methylcyclopenta-benzopyran (62823)	Indole (62824)	Isoborneol (62825)	Isopropylbenzene (Cumene) (77223)	Isophorone (34408)
[LRL]	[0.080]	[0.350]	[0.030, 0.500]	[0.500]	[0.500]	[0.500]	[0.500]	[0.500]
Sweetwater Reservoir near pump tower	E0.008	—	—	NA	NA	NA	NA	—
Perdue Treatment Plant—finished water at SWR	—	—	0.031	NA	NA	NA	NA	—
Perdue Treatment Plant—imported raw water at SWR	NA	NA	—	—	—	—	—	NA
Loveland Reservoir near dam	NA	NA	—	—	—	—	—	NA

Site name	Isoquinoline (62826)	*d*-Limonene (62819)	Lindane	Menthol (62827)	Methyl parathion	Methyl salicylate (62828)	*N,N*-Diethyl-m-toluamide (DEET) (61947)	Metolachlor (82612)	Naph-thalene (34696)
[LRL]	[0.500]	[0.500]	[0.050]	[0.500]	[0.060]	[0.500]	[0.080, 0.500]	[0.500]	[0.025, 0.500]
Sweetwater Reservoir near pump tower	NA	—	—	NA	—	NA	—	—	—
Perdue Treatment Plant—finished water at SWR	NA	—	—	NA	—	NA	—	—	—
Perdue Treatment Plant—imported raw water at SWR	—	NA	NA	—	NA	—	—	—	—
Loveland Reservoir near dam	—	NA	NA	—	NA	—	—	—	—

Table 13. Analytical results for sixth (last) special study—selected wastewater compounds in whole water—ifor the Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Where two laboratory reporting levels (LRL) are shown, the first was used Oct. 2000–February 2001, the 2nd, March–Sept. 2001. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; E, estimated value; NA, not analyzed; all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	4-Nonylphenol diethoxylates (NPEO2) (61703)	Nonylphenol monoeth-oxylates (NPEO1) (61704)	4-Octyphe-noldieth-oxylates (OPEO2) (61705)	4-Octylphenol monoeth-oxylates (OPEO1) (61706)	*p*-Cresol (77146)	4-Nonylphenol (total) (62829)	Pentachloro-phenol (39032)	Phenanthrene (34461)
[LRL]	[1.100, 5.000]	[1.000]	[0.200, 1.000]	[0.120, 1.000]	[0.060, 1.000]	[0.700, 5.000]	[2.000]	[0.050, 0.500]
Sweetwater Reservoir near pump tower	—	—	—	E0.132	0.127	E0.226	NA	—
Perdue Treatment Plant—finished water at SWR	—	—	—	E0.154	—	E0.294	NA	—
Perdue Treatment Plant—imported raw water at SWR	—	NA	—	—	—	—	—	—
Loveland Reservoir near dam	—	NA	—	—	—	—	—	—

Site name	Phenol (34694)	Phthalic anhydride	Prometon (39056)	Pyrene (34469)	Tributyl phosphate (62832)	Triclosan (61708)	Triethyl-citrate (ethyl citrate) (62833)	Triphenyl phosphate (62834)
[LRL]	[0.450, 0.500]	[0.350]	[0.050]	[0.030, 0.500]	[0.050]	[0.050, 1.000]	[0.500]	[0.100, 0.500]
Sweetwater Reservoir near pump tower	E1.345	—	NA	E0.029	NA	E0.038	NA	—
Perdue Treatment Plant—finished water at SWR	—	—	NA	—	NA	E0.034	NA	—
Perdue Treatment Plant—imported raw water at SWR	E0.560	NA	—	—	—	—	—	—
Loveland Reservoir near dam	E0.310	NA	—	—	—	—	—	—

Table 13. Analytical results for sixth (last) special study—selected wastewater compounds in whole water—for the Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Where two laboratory reporting levels (LRL) are shown, the first was used Oct. 2000–February 2001, the 2nd, March–Sept. 2001. mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; E, estimated value; NA, not analyzed; all values are reported as micrograms per liter (µg/L) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Tris(2-butoxyethyl) phosphate (62830)	Tris(2-chloroethyl) phosphate (62831)	Tris(dichloroisopropyl) phosphate (61707)	4-*n*-Nonylphenol (surrogate) (percent)	BHT-d9 (surrogate) (percent)	Decafluorobiphenyl (surrogate) (percent)	Caffiene-C-13 (surrogate) (percent)	Fluoranthene-d10 (surrogate) (percent)	Bisphenol A-d3 (surrogate) (percent)
[LRL]	[0.500]	[0.040, 0.500]	[0.100, 0.500]						
Sweetwater Reservoir near pump tower	NA	0.067	—	67	66	NA	NA	NA	NA
Perdue Treatment Plant—finished water at SWR	NA	E0.033	—	62	45	NA	NA	NA	NA
Perdue Treatment Plant—imported raw water at SWR	—	—	—	NA	NA	38	79	81	68
Loveland Reservoir near dam	—	—	—	NA	NA	44	83	82	81

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	Sample type	1,1,1,2-Tetrachloroethane (77562)	1,1,1-Trichloroethane (34506)	1,1,2,2-Tetrachloroethane (34516)	1,1,2-Trichlorotrifluoroethane (77652)	1,1,2-Trichloroethane (34511)
Sweetwater Reservoir near pump tower	03/20/2001	1241	Replicate	<0.03	<0.03	<0.09	<0.06	<0.06
Sweetwater Reservoir center of minimum pool	11/29/1999	1331	Replicate	<0.03	<0.03	<0.09	<0.06	<0.06
Sweetwater Reservoir east end reservoir fill boundary	06/12/2000	1329	Source-solution blank	<0.03	<0.03	<0.09	<0.06	<0.06
Sweetwater Reservoir east end reservoir fill boundary	06/12/2000	1338	Field blank	<0.03	<0.03	<0.09	<0.06	<0.06
Sweetwater Reservoir east end reservoir fill boundary	06/06/2001	1041	Replicate	<0.03	<0.03	<0.09	<0.06	<0.06
Loveland Reservoir near dam	09/06/2000	0938	Field blank	<0.03	<0.03	<0.09	<0.06	<0.06
Loveland Reservoir near dam	09/06/2000	0939	Source-solution blank	<0.03	<0.03	<0.09	<0.06	<0.06
QC/QA site for Sacramento project office	11/29/1999	1550	Source-solution blank	<0.03	<0.03	<0.09	<0.06	<0.06
QC/QA site for Sacramento project office[1]	03/13/2000	1118	Field blank	<0.03	<0.03	<0.09	<0.06	<0.06

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	1,1-Dichloroethane (34496)	1,1-Dichloroethylene (34501)	1,1-Dichloropropene (77168)	1,2,3,4-Tetramethylbenzene (49999)	1,2,3,5-Tetramethylbenzene (50000)	1,2,3-Trichlorobenzene (77613)	1,2,3-Trichloropropane (77443)	1,2,3-Trimethylbenzene (77221)	1,2,4-Trichlorobenzene (34551)
Sweetwater Reservoir near pump tower	<0.04	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
Sweetwater Reservoir center of minimum pool	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
Sweetwater Reservoir east end reservoir fill boundary	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
Sweetwater Reservoir east end reservoir fill boundary	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
Loveland Reservoir near dam	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
Loveland Reservoir near dam	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
QC/QA site for Sacramento project office	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2
QC/QA site for Sacramento project office[1]	<0.07	<0.04	<0.3	<0.2	<0.2	<0.3	<0.16	<0.1	<0.2

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	1,2,4-Trimethylbenzene (77222)	1,2-Dibromo-3-chloropropane (82625)	1,2-Dibromoethane (77651)	1,2-Dichlorobenzene (34536)	1,2-Dichloroethane (32103)	1,2-Dichloropropane (34541)	1,3,5-Trimethylbenzene (77226)	1,3-Dichlorobenzene (34566)	1,3-Dichloropropane (77173)	1,4-Dichlorobenzene (34571)
Sweetwater Reservoir near pump tower	<0.06	<0.2	<0.04	<0.03	<0.1	<0.03	<0.04	<0.03	<0.1	<0.05
Sweetwater Reservoir center of minimum pool	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05
Sweetwater Reservoir east end reservoir fill boundary	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05
Sweetwater Reservoir east end reservoir fill boundary	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05
Sweetwater Reservoir east end reservoir fill boundary	<0.06	<0.2	<0.04	<0.03	<0.1	<0.03	<0.04	<0.03	<0.1	<0.05
Loveland Reservoir near dam	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05
Loveland Reservoir near dam	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05
QC/QA site for Sacramento project office	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05
QC/QA site for Sacramento project office[1]	<0.06	<0.2	<0.04	<0.05	<0.1	<0.07	<0.04	<0.05	<0.1	<0.05

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	2,2-Di-chloro-propane (77170)	2-Chloro-toluene (77275)	*o*-Ethyl toluene (77220)	3-Chloro-propene (78109)	4-Chloro-toluene (77277)	4-Isopropyl-1-methyl-benzene (77356)	Acetone (81552)	Acrylo-nitrile (34215)	Benzene (34030)
Sweetwater Reservoir near pump tower	<0.05	<0.03	<0.06	<0.07	<0.06	<0.07	<7	<1	E0.01
Sweetwater Reservoir center of minimum pool	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04
Sweetwater Reservoir east end reservoir fill boundary	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04
Sweetwater Reservoir east end reservoir fill boundary	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04
Sweetwater Reservoir east end reservoir fill boundary	<0.05	<0.03	<0.06	<0.07	<0.06	<0.07	<7	<1	<0.04
Loveland Reservoir near dam	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04
Loveland Reservoir near dam	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04
QC/QA site for Sacramento project office	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04
QC/QA site for Sacramento project office[1]	<0.05	<0.04	<0.06	<0.2	<0.06	<0.07	<7	<1	<0.04

[1]Blank nano-pure water from Sweetwater Laboratory

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	Bromo-benzene (81555)	Bromochlo-romethane (77297)	Bromodichlo-romethane (32101)	Bromo-ethene (50002)	Bromo-methane (34413)	Carbon disulfide (77041)	Chloro-benzene (34301)	Chloro-ethane (34311)	Chloro-methane (34418)
Sweetwater Reservoir near pump tower	<0.04	<0.04	0.23	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2
Sweetwater Reservoir center of minimum pool	<0.04	<0.04	0.32	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.04	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.04	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.04	E0.04	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2
Loveland Reservoir near dam	<0.04	<0.04	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5
Loveland Reservoir near dam	<0.04	<0.04	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5
QC/QA site for Sacramento project office	<0.04	<0.04	E0.02	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5
QC/QA site for Sacramento project office[1]	<0.04	<0.04	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.5

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	*cis*-1,2-Dichloroethylene (77093)	*cis*-1,3-Dichloropropene (34704)	Dibromochloromethane (32105)	Dibromomethane (30217)	Dichlorodifluoromethane (34668)	Dichloromethane (34423)	Diethyl ether (81576)	Diisopropyl ether (81577)	Ethyl methacrylate (73570)
Sweetwater Reservoir near pump tower	<0.04	<0.09	E0.2	<0.05	<0.27	<0.2	<0.2	<0.1	<0.2
Sweetwater Reservoir center of minimum pool	<0.04	<0.09	0.3	<0.05	<0.27	<0.4	<0.2	<0.1	<0.2
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.09	<0.2	<0.05	<0.27	<0.4	<0.2	<0.1	<0.2
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.09	<0.2	<0.05	<0.27	<0.4	<0.2	<0.1	<0.2
Sweetwater Reservoir east end reservoir fill boundary	<0.04	<0.09	M	<0.05	<0.27	<0.2	<0.2	<0.1	<0.2
Loveland Reservoir near dam	<0.04	<0.09	<0.2	<0.05	<0.27	<0.4	<0.2	<0.1	<0.2
Loveland Reservoir near dam	<0.04	<0.09	<0.2	<0.05	<0.27	<0.4	<0.2	<0.1	<0.2
QC/QA site for Sacramento project office	<0.04	<0.09	<0.2	<0.05	<0.27	M	<0.2	<0.1	<0.2
QC/QA site for Sacramento project office[1]	<0.04	<0.09	<0.2	<0.05	<0.27	M	<0.2	<0.1	<0.2

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	2-Butanone (81595)	Ethylbenzene (34371)	Hexachlorobutadiene (39702)	Hexachloroethane (34396)	Methyl iodide (77424)	4-Methyl-2-pentanone (78133)	Isopropylbenzene (77223)	Methyl acrylonitrile (81593)	Methyl acrylate (49991)	Methyl methacrylate (81597)
Sweetwater Reservoir near pump tower	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
Sweetwater Reservoir center of minimum pool	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
Sweetwater Reservoir east end reservoir fill boundary	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
Sweetwater Reservoir east end reservoir fill boundary	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
Sweetwater Reservoir east end reservoir fill boundary	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
Loveland Reservoir near dam	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
Loveland Reservoir near dam	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
QC/QA site for Sacramento project office	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3
QC/QA site for Sacramento project office[1]	<1.6	<0.03	<0.1	<0.2	<0.12	<0.4	<0.03	<0.6	<1.4	<0.3

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	*tert*-Pentyl methyl ether (50005)	*m*- and *p*-Xylene (85795)	Naphthalene (34696)	2-Hexanone (77103)	*n*-Butylbenzene (77342)	*n*-Propylbenzene (77224)	*o*-Xylene (77135)	*sec*-Butylbenzene (77350)	Styrene (77128)
Sweetwater Reservoir near pump tower	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
Sweetwater Reservoir center of minimum pool	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
Sweetwater Reservoir east end reservoir fill boundary	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
Sweetwater Reservoir east end reservoir fill boundary	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
Sweetwater Reservoir east end reservoir fill boundary	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
Loveland Reservoir near dam	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
Loveland Reservoir near dam	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
QC/QA site for Sacramento project office	<0.11	E0.02	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04
QC/QA site for Sacramento project office[1]	<0.11	<0.06	<0.2	<0.7	<0.2	<0.04	<0.04	<0.03	<0.04

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	Ethyl *tert*-butyl ether (50004)	Methyl *tert*-butyl ether (MTBE) (78032)	*tert*-Butyl-benzene (77353)	Tetrachloro-ethylene (34475)	Tetra-chloro-methane (32102)	Tetrahydro-furan (81607)	Toluene (34010)	*trans*-1,2-Di-chloro-ethylene (34546)	*trans*-1,3-Dichloro-propene (34699)
Sweetwater Reservoir near pump tower	<0.05	0.2	<0.06	<0.1	<0.06	<2	E0.01	<0.03	<0.09
Sweetwater Reservoir center of minimum pool	<0.05	0.2	<0.06	<0.1	<0.06	<2	E0.04	<0.03	<0.09
Sweetwater Reservoir east end reservoir fill boundary	<0.05	<0.2	<0.06	<0.1	<0.06	<2	<0.05	<0.03	<0.09
Sweetwater Reservoir east end reservoir fill boundary	<0.05	<0.2	<0.06	<0.1	<0.06	<2	<0.05	<0.03	<0.09
Sweetwater Reservoir east end reservoir fill boundary	<0.05	M	<0.06	<0.1	<0.06	<2	E0.01	<0.03	<0.09
Loveland Reservoir near dam	<0.05	<0.2	<0.06	<0.1	<0.06	<2	E0.01	<0.03	<0.09
Loveland Reservoir near dam	<0.05	<0.2	<0.06	<0.1	<0.06	<2	E0.01	<0.03	<0.09
QC/QA site for Sacramento project office	<0.05	E0.1	<0.06	<0.1	<0.06	<2	E0.01	<0.03	<0.09
QC/QA site for Sacramento project office[1]	<0.05	<0.2	<0.06	<0.1	<0.06	<2	E0.02	<0.03	<0.09

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 14. Quality-control analytical results for volatile organic compound (VOC) concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for water samples from Sweetwater and Loveland Reservoirs, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L), unless noted. E, estimated value; M, compound measured below detection limit but not quantifiable; QC, quality control; mm/dd/yyyy, month/day/year; QA, quality assurance; <, compound was not detected at a concentration above laboratory reporting level]

Site name	*trans*-1,4-Dichloro-2-butene (73547)	Bromoform (32104)	Trichloro-ethylene (39180)	Trichloro-fluoro-methane (34488)	Chloro-form (32106)	Vinyl chloride (39175)	1,4-Bromo-fluorobenzene (surrogate) (99834)	1,2-Dichloro-ethane-d4 (surrogate) (99832)	Toluene-d8 (surrogate) (99833)
Sweetwater Reservoir near pump tower	<0.7	<0.06	<0.04	<0.09	0.25	<0.1	109	86.4	98.4
Sweetwater Reservoir center of minimum pool	<0.7	<0.06	<0.04	<0.09	0.38	<0.1	102	104	104
Sweetwater Reservoir east end reservoir fill boundary	<0.7	<0.06	<0.04	<0.09	<0.05	<0.1	123	102	109
Sweetwater Reservoir east end reservoir fill boundary	<0.7	<0.06	<0.04	<0.09	<0.05	<0.1	119	102	108
Sweetwater Reservoir east end reservoir fill boundary	<0.7	<0.06	<0.04	<0.09	E0.03	<0.1	102	89.7	98.1
Loveland Reservoir near dam	<0.7	<0.06	<0.04	<0.09	<0.05	<0.1	89.2	100	97.0
Loveland Reservoir near dam	<0.7	<0.06	<0.04	<0.09	<0.05	<0.1	93.8	101	96.5
QC/QA site for Sacramento project office	<0.7	<0.06	<0.04	<0.09	0.11	<0.1	87.9	106	99.0
QC/QA site for Sacramento project office[1]	<0.7	<0.06	<0.04	<0.09	<0.05	<0.1	104	104	104

[1]Blank nano-pure water from Sweetwater Laboratory.

Table 15. Quality-control analytical results for pesticide concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for filtered water samples from Perdue Treatment Plant, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in percent recovered. E, estimated value; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	Sample type	2,6-Diethylaniline (82660)	Acetochlor (49260)	Alachlor (46342)	α-HCH (34253)	Atrazine (39632)	Azinphos-methyl (82686)
Perdue Treatment Plant—finished water at SWR	12/4/2000	1512	Field spike	1.0	121.2	121.2	107.7	107.7	E33.7
Perdue Treatment Plant—finished water at SWR	12/4/2000	1513	Field spike replicate	1.0	119.2	119.2	104.8	105.8	E31.7

Site name	Benfluralin (82673)	Butylate (04028)	Carbaryl (82680)	Carbofuran (82674)	Chlorpyrifos (38933)	Cyanazine (04041)	DCPA (Dacthal) (82682)	Deethylatrazine (04040)	Diazinon (39572)
Perdue Treatment Plant—finished water at SWR	85.6	104.8	E198.1	E122.1	91.3	97.1	86.5	E57.7	103.8
Perdue Treatment Plant—finished water at SWR	80.8	101.0	E197.1	E120.2	89.4	95.2	85.6	E55.8	93.3

Site name	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethalfluralin (82663)	Ethoprop (82672)	Fonofos (04095)	Lindane (39341)	Linuron (82666)	Malathion (39532)
Perdue Treatment Plant—finished water at SWR	74.0	—	82.7	87.5	89.4	3.8	117.3	128.8	94.2
Perdue Treatment Plant—finished water at SWR	101.0	—	76.0	87.5	88.5	5.8	103.8	128.8	93.3

Table 15. Quality-control analytical results for pesticide concentrations using U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for filtered water samples from Perdue Treatment Plant, San Diego County, California—Continued.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in percent recovered. E, estimated value; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Metolachlor (39415)	Metribuzin (82630)	Molinate (82671)	Napropamide (82684)	*p,p'*-DDE (34653)	Parathion (39542)	Parathion-methyl (82667)	Pebulate (82669)	Pendimethalin (82683)
Perdue Treatment Plant—finished water at SWR	115.4	95.2	95.2	121.1	80.8	84.6	106.7	87.5	106.7
Perdue Treatment Plant—finished water at SWR	115.4	92.3	91.3	111.5	74.0	87.5	87.5	80.8	109.6

Site name	*cis*-Permethrin (82687)	Phorate (82664)	Prometon (04037)	Pronamide (82676)	Propachlor (04024)	Propanil (82679)	Propargite (82685)	Simazine (04035)	Tebuthiuron (82670)
Perdue Treatment Plant—finished water at SWR	68.3	—	96.2	105.8	126.9	107.7	125.0	95.2	125.0
Perdue Treatment Plant—finished water at SWR	66.3	—	96.2	96.2	122.1	102.9	125.0	91.3	125.0

Site name	Terbacil (82665)	Terbufos (82675)	Thiobencarb (82681)	Triallate (82678)	Trifluralin (82661)	Diazinon-d10 (surrogate) (91063) (percent)	α- HCH-d6 (surrogate) (91065) (percent)
Perdue Treatment Plant—finished water at SWR	E51.0	E9.6	105.8	121.2	86.5	130	101
Perdue Treatment Plant—finished water at SWR	E52.9	—	101.0	113.5	80.8	120	98.9

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 324141117001601. 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-trifluoro-ethane (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	—	—	—	—	—	—

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—Continued.

[The site identification number is 324141117001601. 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-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	—	—	—	—	—	—

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.—Continued

[The site identification number is 324141117001601. 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-trifluoro-ethane (CFC-113)
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	—	—	—	—	—	—

Table 16B. Quality-control analytical cartridge spike 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 324141117001601. Values are given in percent recovered. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the laboratory and analyzed on the same day. Sample volume spike is 1.5 liters. Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. mmddyyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Spike analysis date (mm/dd/yyyy)	Dichloro-difluoro-methane (CFC-12)	Chloromethane	Chloroethene (vinyl chloride)	Bromomethane	Chloro-ethane	Bromo-ethene (vinyl bromide)	1,1,2,-Tri-chloro-1,2,2-tri-fluoro-ethane (CFC-113)
10/02/1999	10/07/1999	103.1	109.7	108.0	NA	100.2	104.2	100.5
10/13/1999	10/21/1999	102.8	90.3	115.1	NA	106.6	115.2	100.9
10/26/1999	10/28/1999	108.7	87.8	97.5	NA	113.8	102.8	109.0
11/07/1999	11/15/1999	97.8	135.7	101.9	NA	126.2	103.4	98.8
11/19/1999	11/29/1999	96.3	143.0	104.8	NA	120.0	106.5	94.9
12/13/1999	12/16/1999	97.5	83.0	94.7	NA	95.2	100.0	94.9
12/25/1999, 01/06/2000	01/13/2000	104.6	93.6	112.1	NA	106.3	111.9	101.6
01/18/2000	01/24/2000	NA	NA	NA	NA	NA	NA	NA
01/30/2000	02/03/2000	96.0	133.4	95.7	93.5	NA	118.0	104.0
02/11/2000	02/17/2000	98.2	81.1	97.2	70.1	85.4	102.6	97.6
03/18/2000	03/23/2000	102.1	130.3	114.4	130.8	105.9	109.1	101.9
04/11/2000, 04/23/2000	04/25/2000	103.7	98.2	112.0	79.1	101.9	103.1	103.9
05/05/2000, 05/17/2000	05/18/2000	106.2	138.9	126.7	NA	128.2	118.5	107.8
05/29/2000, 06/10/2000	06/12/2000	106.9	113.6	112.2	59.3	104.2	114.0	102.0
06/29/2000, 07/11/2000	07/17/2000	87.4	114.0	75.3	53.9	78.7	85.3	91.6
07/23/2000, 08/04/2000	08/07/2000	94.4	121.0	105.1	18.7	124.2	112.2	103.1
08/16/2000, 08/29/2000, 09/09/2000	09/19/2000	113.3	89.3	110.0	NA	77.2	111.9	120.9
09/21/2000, 10/03/2000	10/12/2000	99.1	75.9	75.8	NA	84.2	91.9	104.5
11/08/2000	11/16/2000	107.7	124.3	110.7	NA	82.1	103.8	113.7
11/20/2000,* 12/02/2000*	12/07/2000*	NA	NA	NA	NA	NA	NA	NA
12/14/2000	12/20/2000	117.0	133.1	127.6	NA	106.8	113.0	115.5
12/26/2000, 01/07/2001	01/12/2001	91.8	95.5	123.4	NA	119.7	130.2	116.9
01/19/2001, 01/31/2001	02/06/2001	112.5	77.7	103.6	NA	93.5	107.5	103.4
02/12/2001, 02/24/2001	03/05/2001	99.6	127.4	112.2	NA	128.3	117.4	112.9

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

[The site identification number is 324141117001601. Values are given in percent recovered. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the laboratory and analyzed on the same day. Sample volume spike is 1.5 liters. Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. mmddyyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Spike analysis date (mm/dd/yyyy)	Dichloro-difluoro-methane (CFC-12)	Chloromethane	Chloroethene (vinyl chloride)	Bromomethane	Chloro-ethane	Bromo-ethene (vinyl bromide)	1,1,2,-Tri-chloro-1,2,2-tri-fluoro-ethane (CFC-113)
03/08/2001, 03/20/2001	03/26/2001	71.1	71.3	86.1	NA	73.8	100.1	86.0
04/01/2001, 04/13/2001	04/24/2001	114.9	97.4	126.1	NA	112.3	124.9	120.1
04/25/2001, 05/07/2001	05/10/2001	87.7	128.9	112.4	NA	97.7	107.5	104.9
05/07/2001	05/10/2001	87.7	128.9	112.4	NA	97.7	107.5	104.9
5/19/2001, 05/31/2001	06/07/2001	125.0	107.7	122.3	NA	112.3	126.0	120.5
6/12/2001, 06/24/2001	06/28/2001	92.2	78.2	75.3	NA	128.4	81.4	94.4
07/05/2001	07/24/2001	105.9	83.2	98.0	NA	82.5	112.7	119.5
07/16/2001	08/09/2001	95.2	126.7	102.7	NA	95.8	112.4	104.6
08/08/2001	08/21/2001	102.6	70.2	84.4	NA	94.5	86.7	100.1
08/23/2001	09/12/2001	93.3	132.0	97.0	NA	115.8	96.8	99.6
9/16/2001, 09/28/2001	10/10/2001	114.6	123.7	105.4	NA	116.2	115.2	125.5

Table 16C. Quality-control analytical cartridge lot 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 324141117001601, Concentrations are given in parts per billion by volume (ppbv). Sample volume is 1.5 liters. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; E, estimated value; NA, not analyzed; —, compound was not detected at concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Blank analysis date (mm/dd/yyyy)	Dichlorodifluoromethane (CFC-12)	Chloromethane	Chloroethene (vinyl chloride)	Bromomethane	Chloroethane	Bromoethene (vinyl bromide)	1,1,2,-Trichloro-1,2,2-trifluoroethane (CFC-113)
10/02/1999	10/07/1999	—	—	—	—	—	—	—
10/13/1999	10/21/1999	—	—	—	—	—	—	—
10/26/1999	10/28/1999	—	—	—	—	—	—	—
11/07/1999	11/15/1999	—	—	—	—	—	—	—
11/19/1999	11/29/1999	—	—	—	—	—	—	—
12/13/1999	12/16/1999	—	—	—	—	—	—	—
12/25/1999	01/13/2000	—	—	—	—	—	—	—
01/06/2000	01/13/2000	—	—	—	—	—	—	—
01/18/2000	01/24/2000	—	—	—	—	—	—	—
01/30/2000	02/03/2000	—	—	—	—	—	—	—
02/11/2000	02/17/2000	—	—	—	—	—	—	—
03/18/2000	03/23/2000	—	—	—	—	—	—	—
04/11/2000	04/25/2000	—	—	—	—	—	—	—
04/23/2000	04/25/2000	—	—	—	—	—	—	—
05/05/2000	05/18/2000	—	E0.007	—	—	—	—	—
05/17/2000	05/18/2000	—	—	—	—	—	—	—
05/29/2000	06/12/2000	—	—	—	—	—	—	—
06/10/2000	06/12/2000	—	—	—	—	—	—	—
06/29/2000	07/17/2000	—	—	—	—	—	—	—
07/11/2000	07/17/2000	—	—	—	—	—	—	—
07/23/2000	08/07/2000	E0.004	—	—	—	—	—	—
08/04/2000	08/07/2000	E0.003	—	—	—	—	—	—
08/16/2000	09/19/2000	—	—	—	—	—	—	—
08/28/2000	09/19/2000	—	—	—	—	—	—	—
09/09/2000	09/19/2000	E0.050	—	—	—	—	—	—
09/21/2000	10/12/2000	E0.004	—	—	—	—	—	—
10/03/2000	10/12/2000	—	—	—	—	—	—	—
11/08/2000	11/16/2000	—	—	—	—	—	—	—
11/20/2000	12/07/2000	—	—	—	—	—	—	—
12/02/2000	12/07/2000	—	—	—	—	—	—	—
12/14/2000	12/20/2000	—	—	—	—	—	—	—

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

[The site identification number is 324141117001601, Concentrations are given in parts per billion by volume (ppbv). Sample volume is 1.5 liters. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; E, estimated value; NA, not analyzed; —, compound was not detected at concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Blank analysis date (mm/dd/yyyy)	Dichlorodifluoromethane (CFC-12)	Chloromethane	Chloroethene (vinyl chloride)	Bromomethane	Chloroethane	Bromoethene (vinyl bromide)	1,1,2,-Trichloro-1,2,2-trifluoroethane (CFC-113)
12/26/2000	01/12/2001	E0.005	—	—	—	—	—	—
01/07/2001	01/12/2001	NA	NA	NA	NA	NA	NA	NA
01/19/2001	02/06/2001	—	—	—	—	—	—	—
01/31/2001	02/06/2001	E0.008	—	—	—	—	—	—
02/12/2001	03/05/2001	—	—	—	—	—	—	—
02/24/2001	03/05/2001	—	—	—	—	—	—	—
03/08/2001	03/26/2001	E0.025	—	—	—	—	—	—
03/20/2001	03/26/2001	E0.025	—	—	—	—	—	—
04/01/2001	04/24/2001	E0.012	—	—	—	—	—	—
04/13/2001	04/24/2001	E0.026	—	—	—	—	—	—
04/25/2001	05/10/2001	E0.010	—	—	—	—	—	—
05/07/2001	05/10/2001	E0.020	—	—	—	—	—	—
05/19/2001	06/07/2001	E0.007	—	—	—	—	—	—
05/31/2001	06/07/2001	—	—	—	—	—	—	—
06/12/2001	06/28/2001	E0.017	—	—	—	—	—	—
06/24/2001	06/28/2001	E0.003	—	—	—	—	—	—
07/05/2001	07/24/2001	—	—	—	—	—	—	—
07/16/2001	08/09/2001	E0.007	—	—	—	—	—	—
08/08/2001	08/21/2001	—	—	—	—	—	—	—
08/23/2001	09/12/2001	—	—	—	—	—	—	—
09/16/2001	10/10/2001	—	—	—	—	—	—	—
09/28/2001	10/10/2001	—	—	—	—	—	—	—

Table 16D. Quality-control analytical laboratory 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 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume is 1.5 liters. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the 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. 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)	Dichloro-difluoro-methane (CFC-12)	Chloro-methane	Chloroethene (vinyl chloride)	Bromo-methane	Chloro-ethane	Bromoethene (vinyl bromide)	1,1,2,-Trichloro-1,2,2-trifluoro-ethane (CFC-113)
10/02/1999	10/07/1999	—	—	—	—	—	—	—
10/13/1999	10/21/1999	E0.020	—	—	—	—	—	—
10/26/1999	10/28/1999	—	—	—	—	—	—	—
11/07/1999	11/15/1999	E0.008	—	—	—	—	—	—
11/19/1999	11/29/1999	—	—	—	—	—	—	—
12/13/1999	12/16/1999	—	—	—	—	—	—	—
12/25/1999	01/13/2000	E0.010	—	—	—	—	—	—
01/06/2000	01/13/2000	—	—	—	—	—	—	—
01/18/2000	01/24/2000	E0.027	E0.055	—	—	—	—	—
01/30/2000	02/03/2000	—	—	—	—	—	—	—
02/11/2000	02/17/2000	E0.009	E0.164	—	—	—	—	—
03/18/2000	03/23/2000	—	—	—	—	—	—	—
04/11/2000	04/25/2000	—	E0.016	—	—	—	—	—
04/23/2000	04/25/2000	—	—	—	—	—	—	—
05/05/2000	05/18/2000	—	E0.112	—	—	—	—	—
05/17/2000	05/18/2000	—	—	—	—	—	—	—
05/29/2000	06/12/2000	—	—	—	—	—	—	—
06/10/2000	06/12/2000	—	—	—	—	—	—	—
06/29/2000	07/17/2000	E0.010	—	—	—	—	—	—
07/11/2000	07/17/2000	E0.012	—	—	—	—	—	—
07/23/2000	08/07/2000	—	—	—	—	—	—	—
08/04/2000	08/07/2000	—	—	—	—	—	—	—
08/16/2000	09/19/2000	E0.058	—	—	—	—	—	—
08/28/2000	09/19/2000	E0.039	—	—	—	—	—	—
09/09/2000	09/19/2000	E0.049	—	—	—	—	—	—
09/21/2000	10/12/2000	E0.002	—	—	—	—	—	—
10/03/2000	10/12/2000	E0.010	—	—	—	—	—	—
11/08/2000	11/16/2000	—	—	—	—	—	—	—
11/20/2000	12/07/2000	—	—	—	—	—	—	—
12/02/2000	12/07/2000	—	—	—	—	—	—	—
12/14/2000	12/20/2000	—	—	—	—	—	—	—
12/26/2000	01/12/2001	E0.014	—	—	—	—	—	—

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

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume is 1.5 liters. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the 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. 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)	Dichloro-difluoro-methane (CFC-12)	Chloro-methane	Chloroethene (vinyl chloride)	Bromo-methane	Chloro-ethane	Bromoethene (vinyl bromide)	1,1,2,-Trichloro-1,2,2-trifluoro-ethane (CFC-113)
01/07/2001	1/812/2001	NA	NA	NA	NA	NA	NA	NA
01/19/2001	02/06/2001	E0.013	—	—	—	—	—	—
01/31/2001	02/06/2001	—	—	—	—	—	—	—
02/12/2001	03/05/2001	E0.008	—	—	—	—	—	—
02/24/2001	03/05/2001	E0.016	—	—	—	—	—	—
03/08/2001	03/26/2001	E0.005	—	—	—	—	—	—
03/20/2001	03/26/2001	E0.026	—	—	—	—	—	—
04/01/2001	04/24/2001	E0.051	0.603	—	E0.240	—	—	—
04/13/2001	04/24/2001	E0.018	—	—	—	—	—	—
04/25/2001	05/10/2001	E0.010	—	—	—	—	—	—
05/07/2001	05/10/2001	E0.004	—	—	—	—	—	—
05/19/2001	06/07/2001	E0.002	—	—	—	—	—	—
05/31/2001	06/07/2001	E0.011	—	—	—	—	—	—
06/12/2001	06/28/2001	E0.020	—	—	—	—	—	—
06/24/2001	06/28/2001	E0.006	—	—	—	—	—	—
07/05/2001	07/24/2001	—	—	—	—	—	—	—
07/16/2001	08/09/2001	—	—	—	—	—	—	—
08/08/2001	08/21/2001	E0.015	—	—	—	—	—	—
08/23/2001	09/12/2001	—	—	—	—	—	—	—
09/16/2001	10/10/2001	E0.005	—	—	—	—	—	—
09/28/2001	10/10/2001	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; 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)	Dibromomethane	Bromodichloromethane	Carbon tetrachloride	1,2-Dichloroethane	Bromoform (Tribromomethane)
10/02/1999*	10/07/1999*	751	15.6	NA	NA	NA	NA	NA
10/13/1999	10/21/1999	751	16.8	—	—	—	—	—
10/26/1999	10/28/1999	756	20.1	—	—	—	—	—
11/07/1999	11/15/1999	757	16.7	—	—	—	—	—
11/19/1999	11/29/1999	759	13.1	—	—	—	—	—
12/13/1999	12/16/1999	758	10.4	—	—	—	—	—
12/25/1999	01/13/2000	759	14.9	—	—	—	—	—
01/06/2000	01/13/2000	760	11.7	—	—	—	—	—
01/18/2000	01/24/2000	756	18.8	—	—	—	—	—
01/30/2000	02/03/2000	758	13.3	—	—	—	—	—
02/11/2000	02/17/2000	757	13.4	—	—	—	—	—
03/18/2000	03/23/2000	756	16.8	—	—	—	—	—
04/11/2000	04/25/2000	755	16.9	—	—	—	—	—
04/23/2000	04/25/2000	755	15.8	—	—	—	—	—
05/05/2000	05/18/2000	752	17.2	—	—	—	—	—
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	—	—	—	—	—
07/11/2000	07/17/2000	755	15.8	—	—	—	—	—
07/23/2000	08/07/2000	755	18.6	—	—	—	—	—
08/04/2000	08/07/2000	753	19.8	—	—	—	—	—
08/16/2000	09/19/2000	753	24.3	—	—	—	—	—
08/28/2000	09/19/2000	752	20.0	—	—	—	—	—
09/09/2000	09/19/2000	749	19.1	—	—	—	—	—
09/21/2000	10/12/2000	748	19.5	—	—	—	—	—
10/03/2000	10/12/2000	752	19.6	—	—	—	—	—
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	—	—	—	—	—
12/26/2000	01/12/2001	758	12.9	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; 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)	Dibromomethane	Bromodichloromethane	Carbon tetrachloride	1,2-Dichloroethane	Bromoform (Tribromomethane)
01/07/2001	01/12/2001	754	13.3	—	—	—	—	—
01/19/2001	02/06/2001	759	11.0	—	—	—	—	—
01/31/2001	02/06/2001	758	10.7	NA	NA	NA	NA	NA
02/12/2001	03/05/2001	752	12.2	—	—	—	—	—
02/24/2001	03/05/2001	755	9.6	—	—	—	—	—
03/08/2001	03/26/2001	758	12.6	NA	NA	NA	NA	NA
03/20/2001	03/26/2001	754	17.1	NA	NA	NA	NA	NA
04/01/2001	04/24/2001	752	14.5	—	—	—	—	—
04/13/2001	04/24/2001	756	14.4	—	—	—	—	—
04/25/2001	05/10/2001	753	17.3	—	—	—	—	—
05/07/2001	05/10/2001	754	18.5	—	—	—	—	—
05/19/2001	06/07/2001	753	16.8	—	—	—	—	—
05/31/2001	06/07/2001	752	16.9	—	—	—	—	—
06/12/2001	06/28/2001	751	16.6	—	—	—	—	—
06/24/2001	06/28/2001	754	16.9	—	—	—	—	—
07/05/2001	07/24/2001	753	19.6	—	—	—	—	—
07/16/2001	08/09/2001	753	17.5	—	—	—	—	—
08/08/2001	08/21/2001	753	17.7	—	—	—	—	—
08/23/2001	09/12/2001	753	20.4	—	—	—	—	—
09/16/2001	10/10/2001	752	20.0	—	—	—	—	—
09/28/2001	10/10/2001	749	19.0	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Dibromo chloro-methane	Chloroform (Trichloro-methane)	Toluene	Benzene	2-Propene-nitrile (acrylonitrile)	Chloro-benzene	Ethyl-benzene	Hexa-chloro-ethane
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	E0.014	E0.069	E0.004	—	E0.001	—
10/26/1999	—	—	E0.011	E0.082	E0.005	—	E0.001	—
11/07/1999	—	—	E0.008	E0.084	—	—	E0.001	—
11/19/1999	—	—	E0.003	E0.063	E0.006	—	—	—
12/13/1999	—	E0.002	E0.020	E0.107	E0.009	—	E0.002	—
12/25/1999	—	—	E0.010	E0.056	E0.007	—	—	—
01/06/2000	—	—	E0.007	E0.063	E0.017	—	E0.001	—
01/18/2000	—	—	E0.015	E0.040	E0.010	—	E0.001	—
01/30/2000	—	—	E0.011	E0.034	E0.004	—	E0.002	—
02/11/2000	—	—	E0.007	E0.059	—	—	—	—
03/18/2000	—	—	E0.001	E0.051	E0.001	—	—	—
04/11/2000	—	—	E0.003	E0.050	—	—	—	—
04/23/2000	—	—	E0.003	E0.049	—	—	—	—
05/05/2000	—	—	E0.001	E0.038	—	—	—	—
05/17/2000	—	—	E0.001	E0.037	—	—	—	—
05/29/2000	—	—	E0.020	E0.057	E0.005	—	E0.001	—
06/10/2000	—	—	E0.007	0.166	E0.011	—	—	—
06/29/2000	—	—	E0.001	E0.035	E0.003	E0.001	—	—
07/11/2000	—	E0.001	E0.005	E0.052	—	E0.001	—	—
07/23/2000	—	—	E0.003	E0.002	—	—	—	—
08/04/2000	—	—	E0.006	E0.036	—	—	—	—
08/16/2000	—	—	E0.008	0.117	—	E0.001	—	—
08/28/2000	—	E0.002	E0.049	E0.061	—	—	E0.001	—
09/09/2000	—	—	E0.066	E0.051	—	—	E0.001	—
09/21/2000	—	—	E0.003	E0.029	—	—	—	—
10/03/2000	—	E0.003	E0.030	E0.038	E0.006	E0.001	E0.002	—
11/08/2000	—	—	E0.009	E0.109	—	E0.001	E0.001	—
11/20/2000	—	—	E0.028	0.143	E0.009	E0.001	E0.004	—
12/02/2000	—	—	E0.016	E0.105	E0.012	E0.001	E0.002	—
12/14/2000	—	—	E0.006	0.116	E0.001	—	E0.001	—
12/26/2000	—	—	E0.008	E0.073	—	—	E0.001	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Dibromo chloro-methane	Chloroform (Trichloro-methane)	Toluene	Benzene	2-Propene-nitrile (acrylonitrile)	Chloro-benzene	Ethyl-benzene	Hexa-chloro-ethane
01/07/2001	—	—	E0.013	E0.073	—	—	E0.001	—
01/19/2001	—	—	E0.019	0.133	—	E0.001	E0.003	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	E0.005	E0.087	—	—	—	—
02/24/2001	—	—	E0.009	E0.063	—	—	E0.001	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	E0.010	E0.046	—	—	E0.001	—
04/13/2001	—	—	E0.014	E0.058	—	E0.001	E0.001	—
04/13/2001	—	—	E0.014	E0.058	—	E0.001	E0.001	—
04/25/2001	—	—	E0.012	0.162	E0.007	—	E0.001	—
05/07/2001	—	—	E0.017	0.134	—	—	E0.004	—
05/19/2001	—	—	E0.005	E0.006	—	—	E0.001	—
05/31/2001	—	—	E0.008	E0.009	—	—	E0.001	—
06/12/2001	—	—	E0.009	E0.043	—	—	—	—
06/24/2001	—	—	E0.006	E0.043	—	E0.003	—	—
07/05/2001	—	—	E0.004	0.347	—	—	—	—
07/16/2001	—	—	E0.016	E0.060	—	E0.001	E0.001	—
08/08/2001	—	—	E0.008	0.158	—	E0.001	E0.001	—
08/23/2001	—	—	E0.012	E0.064	—	—	E0.001	—
09/16/2001	—	—	E0.008	E0.113	—	—	E0.001	—
09/28/2001	—	—	E0.017	0.136	E0.006	—	E0.002	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methylene chloride	Tetrachloro-ethene (PCE)	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	1,1,2,2-Tet-rachloro-ethane	1,2-Di-chloro-benzene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	E0.008	—	—	E0.004	—	—	—	—
10/26/1999	E0.020	—	—	—	—	—	—	—
11/07/1999	E0.004	—	—	—	—	—	—	—
11/19/1999	E0.004	—	—	—	—	—	—	—
12/13/1999	E0.008	E0.001	—	E0.006	—	—	—	—
12/25/1999	E0.009	E0.003	—	—	—	—	—	—
01/06/2000	E0.009	—	—	—	—	—	—	—
01/18/2000	E0.044	—	—	—	—	—	—	—
01/30/2000	E0.011	—	—	E0.003	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	E0.001	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	E0.007	—	—	—	—	—	—
05/29/2000	E0.002	E0.021	—	E0.007	—	—	—	—
06/10/2000	E0.002	E0.009	—	E0.002	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	0.121	—	—	—	—
08/28/2000	—	—	—	E0.041	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	E0.005	—	—	E0.019	—	—	—	—
11/08/2000	E0.005	—	—	—	—	—	—	—
11/20/2000	E0.010	E0.001	—	E0.003	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methylene chloride	Tetrachloro-ethene (PCE)	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	1,1,2,2-Tet-rachloro-ethane	1,2-Di-chloro-benzene
01/07/2001	E0.003	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	E0.005	—	—	E0.007	—	—	—	—
05/19/2001	—	E0.022	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	E0.001	—	—	E0.028	—	—	—	—
06/24/2001	—	—	—	E0.010	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	E0.037	—	—	—	—
09/28/2001	—	—	—	E0.011	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,2-Dichloro-propane	*trans*-1,2-Di-chloro-ethene	1,2,4-Tri-chloro-benzene	1,3-Di-chloro-benzene	1,4-Di-chloro-benzene	Naph-thalene	*trans*-1,3-Dichloro-propene	*cis*-1,3-Di-chloro-propene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	—	E0.001	—	—
10/26/1999	—	—	—	—	—	E0.002	—	—
11/07/1999	—	—	—	—	—	E0.001	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	E0.001	—	—
01/18/2000	—	—	—	—	—	E0.002	—	—
01/30/2000	—	—	—	—	—	E0.001	—	—
02/11/2000	—	—	—	—	—	E0.002	—	—
03/18/2000	—	—	—	—	—	E0.001	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	E0.001	—	—
06/10/2000	—	—	—	—	—	E0.002	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	E0.001	—	—
08/04/2000	—	—	—	—	—	E0.001	—	—
08/16/2000	—	—	—	—	—	E0.001	—	—
08/28/2000	—	—	—	—	—	E0.001	—	—
09/09/2000	—	—	—	—	—	E0.001	—	—
09/21/2000	—	—	—	—	—	E0.001	—	—
10/03/2000	—	—	—	—	—	E0.002	—	—
11/08/2000	—	—	—	—	—	E0.001	—	—
11/20/2000	—	—	—	—	—	E0.006	—	—
12/02/2000	—	—	—	—	—	E0.005	—	—
12/14/2000	—	—	—	—	—	E0.002	—	—
12/26/2000	—	—	—	—	—	E0.001	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,2-Dichloro-propane	*trans*-1,2-Di-chloro-ethene	1,2,4-Tri-chloro-benzene	1,3-Di-chloro-benzene	1,4-Di-chloro-benzene	Naph-thalene	*trans*-1,3-Dichloro-propene	*cis*-1,3-Di-chloro-propene
01/07/2001	—	—	—	—	—	E0.001	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	E0.001	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	E0.002	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	E0.007	—	—
05/07/2001	—	—	—	—	—	E0.004	—	—
05/19/2001	—	—	—	—	—	E0.001	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	E0.002	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	E0.001	—	—
08/08/2001	—	—	—	—	—	E0.001	—	—
08/23/2001	—	—	—	—	—	E0.001	—	—
09/16/2001	—	—	—	—	—	E0.001	—	—
09/28/2001	—	—	—	—	—	E0.001	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Trichloro-ethene (TCE)	Hexachloro-butadiene	Methyl meth-acrylate	1,2,3,4-Tetra-methyl-benzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Dichloro-2-butene	Ethyl meth-acrylate
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	E0.003	—	—	—	—	—	—	—
05/29/2000	E0.015	—	—	—	—	—	—	—
06/10/2000	E0.005	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Trichloro-ethene (TCE)	Hexachloro-butadiene	Methyl meth-acrylate	1,2,3,4-Tetra-methyl-benzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Dichloro-2-butene	Ethyl meth-acrylate
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Carbon disulfide	*cis*-1,2-Dichloroethene	2-Hexanone (MBK)	Ethenylbenzene (Styrene)	*o*-Xylene	1,1-Dichloropropene	2,2-Dichloropropane	1,3-Dichloropropane
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	E0.001	—	—	—
10/26/1999	—	—	—	E0.001	E0.001	—	—	—
11/07/1999	—	—	—	E0.001	E0.001	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	E0.001	—	—	E0.001	E0.001	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	E0.001	—	—	—	—
01/18/2000	—	—	—	E0.001	E0.002	—	—	—
01/30/2000	E0.001	—	—	E0.001	E0.001	—	—	—
02/11/2000	E0.001	—	—	—	E0.001	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	E0.001	—	—	—	—
04/23/2000	E0.004	—	—	E0.001	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	E0.001	—	—	E0.001	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	E0.001	—	—	—	—
07/11/2000	E0.006	—	—	E0.001	—	—	—	—
07/23/2000	E0.001	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	E0.003	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	E0.001	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	E0.001	—	—	E0.001	E0.001	—	—	—
11/08/2000	E0.004	—	—	E0.004	E0.002	—	—	—
11/20/2000	—	—	—	E0.005	E0.004	—	—	—
12/02/2000	E0.003	—	—	E0.005	E0.002	—	—	—
12/14/2000	E0.013	—	—	E0.001	E0.001	—	—	—
12/26/2000	—	—	—	E0.001	E0.002	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Carbon disulfide	*cis*-1,2-Dichloroethene	2-Hexanone (MBK)	Ethenylbenzene (Styrene)	*o*-Xylene	1,1-Dichloropropene	2,2-Dichloropropane	1,3-Dichloropropane
01/07/2001	E0.007	—	—	—	E0.002	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	E0.001	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	E0.001	—	—	E0.001	E0.001	—	—	—
04/13/2001	E0.001	—	—	E0.001	E0.001	—	—	—
04/13/2001	E0.001	—	—	E0.001	E0.001	—	—	—
04/25/2001	E0.005	—	—	E0.002	E0.001	—	—	—
05/07/2001	E0.008	—	—	E0.026	E0.029	—	—	—
05/19/2001	E0.007	—	—	—	E0.001	—	—	—
05/31/2001	E0.003	—	—	—	E0.001	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	E0.017	—	—	E0.002	E0.001	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	E0.002	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	E0.001	—	—	—
08/23/2001	—	—	—	—	E0.001	—	—	—
09/16/2001	E0.005	—	—	E0.002	E0.001	—	—	—
09/28/2001	—	—	—	—	E0.002	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene	1,2,4-Tri-methyl-benzene	Isopropyl-benzene (Cumene)	*n*-Propyl-benzene	1,3,5-Tri-methyl-benzene	1-Chloro-2-methyl-benzene	1-Chloro-4-methyl-benzene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	E0.001	—	—	—	—	—
10/26/1999	—	—	E0.001	—	—	—	—	—
11/07/1999	—	—	E0.001	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	E0.001	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	E0.004	—	—	—	—	—
12/02/2000	—	—	E0.002	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene	1,2,4-Tri-methyl-benzene	Isopropyl-benzene (Cumene)	*n*-Propyl-benzene	1,3,5-Tri-methyl-benzene	1-Chloro-2-methyl-benzene	1-Chloro-4-methyl-benzene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Bromo-chloro-methane	*n*-Butyl-benzene	*sec*-Butyl-benzene	*tert*-Butyl-benzene	1-Isopropyl-4-methyl-benzene	1,2,3-Tri-chloro-propane	1,1,1,2-Tetra-chloro-ethane	1,2,3-Tri-chloro-benzene	1,2-Di-bromo-ethane
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Bromo-chloro-methane	*n*-Butyl-benzene	*sec*-Butyl-benzene	*tert*-Butyl-benzene	1-Isopropyl-4-methyl-benzene	1,2,3-Tri-chloro-propane	1,1,1,2-Tetra-chloro-ethane	1,2,3-Tri-chloro-benzene	1,2-Di-bromo-ethane
01/07/2001	—	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methyl *tert*-butyl ether (MTBE)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromo-benzene	Diethyl ether	Diiso-propyl ether (DIPE)	Methyl acrylo-nitrile	2-Butanone (methyl ethyl ketone)
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	E0.027	—	—	0.323	—	—	—	—	—
10/26/1999	—	—	—	E0.158	—	—	—	—	—
11/07/1999	—	—	—	E0.074	—	—	—	—	—
11/19/1999	—	—	—	E0.144	—	—	—	—	—
12/13/1999	E0.080	—	—	0.562	—	—	—	—	—
12/25/1999	E0.005	—	—	0.338	—	—	—	—	—
01/06/2000	—	—	—	0.221	—	—	—	—	—
01/18/2000	7.35	—	—	0.359	—	—	—	—	—
01/30/2000	E0.091	—	—	0.180	—	—	—	—	—
02/11/2000	—	—	—	E0.062	—	—	—	—	—
03/18/2000	—	—	—	E0.048	—	—	—	—	—
04/11/2000	—	—	—	E0.018	—	—	—	—	—
04/23/2000	—	—	—	E0.083	—	—	—	—	—
05/05/2000	—	—	—	E0.053	—	—	—	—	—
05/17/2000	—	—	—	E0.056	—	—	—	—	—
05/29/2000	E0.005	—	—	0.312	—	—	—	—	E0.005
06/10/2000	—	—	—	E0.117	—	—	—	—	—
06/29/2000	—	—	—	E0.052	—	—	—	—	—
07/11/2000	E0.009	—	—	0.277	—	—	—	—	E0.005
07/23/2000	—	—	—	E0.112	—	—	—	—	—
08/04/2000	E0.017	—	—	0.207	—	—	—	—	—
08/16/2000	—	—	—	0.541	—	—	—	—	—
08/28/2000	E0.032	—	—	1.21	—	—	—	—	E0.066
09/09/2000	E0.006	—	—	0.236	—	—	—	—	E0.016
09/21/2000	—	—	—	E0.078	—	—	—	—	—
10/03/2000	E0.055	—	E0.006	1.07	—	—	—	—	E0.013
11/08/2000	E0.002	—	—	0.229	—	—	—	—	—
11/20/2000	—	—	—	0.178	—	—	—	—	E0.011
12/02/2000	—	—	—	0.289	—	—	—	—	E0.009
12/14/2000	—	—	—	E0.096	—	—	—	—	—
12/26/2000	—	—	—	E0.055	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methyl *tert*-butyl ether (MTBE)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromo-benzene	Diethyl ether	Diiso-propyl ether (DIPE)	Methyl acrylo-nitrile	2-Butanone (methyl ethyl ketone)
01/07/2001	—	—	—	E0.038	—	—	—	—	—
01/19/2001	—	—	—	E0.149	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	E0.109	—	—	—	—	—
02/24/2001	—	—	—	E0.127	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	E0.111	—	—	—	—	—
04/13/2001	E0.028	—	—	0.428	E0.005	—	—	—	—
04/13/2001	E0.028	—	—	0.428	E0.005	—	—	—	—
04/25/2001	—	—	—	E0.161	—	—	—	—	—
05/07/2001	—	—	—	0.224	—	—	—	—	—
05/19/2001	—	—	—	E0.073	—	—	—	—	—
05/31/2001	—	—	—	E0.093	—	—	—	—	—
06/12/2001	E0.022	—	—	0.412	—	—	—	—	—
06/24/2001	—	—	—	0.178	—	—	—	—	—
07/05/2001	—	—	—	E0.035	—	—	—	—	—
07/16/2001	—	—	—	0.319	—	—	—	—	—
08/08/2001	—	—	—	0.181	—	—	—	—	—
08/23/2001	—	—	—	0.184	—	—	—	—	—
09/16/2001	—	—	—	E0.131	—	—	—	—	—
09/28/2001	—	—	—	0.219	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; ºC, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methyl acrylate	Tetra-hydro-furan	1,2-Di-bromo-3-chloro-propane (DBCP)	*m- and p-* Xylene	1,2,3,5-Tetra methyl-benzene	1,2,4,5-Tetra-methyl-benzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	E0.003	—	—	—	—	—
10/26/1999	—	—	—	E0.004	—	—	—	—	—
11/07/1999	—	—	—	E0.003	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	E0.004	—	—	—	—	E0.003
12/25/1999	—	—	—	E0.002	—	—	—	—	—
01/06/2000	—	—	—	E0.002	—	—	—	—	—
01/18/2000	—	—	—	E0.005	—	—	—	—	E0.004
01/30/2000	—	—	—	E0.005	—	—	—	—	E0.002
02/11/2000	—	—	—	E0.002	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	E0.001	—	—	—	—	E0.003
06/10/2000	—	—	—	—	—	—	—	—	E0.001
06/29/2000	—	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	E0.001	—	—	—	—	—
08/16/2000	—	—	—	E0.001	—	—	—	—	—
08/28/2000	—	—	—	E0.003	—	—	—	—	—
09/09/2000	—	—	—	E0.001	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—	—
10/03/2000	—	E0.003	—	E0.004	—	—	—	—	E0.051
11/08/2000	—	—	—	E0.002	—	—	—	—	—
11/20/2000	—	—	—	E0.012	—	—	—	—	—
12/02/2000	—	E0.044	—	E0.008	—	—	—	—	—
12/14/2000	—	—	—	E0.003	—	—	—	—	—
12/26/2000	—	—	—	E0.003	—	—	—	—	—

Table 17A. Quality-control analytical cartridge travel blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sampling data lost; °C, degrees Celsius; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methyl acrylate	Tetra-hydro-furan	1,2-Di-bromo-3-chloro-propane (DBCP)	*m- and p-* Xylene	1,2,3,5-Tetra methyl-benzene	1,2,4,5-Tetra-methyl-benzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)
01/07/2001	—	—	—	E0.005	—	—	—	—	—
01/19/2001	—	—	—	E0.006	—	—	—	—	—
01/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/12/2001	—	—	—	E0.001	—	—	—	—	—
02/24/2001	—	—	—	E0.003	—	—	—	—	—
03/08/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	E0.002	—	—	—	—	—
04/13/2001	—	—	—	E0.003	—	—	—	—	E0.006
04/13/2001	—	—	—	E0.003	—	—	—	—	E0.006
04/25/2001	—	—	—	E0.002	—	—	—	—	—
05/07/2001	—	—	—	E0.032	—	—	—	—	—
05/19/2001	—	—	—	E0.002	—	—	—	—	—
05/31/2001	—	—	—	E0.002	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	E0.002	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	E0.002	—	—	—	—	—
08/08/2001	—	—	—	E0.002	—	—	—	—	—
08/23/2001	—	—	—	E0.002	—	—	—	—	—
09/16/2001	—	—	—	E0.002	—	—	—	—	—
09/28/2001	—	—	—	E0.004	—	—	—	—	—

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Spike analysis date (mm/dd/yyyy)	Dibromo-methane	Bromo-dichloro-methane	Carbon tetra-chloride	1,2-Di-chloro-ethane	Bromform (Tribromo-methane)	Dibromo-chloro-methane	Chloroform (Trichloro-methane)
10/02/1999*	10/07/1999*	NA	NA	NA	NA	NA	NA	NA
10/13/1999	10/21/1999	88.1	71.6	115	94.9	97.3	80.7	88.4
10/26/1999	10/28/1999	94.3	104	103	97.3	112	106	98.5
11/07/1999	11/15/1999	103	108	110	102	112	105	104
11/19/1999	11/29/1999	100	98.0	98.7	96.2	96.0	99.5	95.7
12/13/1999	12/16/1999	102	102	102	101	105	101	101
12/25/1999, 01/06/2000	01/13/2000	97.5	100	104	101	99.7	101	98.0
01/18/2000	01/24/2000	100	101	80	84.6	93.3	102	89.0
01/30/2000	02/03/2000	95.1	103	108	103	108	126	99.9
02/11/2000	02/17/2000	106	107	110	103	114	110	108
03/18/2000	03/23/2000	102	91.9	107	105	69.8	84.9	99.0
04/11/2000, 04/23/2000	04/25/2000	97.0	102	108	99.4	104	105	91.3
05/05/2000, 05/17/2000	05/18/2000	96.9	111	105	103	114	111	109
05/29/2000, 06/10/2000	06/12/2000	102	105	110	104	104	105	107
06/29/2000, 07/11/2000	07/17/2000	89.5	97.6	78.8	97.8	85.2	86.6	79.7
07/23/2000, 08/04/2000	08/07/2000	99.6	94.9	89.3	86.8	95.3	96.8	93.5
08/16/2000, 08/28/2000, 09/09/2000	09/19/2000	96.1	105	112	99.7	119	123	95.6
09/21/2000, 10/03/2000	10/12/2000	85.4	86.1	93.2	84.2	82.3	89.0	85.3
11/08/2000	11/16/2000	95.0	100	103	93.6	109	99.8	92.4
11/20/2000, 12/02/2000	12/07/2000	107	120	128	115	117	117	108
12/14/2000	12/20/2000	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	01/12/2001	97.0	97.8	92.1	82.5	100	103	84.4
01/19/2001, 01/31/2001	02/06/2001	99.9	111	103	93.5	98.3	120	90.8
02/12/2001, 02/24/2001	03/05/2001	98.9	104	113	95.0	101	104	93.2
03/08/2001, 03/20/2001	03/26/2001	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	04/24/2001	88.6	98.9	104	91.5	113	102	87.7
04/25/2001, 05/07/2001	05/10/2001	96.8	101	99.8	96.3	97.5	104	94.9
05/19/2001, 05/31/2001	06/07/2001	100	94.3	96.4	96.0	93.0	97.2	103
06/12/2001, 06/24/2001	06/28/2001	85.2	94.0	92.2	90.6	91.9	101	86.6
07/05/2001	07/24/2001	95.4	107	96.1	106	95.4	101	93.5
07/16/2001	08/09/2001	89.0	98.7	95.6	94.0	113	103	89.4
08/08/2001	08/21/2001	89.4	101	75.5	85.8	91.6	104	71.5
08/23/2001	09/12/2001	90.5	96.4	94.0	99.3	91.7	115	76.9
09/16/2001, 09/28/2001	10/10/2001	92.2	99.6	105	96.7	98.6	104	94.5

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Toluene	Benzene	2-Propene-nitrile (acrylonitrile)	Chloro-benzene	Ethyl-benzene	Hexachloro-ethane	Methylene chloride	Tetra-chloro-ethene (PCE)
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	101	119	105	101	103	133	119	94.8
10/26/1999	99.9	108	90.0	101	102	106	89.5	101
11/07/1999	99.8	115	96.5	102	103	108	102	101
11/19/1999	97.4	109	96.3	96.4	91.8	96.8	91.0	93.8
12/13/1999	96.4	88.6	97.4	95.0	98.3	104	99.4	93.9
12/25/1999, 01/06/2000	99.0	106	96.2	97.0	97.9	109	105	91.0
01/18/2000	107	79.4	93.5	110	103	96.2	88.3	103
01/30/2000	114	96.1	94.6	117	100	115	94.3	110
02/11/2000	101	107	105	103	106	120	111	99.7
03/18/2000	98.1	104	89.1	99.7	98.3	93.8	100	105
04/11/2000, 04/23/2000	99.6	104	95.2	99.5	98.3	106	101	96.4
05/05/2000, 05/17/2000	100	89.3	105	97.7	114	116	109	94.9
05/29/2000, 06/10/2000	98.6	99.2	95.3	101	99.0	106	106	97.0
06/29/2000, 07/11/2000	104	114	107	99.8	107	98.2	109	84.4
07/23/2000, 08/04/2000	101	96.6	102	103	95.6	96.9	88.4	107
08/16/2000, 08/28/2000, 09/09/2000	112	112	116	116	109	120	112	111
09/21/2000, 10/03/2000	90.8	88.1	90.8	93.1	88.7	89.3	88.9	88.6
11/08/2000	95.8	86.7	96.7	97.2	103	100	97.4	99.3
11/20/2000, 12/02/2000	107	119	125	108	116	105	120	106
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	103	92.8	86.2	103	100	101	83.0	97.1
01/19/2001, 01/31/2001	111	124	109	105	91.5	96.9	108	104
02/12/2001, 02/24/2001	95.0	99.0	103	96.3	93.8	101	89.3	91.4
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001 04/13/2001	99.1	126	92.2	101	116	117	97.2	94.4
04/25/2001, 05/07/2001	98.5	93.1	99.1	102	93.8	111	108	94.9
05/19/2001, 05/31/2001	99.9	107	108	104	96.2	94.2	87.0	107
06/12/2001, 06/24/2001	96.0	70.8	95.6	101	94.3	100	88.9	95.3
07/05/2001	104	89.3	104	104	111	104	98.2	96.9
07/16/2001	108	96.9	106	105	123	112	91.5	98.4
08/08/2001	123	114	124	124	125	109	80.8	102
08/23/2001	124	106	111	124	106	121	97.3	103
09/16/2001, 09/28/2001	95.7	97.2	108	91.1	96.5	117	112	96.2

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	trans-1,2-Dichloroethene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	90.7	105	111	85	92.8	110	84.5	116
10/26/1999	91.5	105	101	101	109	102	97.4	101
11/07/1999	101	95.7	104	103	109	100	99.7	102
11/19/1999	95.4	95.6	97.0	97.0	108	88.1	97.5	96.9
12/13/1999	98.8	98.4	98.3	97.5	94.1	94.3	98.5	98.3
12/25/1999, 01/06/2000	99.3	94.7	98.2	99.1	82.2	94.8	100	99.8
01/18/2000	92.7	98.4	83.6	101	87.6	99.7	102	94.7
01/30/2000	96.2	99.7	106	102	106	101	92.4	100
02/11/2000	106	107	103	105	110	108	108	103
03/18/2000	101	99.5	103	103	58.3	94.5	102	104
04/11/2000, 04/23/2000	82.2	81.0	104	100	105	96.6	101	95.8
05/05/2000, 05/17/2000	112	104	103	101	112	110	100	102
05/29/2000, 06/10/2000	101	109	103	102	108	96.3	102	105
06/29/2000, 07/11/2000	91.9	103	82.5	95.5	103	88.7	121	101
07/23/2000, 08/04/2000	90.5	94.9	89.0	98.5	87.4	97.4	99.4	93.6
08/16/2000, 08/28/2000, 09/09/2000	97.8	99.5	102	112	97.0	108	105	101
09/21/2000, 10/03/2000	91.7	89.4	87.8	88.7	79.5	90.3	90.5	86.9
11/08/2000	97.0	95.3	95.1	97.0	107	108	97.3	94.9
11/20/2000, 12/02/2000	104	113	124	117	106	101	119	113
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	85.6	86.7	86.4	100	96.5	99.0	99.8	83.6
01/19/2001, 01/31/2001	92.5	95.6	102	115	101	98.1	107	97.0
02/12/2001, 02/24/2001	96.3	97.9	100	97.0	90.4	91.5	99.6	94.9
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	90.1	89.6	98.5	96.1	107	97.9	95.4	91.0
04/25/2001, 05/07/2001	98.8	100	99.0	98.8	101	99.4	98.3	95.7
05/19/2001, 05/31/2001	100	107	96.9	97.0	94.2	102	96.6	99.5
06/12/2001, 06/24/2001	87.2	90.1	90.0	92.0	89.7	106	93.2	91.1
07/05/2001	102	103	102	99.5	110	107	104	101
07/16/2001	91.6	104	93.9	102	126	110	101	98.8
08/08/2001	83.5	109	83.1	101	96.3	107	115	105
08/23/2001	75.2	91.3	95.1	104	93.1	105	113	101
09/16/2001, 09/28/2001	93.3	98.0	99.1	100	99.4	108	99.3	95.8

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	*trans*-1,3-Dichloropropene	*cis*-1,3-Dichloropropene	Trichloroethene (TCE)	Hexachlorobutadiene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	117	109	110	117	79.0	77.2	103	109
10/26/1999	109	99.9	103	104	94.3	98.4	97.4	108
11/07/1999	110	102	101	109	100	103	101	105
11/19/1999	95.1	87.7	88	97.4	104	101	84.2	94.8
12/13/1999	96.5	94.7	95.4	95.7	100	99.6	101	95.5
12/25/1999, 01/06/2000	96.8	96.7	95.5	98.5	103	101	104	95.2
01/18/2000	101	102	101	103	99.2	99.9	107	97.7
01/30/2000	110	97.3	98.3	103	115	104	92.4	105
02/11/2000	109	108	108	107	109	102	102	107
03/18/2000	103	95.8	97.1	97.6	93.4	98.0	131	99.9
04/11/2000, 04/23/2000	99.4	97.3	98.4	99.3	112	104	95.1	103
05/05/2000, 05/17/2000	113	113	115	109	105	105	91.1	114
05/29/2000, 06/10/2000	96.1	97.9	97.9	95.2	110	106	93.2	94.3
06/29/2000, 07/11/2000	88.8	93.3	94.2	90.6	114	113	84.9	87.4
07/23/2000, 08/04/2000	102	101	102	102	100	99.0	106	102
08/16/2000, 08/28/2000, 09/09/2000	108	109	110	110	115	116	101	109
09/21/2000, 10/03/2000	95.4	93.1	91.4	100	93.1	92.8	89.2	93.6
11/08/2000	110	105	109	111	99.3	98.4	99.3	101
11/20/2000, 12/02/2000	112	103	104	120	120	119	119	110
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	97.5	98.0	97.7	103	101	103	98.5	96.6
01/19/2001, 01/31/2001	101	99.7	102	108	111	107	103	96.1
02/12/2001, 02/24/2001	122	91.9	90.2	129	113	107	100	111
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	107	99.3	101	130	102	98.7	94.9	111
04/25/2001, 05/07/2001	109	91.8	92.3	101	104	102	93.8	109
05/19/2001, 05/31/2001	125	104	104	128	94.8	96.5	102	105
06/12/2001, 06/24/2001	112	111	111	124	110	100	90.0	103
07/05/2001	101	110	105	115	112	112	92.8	98.4
07/16/2001	116	114	113	117	106	106	96.0	112
08/08/2001	114	116	121	121	131	124	102	107
08/23/2001	124	112	113	129	119	123	99.1	105
09/16/2001, 09/28/2001	117	104	105	117	102	97.0	91.5	118

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Methyl meth-acrylate	1,2,3,4-Tetra-methyl-benzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Di-chloro-2-butene	Ethyl meth-acrylate	Carbon disulfide	*cis*-1,2-Dichloro-ethene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	84.7	116	84.5	81.7	90.4	88.8	102	110
10/26/1999	101	105	97.1	96.9	87.8	95.3	76.6	98.4
11/07/1999	89.7	108	101	95.9	98.2	106	97.1	101
11/19/1999	116	97.2	99.8	103	116	119	95.4	97.4
12/13/1999	89.4	97.2	93.9	92.4	104	87.7	90.2	98.3
12/25/1999, 01/06/2000	65.9	101	94.1	92.3	95.4	71.7	111	100
01/18/2000	114	106	101	109	79.9	119	93.5	93.9
01/30/2000	83.5	107	88.5	88.3	105	84.7	90.7	99.3
02/11/2000	90.2	109	86.1	84.3	121	94.3	106	104
03/18/2000	100	97.9	98.6	102	75.8	104	93.2	111
04/11/2000, 04/23/2000	109	100	105	107	119	88.6	92.1	99
05/05/2000, 05/17/2000	126	104	84.5	81.6	94.4	123	109	103
05/29/2000, 06/10/2000	114	99.9	99.5	102	109	117	117	102
06/29/2000, 07/11/2000	112	99.7	90.4	78.4	111	120	92.2	99.7
07/23/2000, 08/04/2000	101	99.9	92.2	89.4	113	106	99.4	93.4
08/16/2000, 08/28/2000, 09/09/2000	83.3	116	89.0	86.6	90.7	80.4	118	106
09/21/2000, 10/03/2000	114	103	98.5	98.1	98.8	113	93.1	93.1
11/08/2000	92.4	113	92.9	88.8	103	109	97.3	98.9
11/20/2000, 12/02/2000	74.9	125	105	96.6	101	82.0	112	119
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	120	98.6	95.0	105	97.7	120	83.0	86.1
01/19/2001. 01/31/2001	72.4	104	94.0	96.8	84.6	84.9	99.8	98.8
02/12/2001, 02/24/2001	111	122	100	103	108	106	93.2	101
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	98.0	114	99.8	101	122	98.1	95.4	93.4
04/25/2001, 05/07/2001	99.5	105	97.9	97.2	97.5	105	99.7	98.2
05/19/2001, 05/31/2001	98.3	135	101	99.1	83.8	103	99.9	99.0
06/12/2001, 06/24/2001	112	111	103	103	115	124	81.9	91.5
07/05/2001	133	122	124	113	113	134	101	101
07/16/2001	124	122	117	118	127	130	97.9	101
08/08/2001	109	112	127	122	126	108	91.2	102
08/23/2001	125	119	92.9	87.1	108	122	95.4	97.8
09/16/2001, 09/28/2001	101	118	93.0	75.8	108	101	108	97.6

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	2-Hexanone (MBK)	Ethenyl-benzene (Styrene)	o-Xylene	1,1-Dichlo-ropropene	2,2-Di-chloro-propane	1,3-Di-chloro-propane	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	105	104	104	97.2	113	79.6	103	110
10/26/1999	96.6	103	101	99.0	93	95.3	101	99.8
11/07/1999	104	105	103	101	100	102	104	99.7
11/19/1999	104	94.6	89.3	97.6	108	96.9	89.3	91.5
12/13/1999	95.3	99.8	98.3	100	93.8	99.1	98.6	94.7
12/25/1999, 01/06/2000	106	99.8	97.6	98.6	91.6	100	97.2	97.7
01/18/2000	97.3	105	103	88.5	86.9	104	104	105
01/30/2000	121	105	101	97.9	96.3	113	96.7	98.6
02/11/2000	105	108	107	104	103	103	106	106
03/18/2000	89.4	97.2	99.5	103	120	103	96.5	92.3
04/11/2000, 04/23/2000	103	96.1	97.7	102	129	102	97.1	98.4
05/05/2000, 05/17/2000	101	116	113	99.7	102	100	106	115
05/29/2000, 06/10/2000	109	101	99.1	100	115	102	98.6	96.4
06/29/2000, 07/11/2000	111	103	106	104	80.5	111	103	103
07/23/2000, 08/04/2000	96.0	96.7	97.1	96.8	88.1	104	100	101
08/16/2000, 08/28/2000, 09/09/2000	121	115	111	106	92.5	114	116	115
09/21/2000, 10/03/2000	87.0	89.1	89.6	90.5	86.1	95.2	93.4	96.9
11/08/2000	100	108	104	98	88.1	96.7	115	115
11/20/2000, 12/02/2000	95.3	115	113	119	112	116	131	116
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	92.6	103	97.8	93.7	77.2	101	104	105
01/19/2001, 01/31/2001	127	96.1	99.8	99.0	85.6	115	98.3	107
02/12/2001, 02/24/2001	110	92.0	92.4	96.4	107	100	89.7	91.4
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	95.8	123	109	94.6	92.8	96.9	109	112
04/25/2001, 05/07/2001	119	95.0	93.9	101	102	100	98.2	91.3
05/19/2001, 05/31/2001	94.5	101	98.6	100	102	98.0	103	111
06/12/2001, 06/24/2001	118	98.1	92.2	94.6	102	97.1	101	115
07/05/2001	117	107	109	105	105	110	109	123
07/16/2001	115	126	121	104	90.3	102	126	121
08/08/2001	129	122	115	115	104	116	117	128
08/23/2001	114	113	105	118	90.7	110	112	130
09/16/2001, 09/28/2001	105	95.1	93.3	96.4	89.3	95.7	100	106

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	1,2,4-Trimethylbenzene	Isopropylbenzene (Cumene)	*n*-Propylbenzene	1,3,5-Trimethylbenzene	1-Chloro-2-methylbenzene	1-Chloro-4-methylbenzene	Bromochloromethane	*n*-Butylbenzene
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	105	102	102	103	103	104	117	111
10/26/1999	104	103	103	103	101	102	86.0	99.3
11/07/1999	104	104	103	104	102	103	102	102
11/19/1999	90.5	90.4	90.4	90.2	81.1	91.9	106	90.4
12/13/1999	99.2	98.1	101	98.3	97.9	99.4	96.6	94.2
12/25/1999, 01/06/2000	97.8	96.5	98.7	96.5	95.9	95.7	105	98.0
01/18/2000	105	103	105	105	102	107	104	104
01/30/2000	89.1	98.5	99.2	100	97.9	99.1	87.8	102
02/11/2000	106	106	106	107	107	105	113	108
03/18/2000	97.6	98	97.2	97.2	95.2	96.3	96.8	95.0
04/11/2000, 04/23/2000	98.2	101	97.3	98.1	96.4	97.4	83.7	98.6
05/05/2000, 05/17/2000	108	109	111	112	107	106	106	115
05/29/2000, 06/10/2000	98.2	99.6	98.2	99.9	100	101	99.0	98.6
06/29/2000, 07/11/2000	101	101	110	101	108	109	121	108
07/23/2000, 08/04/2000	98.5	96.8	98.2	99.6	97.5	99.4	110	103
08/16/2000, 08/28/2000, 09/09/2000	121	115	115	120	110	114	111	112
09/21/2000, 10/03/2000	93.4	92.3	91.2	92	88.5	90.9	96.0	97.0
11/08/2000	116	107	115	116	104	110	98.4	113
11/20/2000, 12/02/2000	123	120	104	123	115	117	98.9	119
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	96.8	105	101	102	99.7	102	87.6	103
01/19/2001, 01/31/2001	103	98.6	91.8	92.1	91.0	96.4	91.9	110
02/12/2001, 02/24/2001	91.1	92.8	98.5	91.7	93.4	91.8	101	121
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	124	116	113	115	113	121	78.1	115
04/25/2001, 05/07/2001	95.8	98.6	98.1	96.3	94.7	95.3	96.9	100
05/19/2001, 05/31/2001	107	99.9	102	103	100	101	125	122
06/12/2001, 06/24/2001	103	101	101	103	98.9	101	92.9	115
07/05/2001	111	108	110	108	108	108	105	124
07/16/2001	122	120	129	123	116	120	98.8	118
08/08/2001	124	119	127	118	121	124	97.7	118
08/23/2001	119	108	109	117	110	112	90.2	119
09/16/2001, 09/28/2001	99.3	96.7	97.4	99.2	98.9	99.6	97.7	111

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	*sec*-Butylbenzene	*tert*-Butylbenzene	1-Isopropyl-4-methylbenzene	1,2,3-Trichloropropane	1,1,1,2-Tetrachloroethane	1,2,3-Trichlorobenzene	1,2-Dibromoethane	Methyl *tert*-butyl ether (MTBE)
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	103	103	110	99.0	108	118	81.1	94.3
10/26/1999	102	103	100	106	105	108	94.4	98.3
11/07/1999	103	104	101	105	105	106	103	103
11/19/1999	88.8	88.1	92.1	91.7	99.3	98.4	106	98.6
12/13/1999	98.0	97.3	94.9	97.7	98.7	94.9	100	94.9
12/25/1999, 01/06/2000	95.1	96.2	97.6	99.1	101	95.1	98.9	94.5
01/18/2000	103	103	105	101	109	95.9	106	97.1
01/30/2000	92.1	92.4	96.8	98.9	119	103	117	92.4
02/11/2000	105	104	107	109	104	107	104	93.3
03/18/2000	97.4	97.9	95.5	97.2	100	97.1	102	99.1
04/11/2000, 04/23/2000	96.7	97.6	98.4	99.5	105	97.4	115	103
05/05/2000, 05/17/2000	128	107	115	111	98.9	111	98.5	96.5
05/29/2000, 06/10/200	98.9	98.5	98.2	104	103	95.4	106	104
06/29/2000, 07/11/2000	103	97.2	99.5	91.1	87.0	85.7	96.3	82.7
07/23/2000, 08/04/2000	100	100	102	96.1	95.6	102	108	87.5
08/16/2000, 08/28/2000, 09/09/2000	113	115	115	109	117	105	116	98.0
09/21/2000, 10/03/2000	94.0	92.8	98.1	83.8	91.9	96.8	93.8	95.5
11/08/2000	115	115	117	104	96.3	104	99.3	90.6
11/20/2000, 12/02/2000	131	119	118	115	113	115	115	116
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	106	102	102	96.6	99.9	94.9	101	93.3
01/19/2001, 01/31/2001	104	99.4	109	102	111	104	113	96.5
02/12/2001, 02/24/200	92.4	90.2	91.0	89.2	102	124	103	104
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	130	119	114	105	98.5	106	95.0	96.4
04/25/2001, 05/07/2001	101	94.5	92.8	94.4	102	105	100	96.0
05/19/2001, 05/31/2001	104	102	112	99.4	101	128	101	100
06/12/2001, 06/24/2001	101	101	114	92.4	97.8	110	97.4	98.2
07/05/2001	118	96.4	120	96.5	96.9	111	108	115
07/16/2001	123	125	124	111	97.7	113	104	104
08/08/2001	125	118	129	92.4	103	123	116	127
08/23/2001	114	108	126	88.9	113	120	109	97.1
09/16/2001, 09/28/2001	104	94.0	106	101	95.9	114	94.0	88.6

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromobenzene	Diethyl ether	Diisopropyl ether (DIPE)	Methyl acrylonitrile	2-Butanone (methyl ethyl ketone)	Methyl acrylate
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	99.1	101	139	102	97.3	96.5	111	90.9	93.9
10/26/1999	77.1	98.1	76.4	101	102	102	102	96.2	105
11/07/1999	86.9	98.8	110	104	102	99.0	99.6	102	91.9
11/19/1999	93.5	101	110	88.9	98.1	99.0	94.4	107	117
12/13/1999	88.0	95.8	98.6	94.6	102	97.3	101	97.0	92.8
12/25/1999, 01/06/2000	94.2	104	103	100	102	99.8	104	102	68.1
01/18/2000	101	103	91.4	102	97.7	92.2	98.3	86.9	109
01/30/2000	87.8	114	98.0	95.3	99.1	94.7	100	97.1	86.7
02/11/2000	106	105	108	107	108	104	106	112	95.6
03/18/2000	81.7	94.7	96.5	97.1	105	99.7	100	96.3	99.0
04/11/2000, 04/23/2000	69.8	101	82.4	96.2	99.7	99.7	101	108	117
05/05/2000, 05/17/2000	117	102	110	105	106	102	102	114	137
05/29/2000, 06/10/200	108	104	114	99	107	100	101	111	114
06/29/2000, 07/11/2000	118	113	123	118	110	119	118	101	104
07/23/2000, 08/04/2000	94.9	96.2	97.0	96.2	97.5	94.8	95.3	101	102
08/16/2000, 08/28/2000, 09/09/2000	90.6	117	89.3	107	107	105	107	121	72.2
09/21/2000, 10/03/2000	102	86.4	89.0	85.4	92.8	92.1	90.9	90.0	106
11/08/2000	88.7	101	91.6	100	99.8	93.1	101	97.5	104
11/20/2000, 12/02/2000	75.7	111	71.4	113	124	117	127	118	76.3
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	88.2	108	89.2	98.5	91.5	94.2	86.4	83.9	95.5
01/19/2001, 01/31/2001	82.8	131	103	94.7	103	97.3	107	101	72.0
02/12/2001, 02/24/200	103	102	82.8	91.0	79.5	99.9	106	99.5	110
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	56.6	116	69.8	104	94.0	99.4	95.7	101	96.1
04/25/2001, 05/07/2001	91.4	110	92.0	90.8	100	103	98.3	99.6	96.3
05/19/2001, 05/31/2001	125	97.1	121	99.3	107	98.3	96.4	102	103
06/12/2001, 06/24/2001	110	110	77.5	95.5	94.4	102	102	100	105
07/05/2001	128	126	101	110	111	115	119	113	124
07/16/2001	104	116	107	116	102	110	110	107	107
08/08/2001	126	131	106	120	124	127	129	125	134
08/23/2001	123	116	101	110	106	124	123	97.9	116
09/16/2001, 09/28/2001	88.8	107	86.2	97.9	94.0	96.9	101	96.6	102

Table 17B. Quality-control analytical results for cartridge spike for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. Sample volume for quality-assurance spike is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m- and p*-Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)	*tert*-Butyl alcohol
10/02/1999*	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	75.1	125	102	116	116	93.9	54.7	69.2	69.2
10/26/1999	100	117	103	105	102	98.0	91.4	96.6	96.6
11/07/1999	107	107	103	105	105	93.2	106	73.8	73.8
11/19/1999	99.3	131	90.6	95.0	94.9	130	114	108	108
12/13/1999	108	95.6	99.0	97.3	96.9	89.6	82.2	85.6	85.6
12/25/1999, 01/06/2000	101	86.5	98.1	97.2	99.0	80.2	63.4	73.8	73.8
01/18/2000	90.9	96.5	104	104	108	92.0	110	109	109
01/30/2000	95.8	115	104	102	103	76.7	59.9	80.2	80.2
02/11/2000	108	129	107	107	108	86.2	68.3	83.3	83.3
03/18/2000	104	83.3	98.0	96.8	97.5	108	108	113	113
04/11/2000, 04/23/2000	99.5	122	98.2	96.5	98.5	124	111	112	112
05/05/2000, 05/17/2000	104	130	117	97.2	102	127	122	128	128
05/29/2000, 06/10/200	108	114	101	97.8	99.8	95.1	112	113	113
06/29/2000, 07/11/2000	108	102	108	98.4	99.0	74.1	78.6	78.4	78.4
07/23/2000, 08/04/2000	96.9	82.8	91.8	103	95.5	96.7	95.7	92.1	92.1
08/16/2000, 08/28/2000, 09/09/2000	112	108	114	118	120	50.4	79.9	75.5	75.5
09/21/2000, 10/03/2000	92.4	89.9	87.7	101	99.3	86.1	105	104	104
11/08/2000	102	107	125	115	114	97.6	98.3	101	101
11/20/2000, 12/02/2000	123	103	115	123	124	73.2	73.9	70.7	70.7
12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/26/2000, 01/07/2001	93.7	89.8	99.2	101	103	88.6	113	100	100
01/19/2001, 01/31/2001	96.7	110	89.6	100	103	87.4	75.6	81.2	81.2
02/12/2001, 02/24/200	105	128	92.0	121	123	125	130	130	130
03/08/2001, 03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001, 04/13/2001	99.4	95.9	106	106	122	71.6	101	94.1	94.1
04/25/2001, 05/07/2001	97.7	114	93.0	105	115	74.7	91.6	82.6	82.6
05/19/2001, 05/31/2001	110	108	98.2	134	134	112	122	115	115
06/12/2001, 06/24/2001	103	116	127	125	126	90.8	118	107	107
07/05/2001	115	120	99.2	124	124	132	150	131	131
07/16/2001	110	125	121	123	123	96.3	126	118	118
08/08/2001	123	122	121	109	129	111	112	129	129
08/23/2001	96.6	130	111	120	121	98.5	94.5	108	108
09/16/2001, 09/28/2001	100	114	94.6	114	117	75.1	78.0	72.4	72.4

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Dibromo methane	Bromo-dichloro-methane	Carbon tetra-chloride	1,2-Di-chloro-ethane	Bromoform (Tribromo-methane)	Dibromo chloro-methane	Chloroform (Trichloro-methane)
10/02/1999	10/07/1999	—	—	—	—	—	—	—
10/13/1999	10/21/1999	—	—	—	—	—	—	—
10/26/1999	10/28/1999	—	—	—	—	—	—	—
11/07/1999	11/15/1999	—	—	—	—	—	—	—
11/19/1999	11/29/1999	—	—	—	—	—	—	—
12/13/1999	12/16/1999	—	—	—	—	—	—	—
12/25/1999	01/13/2000	—	—	—	—	—	—	—
01/06/2000	01/13/2000	—	—	—	—	—	—	—
01/18/2000	01/24/2000	—	—	—	—	—	—	—
01/30/2000	02/03/2000	—	—	—	—	—	—	—
02/11/2000	02/17/2000	—	—	—	—	—	—	—
03/18/2000	03/23/2000	—	—	—	—	—	—	—
04/11/2000	04/25/2000	—	—	—	—	—	—	—
04/23/2000	04/25/2000	—	—	—	—	—	—	—
05/05/2000	05/18/2000	—	—	—	—	—	—	—
05/17/2000	05/18/2000	—	—	—	—	—	—	—
05/29/2000	06/12/2000	—	—	—	—	—	—	—
06/10/2000	06/12/2000	—	—	—	—	—	—	—
06/29/2000	07/17/2000	—	—	—	—	—	—	—
07/11/2000	07/17/2000	—	—	—	—	—	—	—
07/23/2000	08/07/2000	NA	NA	NA	NA	NA	NA	NA
08/04/2000	08/07/2000	—	—	—	—	—	—	—
08/16/2000	09/19/2000	—	—	—	—	—	—	—
08/28/2000	09/19/2000	—	—	—	—	—	—	—
09/09/2000	09/19/2000	—	—	—	—	—	—	—
09/21/2000	10/12/2000	—	—	—	—	—	—	—
10/03/2000	10/12/2000	—	—	—	—	—	—	—
11/08/2000	11/16/2000	—	—	—	—	—	—	—
11/20/2000	12/07/2000	—	—	—	—	—	—	—
12/02/2000	12/07/2000	—	—	—	—	—	—	—
12/14/2000	12/20/2000	—	—	—	—	—	—	—
12/26/2000	01/12/2001	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Dibromo methane	Bromo-dichloro-methane	Carbon tetra-chloride	1,2-Di-chloro-ethane	Bromoform (Tribromo-methane)	Dibromo chloro-methane	Chloroform (Trichloro-methane)
01/07/2001	01/12/2001	—	—	—	—	—	—	—
01/19/2001	02/06/2001	—	—	—	—	—	—	—
01/31/2001	02/06/2001	—	—	—	—	—	—	—
02/12/2001	03/05/2001	—	—	—	—	—	—	—
02/24/2001	03/05/2001	—	—	—	—	—	—	—
03/08/2001	03/26/2001	—	—	—	—	—	—	—
03/20/2001	03/26/2001	NA	NA	NA	NA	NA	NA	NA
04/01/2001	04/24/2001	—	—	—	—	—	—	—
04/13/2001	04/24/2001	—	—	—	—	—	—	—
04/25/2001	05/10/2001	—	—	—	—	—	—	—
05/07/2001	05/10/2001	—	—	—	—	—	—	—
05/19/2001	06/07/2001	—	—	—	—	—	—	—
05/31/2001	06/07/2001	—	—	—	—	—	—	—
06/12/2001	06/28/2001	—	—	—	—	—	—	—
06/24/2001	06/28/2001	—	—	—	—	—	—	—
07/05/2001	07/24/2001	—	—	—	—	—	—	—
07/16/2001	08/09/2001	—	—	—	—	—	—	—
08/08/2001	08/21/2001	—	—	—	—	—	—	—
08/23/2001	09/12/2001	—	—	—	—	—	—	—
09/16/2001	10/10/2001	—	—	—	—	—	—	—
09/28/2001	10/10/2001	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Toluene	Benzene	2-Propenenitrile (Acrylonitrile)	Chlorobenzene	Ethylbenzene	Hexachloroethane	Methylene chloride	Tetrachloroethene (PCE)
10/02/1999	E0.001	E0.083	—	—	—	—	—	—
10/13/1999	E0.004	E0.058	E0.022	—	E0.001	—	—	—
10/26/1999	E0.018	E0.057	—	—	E0.002	—	E0.0109	—
11/07/1999	E0.007	0.120	—	—	E0.001	—	—	—
11/19/1999	E0.004	E0.052	E0.011	—	E0.001	—	E0.003	—
12/13/1999	E0.003	0.150	—	—	—	—	—	—
12/25/1999	E0.005	E0.084	—	—	—	—	E0.004	—
01/06/2000	E0.001	E0.029	E0.008	—	—	—	—	—
01/18/2000	E0.002	E0.066	—	—	—	—	—	—
01/30/2000	E0.004	E0.030	—	—	E0.001	—	—	—
02/11/2000	E0.004	E0.058	—	—	—	—	—	—
03/18/2000	E0.002	E0.056	E0.001	—	—	—	—	—
04/11/2000	E0.002	E0.027	—	—	—	—	—	—
04/23/2000	E0.001	E0.032	—	—	—	—	—	—
05/05/2000	E0.001	E0.024	—	—	—	—	—	—
05/17/2000	—	E0.040	—	—	—	—	—	—
05/29/2000	E0.001	E0.051	—	—	—	—	—	—
06/10/2000	E0.003	E0.044	—	—	—	—	—	—
06/29/2000	—	E0.062	—	—	—	—	—	—
07/11/2000	E0.003	E0.066	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	E0.001	E0.044	—	—	—	—	—	—
08/16/2000	E0.003	E0.034	—	—	—	—	—	—
08/28/2000	E0.002	0.127	—	—	—	—	—	—
09/09/2000	E0.003	E0.034	—	—	—	—	—	—
09/21/2000	E0.002	E0.039	—	—	—	—	—	—
10/03/2000	E0.003	E0.100	—	—	—	—	—	—
11/08/2000	E0.006	E0.068	—	E0.001	E0.001	—	—	—
11/20/2000	E0.014	0.338	—	E0.001	E0.002	—	—	—
12/02/2000	E0.002	E0.037	—	—	—	—	—	—
12/14/2000	E0.044	0.132	E0.016	E0.001	E0.008	—	—	—
12/26/2000	E0.008	E0.099	—	—	E0.001	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Toluene	Benzene	2-Propen-enitrile (Acryloni-trile)	Chloro-benzene	Ethyl-benzene	Hexa-chloro-ethane	Methylene chloride	Tetrachlo-roethene (PCE)
01/07/2001	E0.015	0.142	—	E0.001	E0.002	—	—	—
01/19/2001	E0.009	0.151	—	—	E0.002	—	—	—
01/31/2001	E0.009	0.144	—	—	—	—	—	—
02/12/2001	E0.007	E0.098	—	—	—	—	—	—
02/24/2001	E0.006	E0.088	—	—	E0.001	—	—	—
03/08/2001	E0.010	0.114	—	—	E0.001	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	E0.003	E0.025	—	—	—	—	—	—
04/13/2001	E0.004	E0.080	—	E0.001	E0.001	—	—	—
04/25/2001	E0.015	0.169	E0.013	—	E0.003	—	—	—
05/07/2001	E0.002	E0.043	—	—	—	—	—	—
05/19/2001	E0.004	E0.076	—	—	—	—	—	E0.009
05/31/2001	E0.003	0.226	—	—	—	—	—	—
06/12/2001	E0.003	E0.002	—	—	—	—	—	—
06/24/2001	E0.015	E0.058	—	E0.006	E0.002	—	—	—
07/05/2001	E0.003	0.209	—	—	—	—	—	—
07/16/2001	E0.002	E0.044	—	—	—	—	—	—
08/08/2001	0.004	0.098	—	—	—	—	—	—
08/23/2001	E0.002	E0.107	—	—	—	—	—	—
09/16/2001	E0.005	E0.068	—	—	E0.001	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	1,1,2,2-Tetra-chloro-ethane	1,2-Dichloro-benzene	1,2-Dichloro-propane	*trans*-1,2-Dichloro-ethene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	*trans*-1,3-Dichloropropene	*cis*-1,3-Dichloropropene	Trichloroethene (TCE)	Hexachlorobutadiene
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	—	—	E0.001	—	—	—	—
10/26/1999	—	—	—	E0.001	—	—	—	—
11/07/1999	—	—	—	E0.001	—	—	—	—
11/19/1999	—	—	—	E0.001	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	E0.001	—	—	—	—
03/18/2000	—	—	—	E0.001	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	E0.001	—	—	—	—
08/16/2000	—	—	—	E0.001	—	—	—	—
08/28/2000	—	—	—	E0.001	—	—	—	—
09/09/2000	—	—	—	E0.001	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	E0.001	—	—	—	—
11/08/2000	—	—	—	E0.003	—	—	—	—
11/20/2000	—	—	—	E0.002	—	—	—	—
12/02/2000	—	—	—	E0.003	—	—	—	—
12/14/2000	—	—	—	E0.009	—	—	—	—
12/26/2000	—	—	—	E0.002	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	*trans*-1,3-Dichloropropene	*cis*-1,3-Dichloropropene	Trichloroethene (TCE)	Hexachlorobutadiene
01/07/2001	—	—	—	E0.001	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	E0.001	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	E0.001	—	—	—	—
04/13/2001	—	—	—	E0.001	—	—	—	—
04/25/2001	—	—	—	E0.004	—	—	—	—
05/07/2001	—	—	—	E0.001	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	E0.003	—	—	—	—
07/05/2001	—	—	—	E0.002	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Methyl methacrylate	1,2,3,4-Tetramethylbenzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Dichloro-2-butene	Ethyl methacrylate	Carbon disulfide	*cis*-1,2-Dichloroethene
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	—	—	—	—	—	E0.001	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	E0.003	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	E0.005	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	—	—	—	E0.004	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	E0.009	—
12/14/2000	—	—	—	—	—	—	E0.004	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Methyl methacrylate	1,2,3,4-Tetramethylbenzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Dichloro-2-butene	Ethyl methacrylate	Carbon disulfide	*cis*-1,2-Dichloroethene
01/07/2001	—	—	—	—	—	—	E0.015	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	E0.002	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	E0.003	—
04/25/2001	—	—	—	—	—	—	E0.007	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	E0.001	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	E0.015	—
07/05/2001	—	—	—	—	—	—	E0.005	—
07/16/2001	—	—	—	—	—	—	E0.001	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	E0.013	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	2-Hexanone (MBK)	Ethenyl-benzene (styrene)	*o*-Xylene	1,1-Dichloro-propene	2,2-Dichloro-propane	1,3-Dichloro-propane	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	E0.001	E0.001	—	—	—	—	—
10/26/1999	—	E0.001	E0.003	—	—	—	—	—
11/07/1999	—	E0.001	E0.001	—	—	—	—	—
11/19/1999	—	E0.001	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	E0.001	—	—	—	—	—
02/11/2000	—	—	E0.001	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	E0.002	E0.001	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	E0.001	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	E0.001	E0.002	—	—	—	—	—
12/14/2000	—	E0.012	E0.008	—	—	—	—	—
12/26/2000	—	E0.001	E0.001	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	2-Hexanone (MBK)	Ethenyl-benzene (styrene)	*o*-Xylene	1,1-Dichloro-propene	2,2-Dichloro-propane	1,3-Dichloro-propane	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	E0.001	—	—	—	—	—
03/08/2001	—	—	E0.001	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	E0.001	—	—	—	—	—	—
04/25/2001	—	E0.018	E0.001	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	E0.013	E0.007	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	E0.002	E0.003	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	1,2,4-Trimethylbenzene	Isopropylbenzene (Cumene)	*n*-Propylbenzene	1,3,5-Trimethylbenzene	1-Chloro-2-methylbenzene	1-Chloro-4-methylbenzene	Bromochloromethane	*n*-Butylbenzene
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	1,2,4-Trimethylbenzene	Isopropylbenzene (Cumene)	*n*-Propylbenzene	1,3,5-Trimethylbenzene	1-Chloro-2-methylbenzene	1-Chloro-4-methylbenzene	Bromochloromethane	*n*-Butylbenzene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	*sec*-Butylbenzene	*tert*-Butylbenzene	1-Isopropyl-4-methylbenzene	1,2,3-Trichloropropane	1,1,1,2-Tetrachloroethane	1,2,3-Trichlorobenzene	1,2-Dibromoethane	Methyl *tert*-butyl ether (MTBE)
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	*sec*-Butyl-benzene	*tert*-Butyl-benzene	1-Isopropyl-4-methyl-benzene	1,2,3-Tri-chloro-propane	1,1,1,2-Tetra-chloro-ethane	1,2,3-Tri-chloro-benzene	1,2-Di-bromo-ethane	Methyl *tert*-butyl ether (MTBE)
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromobenzene	Diethyl ether	Diisopropyl ether (DIPE)	Methyl acrylonitrile	2-Butanone (Methyl ethyl ketone)	Methyl acrylate
10/02/1999	—	—	E0.008	—	—	—	—	—	—
10/13/1999	—	—	E0.083	—	—	—	—	—	—
10/26/1999	—	—	E0.106	—	—	—	—	—	—
11/07/1999	—	—	E0.048	—	—	—	—	—	—
11/19/1999	—	—	E0.049	—	—	—	—	—	—
12/13/1999	—	—	E0.035	—	—	—	—	—	—
12/25/1999	—	—	E0.103	—	—	—	—	—	—
01/06/2000	—	—	E0.029	—	—	—	—	—	—
01/18/2000	—	—	E0.041	—	—	—	—	—	—
01/30/2000	—	—	E0.023	—	—	—	—	—	—
02/11/2000	—	—	E0.034	—	—	—	—	—	—
03/18/2000	—	—	E0.014	—	—	—	—	—	—
04/11/2000	—	—	E0.037	—	—	—	—	—	—
04/23/2000	—	—	E0.020	—	—	—	—	—	—
05/05/2000	—	—	E0.008	—	—	—	—	—	—
05/17/2000	—	—	E0.012	—	—	—	—	—	—
05/29/2000	—	—	E0.056	—	—	—	—	—	—
06/10/2000	—	—	E0.071	—	—	—	—	—	—
06/29/2000	—	—	E0.033	—	—	—	—	—	—
07/11/2000	—	—	E0.024	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	E0.049	—	—	—	—	—	—
08/16/2000	—	—	E0.066	—	—	—	—	—	—
08/28/2000	—	—	E0.046	—	—	—	—	—	—
09/09/2000	—	—	E0.066	—	—	—	—	—	—
09/21/2000	—	—	E0.104	—	—	—	—	—	—
10/03/2000	—	—	E0.051	—	—	—	—	—	—
11/08/2000	—	—	E0.060	—	—	—	—	—	—
11/20/2000	—	—	E0.079	—	—	—	—	—	—
12/02/2000	—	—	E0.093	—	—	—	—	—	—
12/14/2000	—	—	0.272	—	—	—	—	—	—
12/26/2000	—	—	E0.046	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromobenzene	Diethyl ether	Diisopropyl-ether (DIPE)	Methyl acrylonitrile	2-Butanone (Methyl ethyl ketone)	Methyl acrylate
01/07/2001	—	—	E0.062	—	—	—	—	—	—
01/19/2001	—	—	E0.037	—	—	—	—	—	—
01/31/2001	—	—	E0.136	—	—	—	—	—	—
02/12/2001	—	—	E0.083	—	—	—	—	—	—
02/24/2001	—	—	E0.030	—	—	—	—	—	—
03/08/2001	—	—	E0.122	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	E0.036	—	—	—	—	—	—
04/13/2001	—	—	E0.057	—	—	—	—	—	—
04/25/2001	—	—	0.252	—	—	—	—	—	—
05/07/2001	—	—	E0.078	—	—	—	—	—	—
05/19/2001	—	—	E0.065	—	—	—	—	—	—
05/31/2001	—	—	E0.042	—	—	—	—	—	—
06/12/2001	—	—	E0.081	—	—	—	—	—	—
06/24/2001	—	—	E0.089	—	—	—	—	—	—
07/05/2001	—	—	E0.105	—	—	—	—	—	—
07/16/2001	—	—	E0.090	—	—	—	—	—	—
08/08/2001	—	—	0.143	—	—	—	—	—	—
08/23/2001	—	—	E0.090	—	—	—	—	—	—
09/16/2001	—	—	E0.073	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m*- and *p*-Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)
10/02/1999	—	—	—	—	—	—	—	—
10/13/1999	—	—	E0.001	—	—	—	—	—
10/26/1999	—	—	E0.005	—	—	—	—	—
11/07/1999	—	—	E0.003	—	—	—	—	—
11/19/1999	—	—	E0.001	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	E0.001	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	NA	NA	NA	NA	NA	NA	NA	NA
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	E0.001	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	E0.001	—	—	—	—	—
11/08/2000	—	—	E0.003	—	—	—	—	—
11/20/2000	—	—	E0.003	—	—	—	—	—
12/02/2000	—	—	E0.002	—	—	—	—	—
12/14/2000	—	—	E0.022	—	—	—	—	—
12/26/2000	—	—	E0.003	—	—	—	—	—

Table 17C. Quality-control analytical cartridge lot blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. 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)	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m*- and *p*-Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)
01/07/2001	—	—	E0.005	—	—	—	—	—
01/19/2001	—	—	E0.005	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	E0.001	—	—	—	—	—
03/08/2001	—	—	E0.002	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	E0.001	—	—	—	—	—
04/25/2001	—	—	E0.017	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	E0.001	—	—	—	—	—
05/31/2001	—	—	E0.001	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	E0.008	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	E0.004	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; 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)	Dibromo-methane	Bromodi-chlorometh-ane	Carbon tetra-chloride	1,2-Di-chloro-ethane	Bromoform (Tribromo-methane)	Dibro-mochloro-methane	Chloroform (Trichloro-methane)
10/02/1999*	10/07/1999*	NA	NA	NA	NA	NA	NA	NA
10/13/1999	10/21/1999	—	—	—	—	—	—	—
10/26/1999	10/28/1999	—	—	—	—	—	—	—
11/07/1999	11/15/1999	—	—	—	—	—	—	—
11/19/1999	11/29/1999	—	—	—	—	—	—	—
12/13/1999	12/16/1999	—	—	—	—	—	—	—
12/25/1999	01/13/2000	—	—	—	—	—	—	—
01/06/2000	01/13/2000	—	—	—	—	—	—	—
01/18/2000	01/24/2000	—	—	—	—	—	—	—
01/30/2000	02/03/2000	—	—	—	—	—	—	—
02/11/2000	02/17/2000	—	—	—	—	—	—	—
03/18/2000	03/23/2000	—	—	—	—	—	—	—
04/11/2000	04/25/2000	—	—	—	—	—	—	—
04/23/2000	04/25/2000	—	—	—	—	—	—	—
05/05/2000	05/18/2000	—	—	—	—	—	—	—
05/17/2000	05/18/2000	—	—	—	—	—	—	—
05/29/2000	06/12/2000	—	—	—	—	—	—	—
06/10/2000	06/12/2000	—	—	—	—	—	—	—
06/29/2000	07/17/2000	—	—	—	—	—	—	—
07/11/2000	07/17/2000	—	—	—	—	—	—	—
07/23/2000	08/07/2000	—	—	—	—	—	—	—
08/04/2000	08/07/2000	—	—	—	—	—	—	—
08/16/2000	09/19/2000	—	—	—	—	—	—	—
08/28/2000	09/19/2000	—	—	—	—	—	—	—
09/09/2000	09/19/2000	—	—	—	—	—	—	—
09/21/2000	10/12/2000	—	—	—	—	—	—	—
10/03/2000	10/12/2000	—	—	—	—	—	—	—
11/08/2000	11/16/2000	—	—	—	—	—	—	—
11/20/2000	12/07/2000	—	—	—	—	—	—	—
12/02/2000	12/07/2000	—	—	—	—	—	—	—
12/14/2000	12/20/2000	—	—	—	—	—	—	—
12/26/2000	01/12/2001	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; 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)	Dibromo-methane	Bromodi-chlorometh-ane	Carbon tetra-chloride	1,2-Di-chloro-ethane	Bromoform (Tribromo-methane)	Dibro-mochloro-methane	Chloroform (Trichloro-methane)
01/07/2001	01/12/2001	—	—	—	—	—	—	—
01/19/2001	02/06/2001	—	—	—	—	—	—	—
01/31/2001	02/06/2001	—	—	—	—	—	—	—
02/12/2001	03/05/2001	—	—	—	—	—	—	—
02/24/2001	03/05/2001	—	—	—	—	—	—	—
03/08/2001	03/26/2001	—	—	—	—	—	—	—
03/20/2001	03/26/2001	NA	NA	NA	NA	NA	NA	NA
04/01/2001	04/24/2001	—	—	—	—	—	—	—
04/13/2001	04/24/2001	—	—	—	—	—	—	—
04/25/2001	05/10/2001	—	—	—	—	—	—	—
05/07/2001	05/10/2001	—	—	—	—	—	—	—
05/19/2001	06/07/2001	—	—	—	—	—	—	—
05/31/2001	06/07/2001	—	—	—	—	—	—	—
06/12/2001	06/28/2001	—	—	—	—	—	—	—
06/24/2001	06/28/2001	—	—	—	—	—	—	—
07/05/2001	07/24/2001	—	—	—	—	—	—	—
07/16/2001	08/09/2001	—	—	—	—	—	—	—
08/08/2001	08/21/2001	—	—	—	—	—	—	—
08/23/2001	09/12/2001	—	—	—	—	—	—	—
09/16/2001	10/10/2001	—	—	—	—	—	—	—
09/28/2001	10/10/2001	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Toluene	Benzene	2-Propenenitrile (acrylonitrile)	Chlorobenzene	Ethylbenzene	Hexachloroethane	Methylene chloride	Tetrachloroethene (PCE)
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	E0.012	0.595	E0.049	—	E0.001	—	E0.004	—
10/26/1999	E0.019	E0.088	E0.010	—	E0.002	—	E0.021	—
11/07/1999	E0.006	E0.050	E0.005	—	E0.001	—	E0.002	—
11/19/1999	E0.001	E0.038	E0.006	—	—	—	E0.005	—
12/13/1999	E0.004	0.139	—	—	—	—	E0.005	—
12/25/1999	E0.008	0.130	—	—	E0.001	—	E0.007	E0.002
01/06/2000	E0.003	E0.050	E0.011	—	—	—	E0.002	—
01/18/2000	E0.011	E0.053	E0.003	—	E0.001	—	E0.005	—
01/30/2000	E0.007	E0.029	—	—	—	—	E0.004	—
02/11/2000	E0.005	E0.031	—	—	—	—	—	—
03/18/2000	E0.001	E0.027	E0.002	—	—	—	—	—
04/11/2000	E0.002	E0.041	—	—	—	—	—	—
04/23/2000	E0.002	E0.028	—	—	—	—	—	—
05/05/2000	E0.001	E0.029	—	—	—	—	—	—
05/17/2000	E0.001	E0.087	—	—	—	—	—	—
05/29/2000	E0.018	E0.071	E0.010	—	E0.001	—	—	E0.006
06/10/2000	E0.004	E0.101	—	—	—	—	—	E0.004
06/29/2000	E0.002	E0.048	E0.004	E0.001	—	—	—	—
07/11/2000	E0.006	E0.031	—	E0.001	—	—	—	E0.002
07/23/2000	E0.003	E0.002	—	—	—	—	—	—
08/04/2000	E0.005	E0.045	—	—	—	—	—	—
08/16/2000	E0.004	E0.093	—	—	—	—	—	—
08/28/2000	E0.003	E0.047	—	—	—	—	—	—
09/09/2000	E0.003	E0.087	—	—	—	—	—	—
09/21/2000	E0.003	E0.073	—	—	—	—	—	—
10/03/2000	E0.002	E0.053	—	—	—	—	—	—
11/08/2000	E0.004	0.124	—	—	—	—	—	—
11/20/2000	E0.035	0.185	E0.029	E0.001	E0.005	—	E0.007	—
12/02/2000	E0.027	E0.111	E0.011	E0.001	E0.003	—	—	—
12/14/2000	E0.008	0.119	—	—	E0.002	—	—	—
12/26/2000	E0.010	E0.068	—	—	E0.002	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Toluene	Benzene	2-Propenenitrile (acrylonitrile)	Chlorobenzene	Ethylbenzene	Hexachloroethane	Methylene chloride	Tetrachloroethene (PCE)
01/07/2001	E0.010	0.191	—	—	E0.002	—	—	—
01/19/2001	E0.018	0.114	—	—	E0.003	—	—	—
01/31/2001	E0.033	0.139	—	—	E0.006	—	—	—
02/12/2001	E0.024	0.199	—	—	E0.002	—	—	—
02/24/2001	E0.008	E0.109	—	—	E0.001	—	—	—
03/08/2001	E0.009	E0.082	—	—	E0.001	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	E0.007	E0.113	—	—	E0.001	—	—	—
04/13/2001	E0.004	E0.074	—	E0.001	E0.001	—	—	—
04/25/2001	E0.011	0.191	E0.009	—	E0.001	—	—	—
05/07/2001	E0.010	0.419	E0.011	—	E0.001	—	—	—
05/19/2001	E0.004	E0.013	—	—	—	—	—	E0.007
05/31/2001	E0.004	E0.029	—	—	—	—	—	—
06/12/2001	E0.003	E0.042	—	—	—	—	—	—
06/24/2001	E0.001	E0.031	—	E0.003	—	—	—	—
07/05/2001	E0.004	E0.084	—	—	—	—	—	—
07/16/2001	E0.003	E0.069	—	—	E0.001	—	—	—
08/08/2001	E0.002	E0.013	—	E0.001	E0.007	—	—	—
08/23/2001	E0.009	0.256	—	—	—	—	—	—
09/16/2001	E0.021	0.151	—	—	E0.003	—	—	—
09/28/2001	E0.009	E0.124	—	—	E0.001	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	0.214	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	E0.054	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene	1,2-Dichloropropane	*trans*-1,2-Dichloroethene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	*trans*-1,3-Dichloropropene	*cis*-1,3-Dichloropropene	Trichloroethene (TCE)	Hexachlorobutadiene
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	E0.001	—	—	—	—
10/26/1999	—	—	—	E0.004	—	—	—	—
11/07/1999	—	—	—	E0.003	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	E0.001	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	E0.003	—	—	—	—
01/18/2000	—	—	—	E0.003	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	E0.001	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	E0.001	—	—	E0.005	—
06/10/2000	—	—	—	E0.001	—	—	E0.002	—
06/29/2000	—	—	—	E0.001	—	—	—	—
07/11/2000	—	—	—	E0.001	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	E0.001	—	—	—	—
08/16/2000	—	—	—	E0.001	—	—	—	—
08/28/2000	—	—	—	E0.001	—	—	—	—
09/09/2000	—	—	—	E0.001	—	—	—	—
09/21/2000	—	—	—	E0.001	—	—	—	—
10/03/2000	—	—	—	E0.001	—	—	—	—
11/08/2000	—	—	—	E0.001	—	—	—	—
11/20/2000	—	—	—	E0.005	—	—	—	—
12/02/2000	—	—	—	E0.009	—	—	—	—
12/14/2000	—	—	—	E0.007	—	—	—	—
12/26/2000	—	—	—	E0.002	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,2,4-Trichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	*trans*-1,3-Dichloropropene	*cis*-1,3-Dichloropropene	Trichloroethene (TCE)	Hexachlorobutadiene
01/07/2001	—	—	—	E0.003	—	—	—	—
01/19/2001	—	—	—	E0.005	—	—	—	—
01/31/2001	—	—	—	E0.002	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	E0.001	—	—	—	—
03/08/2001	—	—	—	E0.002	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	E0.002	—	—	—	—
04/13/2001	—	—	—	E0.002	—	—	—	—
04/25/2001	—	—	—	E0.008	—	—	—	—
05/07/2001	—	—	—	E0.008	—	—	—	—
05/19/2001	—	—	—	E0.001	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	E0.001	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	E0.003	—	—	—	—
07/16/2001	—	—	—	E0.002	—	—	—	—
08/08/2001	—	—	—	E0.005	—	—	—	—
08/23/2001	—	—	—	E0.001	—	—	—	—
09/16/2001	—	—	—	E0.007	—	—	—	—
09/28/2001	—	—	—	E0.002	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methyl meth-acrylate	1,2,3,4-Tetra-methyl-benzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Dichloro-2-butene	Ethyl meth-acrylate	Carbon disulfide	*cis*-1,2-Di-chloro-ethene
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	—	—	E0.003	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	E0.002	—
06/10/2000	—	—	—	—	—	—	E0.006	—
06/29/2000	—	—	—	—	—	—	E0.006	—
07/11/2000	—	—	—	—	—	—	E0.009	—
07/23/2000	—	—	—	—	—	—	E0.001	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	E0.005	—
10/03/2000	—	—	—	—	—	—	E0.004	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	E0.006	—
12/02/2000	—	—	—	—	—	—	E0.002	—
12/14/2000	—	—	—	—	—	—	E0.010	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Methyl meth-acrylate	1,2,3,4-Tetra-methyl-benzene	Ethyl *tert*-butyl ether (ETBE)	*tert*-Amyl methyl ether (TAME)	*trans*-1,4-Dichloro-2-butene	Ethyl meth-acrylate	Carbon disulfide	*cis*-1,2-Di-chloro-ethene
01/07/2001	—	—	—	—	—	—	E0.049	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	E0.018	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	E0.003	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	E0.008	—
04/13/2001	—	—	—	—	—	—	E0.005	—
04/25/2001	—	—	—	—	—	—	E0.012	—
05/07/2001	—	—	—	—	—	—	E0.017	—
05/19/2001	—	—	—	—	—	—	E0.005	—
05/31/2001	—	—	—	—	—	—	E0.006	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	E0.023	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	E0.026	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; , sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	2-Hexanone (MBK)	Ethenyl-benzene (styrene)	*o*-Xylene	1,1-Di-chloro-propene	2,2-Di chloro-propane	1,3-Di-chloro-propane	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	E0.001	E0.001	—	—	—	—	—
10/26/1999	—	E0.002	E0.003	—	—	—	—	—
11/07/1999	—	E0.001	E0.001	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	E0.001	—	—	—	—	—	—
12/25/1999	—	—	E0.001	—	—	—	—	—
01/06/2000	—	E0.001	—	—	—	—	—	—
01/18/2000	—	E0.001	E0.002	—	—	—	—	—
01/30/2000	—	—	E0.001	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	E0.001	—	—	—	—	—	—
04/23/2000	—	E0.001	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	E0.001	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	E0.002	—	—	—	—	—	—
07/11/2000	—	E0.001	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	E0.005	E0.003	—	—	—	—	—
12/02/2000	—	E0.002	E0.004	—	—	—	—	—
12/14/2000	—	E0.001	E0.002	—	—	—	—	—
12/26/2000	—	—	E0.002	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	2-Hexanone (MBK)	Ethenyl-benzene (styrene)	*o*-Xylene	1,1-Di-chloro-propene	2,2-Di chloro-propane	1,3-Di-chloro-propane	2-Ethyl-toluene	1,2,3-Tri-methyl-benzene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	E0.005	E0.002	—	—	—	—	—
02/24/2001	—	—	E0.001	—	—	—	—	—
03/08/2001	—	E0.001	E0.001	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	E0.002	E0.001	—	—	—	—	—
04/13/2001	—	E0.001	E0.002	—	—	—	—	—
04/25/2001	—	E0.002	E0.001	—	—	—	—	—
05/07/2001	—	E0.003	E0.001	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	E0.001	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	E0.012	E0.013	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	E0.004	E0.001	—	—	—	—	—
09/28/2001	—	—	E0.001	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,2,4-Trimethylbenzene	Isopropylbenzene (Cumene)	*n*-Propylbenzene	1,3,5-Trimethylbenzene	1-Chloro-2-methylbenzene	1-Chloro-4-methylbenzene	Bromochloromethane	*n*-Butylbenzene
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	E0.001	—	—	—	—	—	—	—
10/26/1999	E0.002	—	—	—	—	—	—	—
11/07/1999	E0.001	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	E0.001	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	E0.007	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	1,2,4-Trimethylbenzene	Isopropylbenzene (Cumene)	*n*-Propylbenzene	1,3,5-Trimethylbenzene	1-Chloro-2-methylbenzene	1-Chloro-4-methylbenzene	Bromochloromethane	*n*-Butylbenzene
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	—	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	*sec*-Butylbenzene	*tert*-Butylbenzene	1-Isopropyl-4-methylbenzene	1,2,3-Trichloropropane	1,1,1,2-Tetrachloroethane	1,2,3-Trichlorobenzene	1,2-Dibromoethane	Methyl *tert*-butyl ether (MTBE)
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	—	—	—	—	—	—
10/26/1999	—	—	—	—	—	—	—	—
11/07/1999	—	—	—	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	—	—	—	—	—	—
12/25/1999	—	—	—	—	—	—	—	—
01/06/2000	—	—	—	—	—	—	—	—
01/18/2000	—	—	—	—	—	—	—	—
01/30/2000	—	—	—	—	—	—	—	—
02/11/2000	—	—	—	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	—	—	—	—	—	—
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	—	—	—	—	—	—
07/11/2000	—	—	—	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	—	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	—	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	—	—	—	—	—	—
12/02/2000	—	—	—	—	—	—	—	—
12/14/2000	—	—	—	—	—	—	—	—
12/26/2000	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	*sec*-Butyl-benzene	*tert*-Butyl-benzene	1-Isopropyl-4-methyl-benzene	1,2,3-Tri-chloro-propane	1,1,1,2-Tetra-chloro-ethane	1,2,3-Tri-chloro-benzene	1,2-Di-bromo-ethane	Methyl *tert*-butyl ether (MTBE)
01/07/2001	—	—	—	—	—	—	—	—
01/19/2001	—	—	—	—	—	—	—	—
01/31/2001	—	—	—	—	—	—	—	—
02/12/2001	—	—	—	—	E0.009	—	—	—
02/24/2001	—	—	—	—	—	—	—	—
03/08/2001	—	—	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	—	—	—	—	—	—
04/13/2001	—	—	—	—	—	—	—	—
04/25/2001	—	—	—	—	—	—	—	—
05/07/2001	—	—	—	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	—	—	—	—	—	—
06/12/2001	—	—	—	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	—	—	—	—	—	—
09/28/2001	—	—	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromo-benzene	Diethyl ether	Diisopropyl ether (DIPE)	Methyl acrylonitrile	2-Butanone (methyl ethyl ketone)	Methyl acrylate
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	E0.075	—	—	—	—	—	—
10/26/1999	—	—	0.225	—	—	—	—	—	—
11/07/1999	—	—	E0.087	—	—	—	—	—	—
11/19/1999	—	—	E0.044	—	—	—	—	—	—
12/13/1999	—	—	E0.057	—	—	—	—	—	—
12/25/1999	—	—	E0.055	—	—	—	—	—	—
01/06/2000	—	—	E0.046	—	—	—	—	—	—
01/18/2000	—	—	E0.073	—	—	—	—	—	—
01/30/2000	—	—	E0.040	—	—	—	—	—	—
02/11/2000	—	—	E0.065	—	—	—	—	—	—
03/18/2000	—	—	0.165	—	—	—	—	—	—
04/11/2000	—	—	E0.017	—	—	—	—	—	—
04/23/2000	—	—	E0.020	—	—	—	—	—	—
05/05/2000	—	—	E0.067	—	—	—	—	—	—
05/17/2000	—	—	E0.015	—	—	—	—	—	—
05/29/2000	—	—	0.475	—	—	—	—	—	—
06/10/2000	—	—	0.237	—	—	—	—	—	—
06/29/2000	—	—	E0.076	—	—	—	—	—	—
07/11/2000	—	—	E0.076	—	—	—	—	—	—
07/23/2000	—	—	0.202	—	—	—	—	—	—
08/04/2000	—	—	0.463	—	—	—	—	—	—
08/16/2000	—	—	0.163	—	—	—	—	—	—
08/28/2000	—	—	E0.112	—	—	—	—	—	—
09/09/2000	—	—	E0.127	—	—	—	—	—	—
09/21/2000	—	—	E0.076	—	—	—	—	—	—
10/03/2000	—	—	E0.042	—	—	—	—	—	—
11/08/2000	—	—	E0.046	—	—	—	—	—	—
11/20/2000	—	—	0.248	—	—	—	—	E0.020	—
12/02/2000	—	—	E0.133	—	—	—	—	E0.002	—
12/14/2000	—	—	E0.126	—	—	—	—	—	—
12/26/2000	—	—	E0.032	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromo-benzene	Diethyl ether	Diisopropyl ether (DIPE)	Methyl acrylonitrile	2-Butanone (methyl ethyl ketone)	Methyl acrylate
01/07/2001	—	—	E0.058	—	—	—	—	—	—
01/19/2001	—	—	E0.144	—	—	—	—	—	—
01/31/2001	—	—	E0.144	—	—	—	—	—	—
02/12/2001	—	—	0.245	—	—	—	—	—	—
02/24/2001	—	—	E0.117	—	—	—	—	—	—
03/08/2001	—	—	E0.123	—	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	E0.080	—	—	—	—	—	—
04/13/2001	—	—	E0.050	—	—	—	—	—	—
04/25/2001	—	—	E0.141	—	—	—	—	—	—
05/07/2001	—	—	0.192	—	—	—	—	—	—
05/19/2001	—	—	E0.082	—	—	—	—	—	—
05/31/2001	—	—	E0.048	—	—	—	—	—	—
06/12/2001	—	—	E0.090	—	—	—	—	—	—
06/24/2001	—	—	0.213	—	—	—	—	—	—
07/05/2001	—	—	E0.074	—	—	—	—	—	—
07/16/2001	—	—	E0.165	—	—	—	—	—	—
08/08/2001	—	—	—	—	—	—	—	—	—
08/23/2001	—	—	E0.126	—	—	—	—	—	—
09/16/2001	—	—	0.318	—	—	—	—	—	—
09/28/2001	—	—	0.078	—	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

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Sampling date (mm/dd/yyyy)	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m- and p*-Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)
10/02/1999	NA	NA	NA	NA	NA	NA	NA	NA
10/13/1999	—	—	E0.003	—	—	—	—	—
10/26/1999	—	—	E0.007	—	—	—	—	—
11/07/1999	—	—	E0.002	—	—	—	—	—
11/19/1999	—	—	—	—	—	—	—	—
12/13/1999	—	—	E0.001	—	—	—	—	—
12/25/1999	—	—	E0.002	—	—	—	—	—
01/06/2000	—	—	E0.001	—	—	—	—	—
01/18/2000	—	—	E0.004	—	—	—	—	—
01/30/2000	—	—	E0.003	—	—	—	—	—
02/11/2000	—	—	E0.001	—	—	—	—	—
03/18/2000	—	—	—	—	—	—	—	—
04/11/2000	—	—	—	—	—	—	—	—
04/23/2000	—	—	—	—	—	—	—	—
05/05/2000	—	—	—	—	—	—	—	—
05/17/2000	—	—	—	—	—	—	—	—
05/29/2000	—	—	E0.001	—	—	—	—	E0.004
06/10/2000	—	—	—	—	—	—	—	—
06/29/2000	—	—	E0.001	—	—	—	—	—
07/11/2000	—	—	E0.001	—	—	—	—	—
07/23/2000	—	—	—	—	—	—	—	—
08/04/2000	—	—	E0.001	—	—	—	—	—
08/16/2000	—	—	—	—	—	—	—	—
08/28/2000	—	—	—	—	—	—	—	—
09/09/2000	—	—	—	—	—	—	—	—
09/21/2000	—	—	E0.001	—	—	—	—	—
10/03/2000	—	—	—	—	—	—	—	—
11/08/2000	—	—	—	—	—	—	—	—
11/20/2000	—	—	E0.009	—	—	—	—	—
12/02/2000	—	—	E0.012	—	—	—	—	—
12/14/2000	—	—	E0.005	—	—	—	—	—
12/26/2000	—	—	E0.003	—	—	—	—	—

Table 17D. Quality-control analytical laboratory blank results for volatile organic compounds (VOC) with high breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 5.0 liters. Samples processed at 20.0 degrees Celsius and 760 torr; many samples were frozen at the 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. mm/dd/yyyy, month/day/year; *, sample data lost; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	*m- and p*-Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (*tert*-Amyl alcohol)	2-Methyl-2-propanol (*tert*-Butyl alcohol)
01/07/2001	—	—	E0.006	—	—	—	—	—
01/19/2001	—	—	E0.006	—	—	—	—	—
01/31/2001	—	—	E0.014	—	—	—	—	—
02/12/2001	—	—	E0.005	—	—	—	—	—
02/24/2001	—	—	E0.002	—	—	—	—	—
03/08/2001	—	—	E0.003	—	—	—	—	—
03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA
04/01/2001	—	—	E0.003	—	—	—	—	—
04/13/2001	—	—	E0.002	—	—	—	—	—
04/25/2001	—	—	E0.001	—	—	—	—	—
05/07/2001	—	—	E0.002	—	—	—	—	—
05/19/2001	—	—	—	—	—	—	—	—
05/31/2001	—	—	E0.001	—	—	—	—	—
06/12/2001	—	—	E0.001	—	—	—	—	—
06/24/2001	—	—	—	—	—	—	—	—
07/05/2001	—	—	—	—	—	—	—	—
07/16/2001	—	—	E0.001	—	—	—	—	—
08/08/2001	—	—	E0.009	—	—	—	—	—
08/23/2001	—	—	—	—	—	—	—	—
09/16/2001	—	—	E0.006	—	—	—	—	—
09/28/2001	—	—	E0.005	—	—	—	—	—

Table 18A. Quality-control laboratory reagent blank results for polycyclic aromatic hydrocarbon compound concentrations for the Sweetwater Reservoir air sampling site, San Diego County, California.

[Concentrations are given in nanograms per cubic meter (ng/m^3), assuming a 315 m^3 air volume, unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds were extracted using soxhlet. E, estimated value; GFF, glass fiber filter; NA, not analyzed; PUF, polyurethane foam; SIM, selective ion monitoring; —, compound was not detected at concentration above laboratory reporting level]

Type	Set Number	Extract split	SIM or scan	Phenanthrene (64422)	Anthracene (64231)	2-Methyl-anthracene (64206)	4,5-Methylene-phenanthrene (64218)	C1-178 Isomers, methylated phenanthrene/ anthracenes (64253)	1-Methyl-phenanthrene (64193)
1 PUF	99.190	No	SIM	0.084	NA	0.170	NA	0.034	0.008
1 PUF	99.348	No	SIM	0.140	—	0.004	0.032	0.012	0.004
Solvent only	99.348	No	SIM	0.004	—	—	—	—	—
1 PUF	00.222	No	SIM	E0.060	—	E0.023	—	—	—

Type	C2-178 Isomers, C2-alkylated phenanthrene/ anthracenes (64258)	Fluoranthene (64335)	Pyrene (64437)	C3-178 Isomers, C3-alkylated phenanthrene/ anthracenes (64263)	C4-178 Isomers, C4-alkylated phenanthrene/ anthracenes (64268)	1-Methylpyrene (64194)	C1-202 Isomers, methylated fluoranthene/ pyrenes (64254)	C2-202 Isomers, C2-alkylated fluoranthene/ pyrenes (64259)	C5-178 I somers, C5-alkylated phenanthrene/ anthracenes (64273)
1 PUF	NA	0.032	0.023	NA	NA	NA	NA	NA	NA
1 PUF	0.032	0.014	0.005	—	—	—	—	—	—
Solvent only	—	0.003	0.001	—	—	—	—	—	—
1 PUF	—	—	—	—	—	—	—	—	—

Table 18A. Quality-control laboratory reagent blank results for polycyclic aromatic hydrocarbon compound concentrations for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Concentrations are given in nanograms per cubic meter (ng/m^3), assuming a 315 m^3 air volume, unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds were extracted using soxhlet. E, estimated value; GFF, glass fiber filter; NA, not analyzed; PUF, polyurethane foam; SIM, selective ion monitoring; —, compound was not detected at concentration above laboratory reporting level]

Type	Benzo(*a*)-anthracene (64237)	Chrysene (64285)	C3-202 Isomers, C3-alkylated fluoranthene/ pyrenes (64264)	C1-228 Isomers, methylated benzo(*a*)anthracene/ chrysenes (64255)	C4-202 Isomers, C4-alkylated fluoranthene/ pyrenes (64269)	C5-202 Isomers, C5-alkylated fluoranthene/ pyrenes (64274)	C2-228 Isomers, C2-alkylated benzo(*a*)-anthracene/ chrysenes (64260)	Benzo(*b*)fluor-anthene (64238)	Benzo(*k*)fluor-anthene (64242)
1 PUF	NA	NA	NA	0.019	NA	NA	NA	NA	NA
1 PUF	—	—	—	—	—	—	—	—	—
Solvent only	—	—	—	—	—	—	—	—	—
1 PUF	—	—	—	—	—	—	—	—	—

Type	Benzo(*e*)-pyrene (64240)	Benzo(*a*)-pyrene (64238)	Perylene (64421)	C1-252 Isomers, C1-methylated benzopyrene/ perylenes (64256)	C3-228 Isomers, C3-alkylated benzo(*a*)anthracene/ chrysenes (64265)	C2-252 Isomers, C2-alkylated benzopyrene/ perylenes (64261)	C4-228 Isomers, C4-alkylated benzo(*a*) anthracene/ chrysenes (64270)	Benzo(*ghi*)-perylene (64241)	Indeno(1,2,3-*cd*) pyrene (64343)
1 PUF	NA	NA	NA	NA	NA	NA	NA	0.053	NA
1 PUF	—	—	—	—	—	—	—	—	—
Solvent only	—	—	—	—	—	—	—	—	—
1 PUF	—	—	—	—	—	—	—	—	—

Table 18A. Quality-control laboratory reagent blank results for polycyclic aromatic hydrocarbon compound concentrations for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Concentrations are given in nanograms per cubic meter (ng/m^3), assuming a 315 m^3 air volume, unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds were extracted using soxhlet. E, estimated value; GFF, glass fiber filter; NA, not analyzed; PUF, polyurethane foam; SIM, selective ion monitoring; —, compound was not detected at concentration above laboratory reporting level]

Type	Dibenz(*a,h*)-anthracene (64302)	C3-252 Isomers, C3-alkylated benzopyrene/ perylenes (64266)	C4-252 Isomers, C4-alkylated benzopyrene/ perylenes (64271)	C5-228 Isomers, C5-alkylated benzo(*a*)-anthracene/ chrysenes (64275)	C5-252 Isomers, C5-alkylated benzopyrene/ perylenes (64276)	Coronene (64290)	Nitro-benzene-d5 (surrogate) (90768) (percent)	2-Fluoro-biphenyl (surrogate) (90761) (percent)	Terphenyl-d14 (surrogate) (90770) (percent)
1 PUF	NA	NA	NA	NA	NA	NA	69.6	83.7	105
1 PUF	—	—	—	—	—	—	50.2	79.2	106
Solvent only	—	—	—	—	—	—	45.4	72.6	96.2
1 PUF	—	—	—	—	—	—	57.6	94.0	113

Table 18B. Quality-control laboratory reagent spike results for polycyclic aromatic hydrocarbon compound concentrations for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. The 21 Alkyl isomeric analytes on table 6 were not spiked, hence not included in this table. Compounds were extracted using soxhlet. Values are given in percent recovery. E, estimated value; NA, not analyzed]

Set number	Extract split	Phenanthrene (64422)	Anthracene (64231)	2-Methylanthracene (64206)	4,5-Methylenephenanthrene (64218)
99.190	No	96.3	80.0	87.8	93.3
99.348	No	94.3	51.2	45.1	80.8
00.222	No	108	40.5	35.8	89.2

Set number	1-Methylphenanthrene (64193)	Fluoranthene (64335)	Pyrene (64437)	1-Methylpyrene (64194)	Benzo(*a*)anthracene (64237)	Chrysene (64285)
99.190	93.2	99.8	94.3	NA	96.3	89.9
99.348	89.9	92.3	90.2	92.3	85.6	96.19
00.222	101	92.1	93.1	93.9	58.6	101

Sample identification	Benzo(*b*)fluoranthene (64239)	Benzo(*k*)fluoranthene (64242)	Benzo(*e*)pyrene (64240)	Benzo(*a*)pyrene (64238)	Perylene (64421)	Benzo(*ghi*)perylene (64241)
99.190	138	99.5	116	93.9	102	96.4
99.348	101	96.3	119	68.6	77.1	98.1
00.222	83.0	57.4	77.1	NA	NA	64.6

Sample identification	Indeno(1,2,3-cd)pyrene- (64343)	Debenz(*a,h*)anthracene (64301)	Coronene (64290)	Nirtrobenzene-d5 (surrogate) (90768)	2-Fluorobiphenyl (surrogate) (90761)	Terphenyl-d14 (surrogate) (90770)
99.190	93.8	97.5	117	88.3	90.5	104
99.348	83.1	99.1	99.5	65.8	82.1	109
00.222	25.4	63.4	74.4	60.6	96.2	116

Table 19A. Quality-control laboratory reagent blank results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Concentrations are given in nanograms per cubic meter (ng/m^3) assuming a 315 m^3 air volume, except surrogate compounds are in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (U.S. Geological Survey) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, ETPC, pebulate and terbacil were not reported during the timeframe of this report. PUF, polyurethane foam; —, compound was not detected at concentration above laboratory reporting level; solvent Lab Blank contains no PUF, only the extraction solvent]

Quality control type	Set number	2-Chloro-4-iso-propylamino-6-*s*-triazine (64203)	Acetochlor (64225)	Alachlor (64228)	α-HCH (64230)	Atrazine (64233)	Azinphos-methyl (64234)	Benfluralin (64236)
PUF Lab Blank	99.190	—	—	—	—	—	—	—
PUF Lab Blank	99.348	—	—	—	—	—	—	—
Solvent Blank	99.348	—	—	—	—	—	—	—
PUF Lab Blank	00.222	—	—	—	—	—	—	—

Quality control type	Carbaryl (estimated) (64279)	Carbofuran (estimated) (64281)	Chlorpyrifos (64283)	Cyanazine (64292)	DCPA (Dacthal) (64296)	Diazinon (64300)	Dieldrin (64305)	Dimethoate (64306)	Disulfoton (64309)
PUF Lab Blank	—	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—	—
Solvent Blank	—	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—	—

Table 19A. Quality-control laboratory reagent blank results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in nanograms per cubic meter (ng/m^3) assuming a 315 m^3 air volume, except surrogate compounds are in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (U.S. Geological Survey) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, ETPC, pebulate and terbacil were not reported during the timeframe of this report. PUF, polyurethane foam; —, compound was not detected at concentration above laboratory reporting level; solvent Lab Blank contains no PUF, only the extraction solvent]

Quality control type	α-Endosulfan (64314)	β-Endosulfan (64315)	Endosulfan sulfate (64316)	Ethalfluralin (64321)	Ethion (64322)	Ethoprop (64324)	Fonofos (64336)	Lindane (64353)	Linuron (64354)
PUF Lab Blank	—	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—	—
Solvent Blank	—	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—	—

Quality control type	Malathion (64356)	Methyl parathion (64386)	Metolachlor (64361)	Metribuzin (64362)	Molinate (64364)	Napropamide (64368)	*p,p′*-DDE (64380)	Parathion (64385)
PUF Lab Blank	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—
Solvent Blank	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—

Table 19A. Quality-control laboratory reagent blank results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Concentrations are given in nanograms per cubic meter (ng/m^3) assuming a 315 m^3 air volume, except surrogate compounds are in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (U.S. Geological Survey) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, ETPC, pebulate and terbacil were not reported during the timeframe of this report. PUF, polyurethane foam; —, compound was not detected at concentration above laboratory reporting level; solvent Lab Blank contains no PUF, only the extraction solvent]

Quality control type	Pendimethalin (64418)	*cis*-Permethrin (64288)	Phorate (64424)	Prometon (64430)	Pronamide (82676)	Propachlor (64432)	Propanil (64433)	Propargite (64434)	Simazine (64438)
PUF Lab Blank	—	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—	—
Solvent Blank	—	—	—	—	—	—	—	—	—
PUF Lab Blank	—	—	—	—	—	—	—	—	—

Quality control type	Tebuthiuron (64443)	Terbufos (64448)	Thiobencarb (64451)	Triallate (64456)	Trifluralin (64461)	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
PUF Lab Blank	—	—	—	—	—	77.6	61.4
PUF Lab Blank	—	—	—	—	—	76.5	61.0
Solvent Blank	—	—	—	—	—	69.1	62.6
PUF Lab Blank	—	—	—	—	—	74.3	69.6

Table 19B. Quality-control laboratory reagent spike results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 324141117001601. Values are given in percent recovery. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethyllaniline, butylate, EPTC, pedulate and terbacil were not reported during the time frame of this report. PUF, polyurethane foam; NA, not analyzed]

Quality control type	Set number	2-Chloro-4-isopropyl-amino-6-amino-*s*-triazine (64203)	Acetochlor (64225)	Alachlor (64228)	α-HCH (64230)	Atrazine (64233)	Azinphos-methyl (64234)	Benfluralin (64236)	Carbaryl (estimated) (64279)	Carbofuran (estimated) (64281)	Chlorpyrifos (64283)	Cyanazine (64292)
1 PUF spike	99.190	79.7	139	151	102	92.0	89.9	66.9	102	98.4	95.8	137
1 PUF spike	99.348	90.4	78.4	77.2	130	75.8	214	20.9	216	180	79.8	99.4
1 PUF spike	00.222	79.4	98.4	107	74.9	91.1	114	42.7	109	98.3	88.5	114

Quality control type	DCPA (Dacthal) (64296)	Diazinon (64300)	Dieldrin (64305)	Disulfoton (64309)	α-Endosulfan (64314)	β-Endosulfan (64315)	Endosulfan sulfate (64316)	Ethalflu-ralin (64321)	Ethion (64322)	Ethoprop (64324)	Fonofos (64336)	Lindane (64353)
1 PUF	74.7	104	173	62.5	154	87.6	92.4	76.8	89.9	78.5	109	84.8
1 PUF	70.7	72.5	105	14.0	86.8	90.8	88.0	26.4	104.0	73.8	76.0	71.9
1 PUF	80.1	99.8	96.8	0.0	91.5	67.4	77.1	29.8	90.1	69.7	73.4	75.0

Table 19B. Quality-control laboratory reagent spike results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 324141117001601. Values are given in percent recovery. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethyllaniline, butylate, EPTC, pedulate and terbacil were not reported during the time frame of this report. PUF, polyurethane foam; NA, not analyzed]

Quality control type	Linuron (64354)	Malathion (64356)	Methyl parathion (64386)	Metolachlor (64361)	Metribuzin (64362)	Molinate (64364)	Napropamide (64368)	*p,p'*-DDE (64380)	Parathion (64385)	Pendimethalin (64418)	*cis*-Permethrin (64288)	Phorate (64424)
1 PUF	175	97.8	194	105.0	88.1	80.8	160	99.9	95.4	78.2	113	84.8
1 PUF	107	91.8	56.0	85.4	80.8	70.5	109	87.6	44.9	26.3	92.3	25.8
1 PUF	153	105	68.6	87.8	71.4	109	89.3	90.8	54.4	42.6	78.1	0.0

Quality control type	Prometon (64430)	Pronamide (82676)	Propachlor (64432)	Propanil (64433)	Propargite (64434)	Simazine (64438)	Tebuthiuron (64443)	Terbufos (64448)	Thiobencarb (64451)	Triallate (64456)	Trifluralin (64461)	Diazinon-d10 (surrogate)	α-HCH-d6 (surrogate)
1 PUF	82.8	100	128	94.1	136	81.5	65.5	65.9	106	104	67.5	104	75.0
1 PUF	34.1	83.0	85.0	106	133	103	57.4	29.2	84.3	75.2	19.0	80.0	65.0
1 PUF	73.9	77.4	106	121	79.8	95.0	53.7	0.0	89.2	86.1	40.0	82.0	52.0

Table 20A. Quality-control laboratory reagent blank results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[Concentrations are given in nanograms per cubic meter, assuming a 1/m^3 air volume, unless otherwise noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; PUF, polyurethane foam; —, compound was not detected at concentration above laboratory reporting level]

Quality control type	Set number	1,4-Naphtha-quinone (64189)	*2-(4-tert-*Butyl phenoxy)-cyclohexanol (64196)	2,5-Di-chloro-aniline (64198)	2-Amino-*N*-isopropyl-benzamide (64201)	2-Chloro-2,6-diethyl-acetanilide (64202)	2-Ethyl-6-methyl-aniline (64204)	3-Trifluoro-methyl-aniline (64213)	3,4-Dichloro-aniline (64208)	3,5-Dichloro-aniline (64209)	4,4-Dichloro-benzophe-none (64214)
PUF lab blank	99.190	—	—	—	—	—	—	—	—	—	—
PUF lab blank	99.348	—	—	—	—	—	—	—	—	—	—
Solvent only-blank	99.348	—	—	—	—	—	—	—	—	—	—
PUF lab blank	00.222	—	—	—	—	—	—	—	—	—	—

Quality control type	4-Chloro 2-methyl phenol (64215)	4-Chlorophenyl methyl sulfone (64216)	Azinphos-methyl oxygen analog (64235)	Bifenthrin (64247)	Cycloate (64203)	Cyfluthrin (64294)	λ-Cyhalothrin (64352)	Cyper-methrin (64295)	Dimethoate (64306)	*E*-Dimetho-morph (64307)	*Z*-Dimetho-morph (64308)
PUF lab blank	—	—	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—	—	—
Solvent only-blank	—	—	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—	—	—

Table 20A. Quality-control laboratory reagent blank results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Concentrations are given in nanograms per cubic meter, assuming a 1/m^3 air volume, unless otherwise noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; PUF, polyurethane foam; —, compound was not detected at concentration above laboratory reporting level]

Quality control type	Disulfoton sulfone (64310)	α-Endosulfan (64314)	β-Endosulfan (64315)	Endosulfan ether (64313)	Endosulfan sulfate (64316)	Ethion (64322)	Ethion monoxon (64323)	Fenthion (64329)	Fenthion sulfone	Fenthion sulfoxide (64330)
PUF lab blank	—	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—	—
Solvent only-blank	—	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—	—

Quality control type	Fenthion sulfone oxygen analog	Flumetralin (64334)	Fonofos oxygen analog (64337)	Iprodione (64345)	Isofenphos (64348)	Malaoxon (64335)	Methidathion (64359)	Myclo-butanil (64365)	Oxyfluorfen (64378)	*O*-Ethyl-*O*-methyl-*S*-propyl phosphoro-thioate (64376)
PUF lab blank	—	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—	—
Solvent only-blank	—	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—	—

Table 20A. Quality-control laboratory reagent blank results for pesticide concentrations using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Concentrations are given in nanograms per cubic meter, assuming a 1/m^3 air volume, unless otherwise noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. mm/dd/yyyy, month/day/year; PUF, polyurethane foam; —, compound was not detected at concentration above laboratory reporting level]

Quality control type	Paraoxon-ethel (64383)	Paraoxon methyl (64384)	Profenofos (64429)	Prometryn (64431)	Propetamphos (64435)	*cis*-Propiconazole (64289)	*trans*-Propiconazole (64455)	Sulfotep (64439)	Tebupirimphos (64441)
PUF lab blank	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—
Solvent only-blank	—	—	—	—	—	—	—	—	—
PUF lab blank	—	—	—	—	—	—	—	—	—

Quality control type	Tebupirimphos oxygen analog (64442)	Tefluthrin (64444)	Temephos (64445)	Terbufos oxygen analog (64448)	Terbufos sulfone	Terbuthylazine (64449)	Tribufos (64457)	Diazinon-d10 (surrogate) (percent) (90762)	α-HCH-d6 (surrogate) (percent) (90766)
PUF lab blank	—	—	—	—	—	—	—	71.5	81.3
PUF lab blank	—	—	—	—	—	—	—	70.0	58.2
Solvent only-blank	—	—	—	—	—	—	—	54.7	53.9
PUF lab blank	—	—	—	—	—	—	—	93.7	80.5

Table 20B. Quality-control laboratory reagent spike results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[Values are given in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. —, compound was not detected at concentration above reporting level; NS, not spiked; PUF, polyurethane foam]

Quality control type	Matrix spiked	Set number	1,4-Naphtho-quinone (estimated) (64189)	2-(4-*tert*-Butyl-phenoxy)-cyclo-hexanol (64196)	2,5-Dichloro-aniline (estimated) (64198)	2-Amino-*N*-isopropyl-benzamide (estimated) (64201)	2-Chloro-2,6-diethyl-acetanilide (64202)	2-Ethyl-6-methyl-aniline (estimated) (64204)	3-Trifluoro-methylaniline (estimated) (64213)
S2002 parents only spike	1 PUF	99.190	NS	NS	NS	NS	NS	NS	NS
S2002 degradates only spike	1 PUF	99.190	44.8	76.2	62.0	76.6	85.0	59.4	44.3
S2002 spike	1 PUF	99.348	—	68.2	59.9	38.0	79.5	57.6	33.9
S2002 spike	1 PUF	00.222	—	76.5	82.3	44.5	92.6	51.8	55.9

Quality control type	3,4-Dichloroaniline (estimated) (64208)	3,5-Dichloroaniline (estimated) (64209)	4,4-Dichlorobenzo-phenone (64214)	4-Chloro-2-methyl-phenol (estimated) (64215)	4-Chlorophenyl methyl sulfone (64216)	Azinphos-methyl oxygen analog (estimated) (64235)	Bifenthrin (64247)	Cycloate (64203)
S2002 parents only spike	NS	NS	NS	NS	NS	NS	110	80.8
S2002 degradates only spike	63.4	71.0	94.5	67.6	257	66.8	NS	NS
S2002 spike	49.5	58.4	82.4	47.9	92.0	69.9	88.0	72.6
S2002 spike	49.1	82.0	103	—	93.2	41.1	97.7	80.9

Table 20B. Quality-control laboratory reagent spike results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Values are given in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. —, compound was not detected at concentration above reporting level; NS, not spiked; PUF, polyurethane foam]

Quality control type	Cyfluthrin (estimated) (64294)	λ– Cyhalothrin (64352)	Cyper-methrin (estimated) (64295)	Dimethoate (64306)	*E*-Dimetho-morph (64307)	*Z*-Dimetho-morph (64308)	Disulfoton sulfone (6430)	α-Endo-sulfan (64314)	β-Endo-sulfan (64315)
S2002 parents only spike	—	130	134	75.3	56.6	—	NS	54.6	59.3
S2002 degradates only spike	NS	NS	NS	NS	NS	NS	97.1	NS	NS
S2002 spike	97.8	72.8	95.9	67.6	93.4	75.8	96.1	69.3	108
S2002 spike	114	81.8	109	73.9	90.4	61.0	114	E39.7	78.7

Quality control type	Endosulfan ether (64313)	Endosulfan sulfate (64316)	Ethion (64322)	Ethion monoxon (estimated) (64323)	*O*-Ethyl-*O*-methyl-*S*-propylphospho-rothioate (64376)	Fenthion (estimated) (64329)	Fenthion sulfone (estimated)	Fenthion sulfoxide (estimated) (64330)
S2002 parents only spike	NS	93.2	97.0	NS	NS	83.5	27.3 (NS)	NS
S2002 degradates only spike	67.2	NS	NS	90.9	76.0	NS	20.0	94.0
S2002 spike	54.0	70.9	70.4	74.1	63.6	10.6	19.4	143
S2002 spike	87.7	66.8	74.8	81.7	87.0	—	17.3	73.0

Table 20B. Quality-control laboratory reagent spike results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Values are given in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. —, compound was not detected at concentration above reporting level; NS, not spiked; PUF, polyurethane foam]

Quality control type	Fenthion sulfone oxygen analog (estimated)	Flumetralin (estimated) (64334)	Fonofos oxygen analog (estimated) (64337)	Iprodione (estimated) (64345)	Isofenphos (64348)	Malaoxon (64355)	Methidathion (64359)	Myclobutanil (64365)	Oxyfluorfen (64378)
S2002 parents only spike	NS	73.8	NS	79.6	89.6	NS	101	90.4	69.7
S2002 degradates only spike	69.2	NS	41.8	NS	NS	77.0	NS	NS	NS
S2002 spike	66.6	40.4	39.2	58.4	72.1	53.7	91.3	70.3	65.0
S2002 spike	44.9	25.0	49.2	60.1	44.9	84.9	80.4	62.2	69.4

Quality control type	Paraoxon-ethyl (64383)	Paraoxon methyl (estimated) (64384)	Profenofos (64429)	Prometryn (64431)	Propetamphos (64435)	*cis*-Propiconazole (estimated) (64289)	*trans*-Propiconazole (64455)	Sulfotepp (64439)	Tebupirimphos (64441)
S2002 parents only spike	NS	NS	68.8	87.1	71.2	330	81.2	77.4	78.1
S2002 degradates only spike	—	37.2	NS	NS	NS	NS	NS	NS	NS
S2002 spike	54.7	26.6	63.8	58.8	56.6	103	58.2	60.4	68.6
S2002 spike	81.2	55.8	68.1	40.2	58.2	120	76.8	74.8	81.8

Table 20B. Quality-control laboratory reagent spike results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[Values are given in percent recovered. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. —, compound was not detected at concentration above reporting level; NS, not spiked; PUF, polyurethane foam]

Quality control type	Tebupirim-phos oxygen analog (64442)	Tefluthrin (64444)	Temephos (estimated) (64445)	Terbufos sulfone (estimated)	Terbufos oxygen analog sulfone (estimated) (64448)	Terbuthylazine (64449)	Tribufos (64457)	Diazinon-d10 (surrogate) (90762)	α-HCH-d6 (surrogate) (90766)
S2002 parents only spike	NS	83.0	101	NS	NS	NS	95.6	73.3	76.6
S2002 degradates only spike	86.3	NS	NS	144	NS	NS	—	68.4	74.6
S2002 spike	73.8	72.7	58.2	88.1	NS	133	73.5	95.2	57.7
S2002 spike	91.2	92.0	29.6	65.6	NS	176	74.2	94.0	77.5

Table 21. Quality-control analytical results for surrogates added to the semipermeable membrane device in the Sweetwater Reservoir, San Diego County, California.

[Time denoted in 24-hour scale; surrogate values reported as percent recovered; mm/dd/yyyy, month/day/year; SWR, Sweetwater Reservoir]

Pesticide surrogates						
Station name			**SWR near pump tower (30-day SPMD sample)**	**SWR near pump tower (60-day SPMD sample)**	**SWR near pump tower (trip blank)**	**SWR near pump tower (60-day processing blank)**
Begin date (mm/dd/yyyy)			01/25/2001	01/25/2001	01/25/2001	01/25/2001
Begin time			1000	1000	1005	1010
End date (mm/dd/yyyy)			02/22/2001	03/21/2001	03/21/2001	03/21/2001
End time			1000	1600	1605	1610
a-HCH-d6			90.0	93.0	84.0	77.0
Nonachlorobiphenyl (PCB-207)			97.0	92.0	96.0	88.0

Polycyclic aromatic hydrocarbon surrogates						
Station name	**Lab spike**	**Lab blank**	**SWR near pump tower (30-day SPMD sample)**	**SWR near pump tower (60-day SPMD sample)**	**SWR near pump tower (trip blank)**	**SWR near pump tower (60-day processing blank)**
Begin date	08/27/2001	08/27/2001	01/25/2001	01/25/2001	01/25/2001	01/25/2001
Begin time			1000	1000	1005	1010
End date			02/22/2001	03/21/2001	03/21/2001	03/21/2001
End time			1000	1600	1605	1610
Nitrobenzene-d5	76.3	58.8	48.7	47.8	49.1	58.8
2-Fluorobiphenyl	103	79.4	81.8	83.6	81.1	75.3
Terphenyl-d14	96.3	108	110	88.9	111	110

Table 22. Quality-control laboratory reagent blank and reagent spike results for selected wastewater compounds in whole water at the U.S. Geological Survey National Water Quality Laboratory, Colorado.

[The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Blank values are reported as micrograms per liter (µg/L) unless noted. Spike values are reported as percent recovery. E, estimated value; mm/dd/yyyy, month/day/year; <, compound was not detected at a concentration above laboratory reporting level; NA, not analyzed]

Date (mm/dd/yyyy)	Type	1-Methyl naphthalene (81696)	1,4-Dichlorobenzene (34571)	Bis (2-ethylhexyl) adipate (77903)	Bis (2-ethylhexyl) phthalate (39100)	2-Methylnaphthalene (30194)	2,6-Di-*tert*-butylphenol	2,6-Di-*tert*-1,4-benzoquinone	2,6-Dimethyl naphthalene (62805)
01/29/2001	Spike	NA	84	E104	E65	NA	E60	E71	NA
01/29/2001	Blank	NA	<0.040	<2.000	<2.500	NA	<0.150	<0.500	NA
04/02/2001	Spike	45	32	NA	NA	72	NA	NA	41
04/02/2001	Blank	<0.500	<0.500	NA	NA	<0.500	NA	NA	<0.500

Date (mm/dd/yyyy)	3-β-Coprostanol (62806)	3-Methyl-1(*H*)-indole (Skatole) (62807)	3-*tert*-Butyl-4-hydroxy anisole (BHA) (61702)	4-Cumyl phenol[1] (62808)	4-*n*-Octyl phenol (62809)	4-*tert*-Octylphenol (62810)	5-Methyl-1H-benzotriazole (61944)	Acetophenone (62811)
01/29/2001	E46	NA	E50	NA	NA	NA	40	88
01/29/2001	<0.600	NA	<0.120	NA	NA	NA	<0.150	<0.220
04/02/2001	E100	66	E24	91	60	22	86	84
04/02/2001	<2.000	<1.000	<5.000	<1.000	<1.000	<1.000	<2.000	<0.500

Date (mm/dd/yyyy)	Acetylhexamethyl tetrahydronaphthalene (62812)	Anthracene (34220)	Anthraquinone[1] (62813)	Benzophenone (62814)	Benzo(*a*)pyrene (34247)	β-Sitosterol[1] (62815)	β-Stigmastanol (61948)	Bisphenol A (62816)	Bromacil (30234)
01/29/2001	NA	77	NA	NA	69	NA	E34	47	NA
01/29/2001	NA	<0.060	NA	NA	<0.070	NA	<2.000	<0.090	NA
04/02/2001	67	80	66	85	67	E29	E34	77	58
04/02/2001	<0.500	<0.500	<0.500	<0.500	E0.100	<2.000	<2.000	<1.000	<0.500

[1]See footnote at end of table.

Table 22. Quality-control laboratory reagent blank and reagent spike results for selected wastewater compounds in whole water at the U.S. Geological Survey National Water Quality Laboratory, Colorado—Continued.

[The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Blank values are reported as micrograms per liter (µg/L) unless noted. Spike values are reported as percent recovery. E, estimated value; mm/dd/yyyy, month/day/year; <, compound was not detected at a concentration above laboratory reporting level; NA, not analyzed]

Date (mm/dd/yyyy)	Bromoform[1] (32104)	Butylated hydroxy toluene (BHT)	Caffeine (81436)	Camphor (62817)	Carbaryl (39750)	Carbazole (77571)	*cis*-Chlordane	Chlorpyrifos (38932)	Cholesterol (62818)
01/29/2001	NA	E58	75	NA	E43	NA	80	74	E50
01/29/2001	NA	<0.110	<0.080	NA	<0.060	NA	< 0.040	<0.020	<1.500
04/02/2001	46	NA	82	82	E10	81	NA	61	E75
04/02/2001	<0.500	NA	<0.500	<0.500	<1.000	<0.500	NA	<0.500	<2.000

Date (mm/dd/yyyy)	Codeine	Cotinine (61945)	Diazinon (39570)	Dichlorvos (30218)	Dieldrin	Diethyl phthalate (34336)	Fluoranthene (34376)	Hexahydrohexamethylcyclopentabenzopyran (62823)	Indole (62824)
01/29/2001	30	44	72	NA	90	E55	81.000	NA	NA
01/29/2001	<0.200	<0.080	<0.030	NA	<0.080	<0.350	<0.030	NA	NA
04/02/2001	NA	91	76	E57	NA	NA	79	84	42
04/02/2001	NA	<1.000	<0.500	<1.000	NA	NA	<0.500	<0.500	<0.500

Date (mm/dd/yyyy)	Isoborneol (62825)	Isophorone (34408)	Isopropylbenzene (Cumene) (77223)	Isoquinoline (62826)	*d*-Limonene (62819)	Lindane	Menthol (62827)	Metalaxyl[1] (04254)	Methyl parathion	Methyl salicylate (62828)
01/29/2001	NA	NA	NA	NA	NA	83	NA	NA	55	NA
01/29/2001	NA	NA	NA	NA	NA	<0.050	NA	NA	<0.060	NA
04/02/2001	82	81	26	72	E23	NA	64	86	NA	64
04/02/2001	<0.500	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	NA	<0.500

[1]See footnote at end of table.

Table 22. Quality-control laboratory reagent blank and reagent spike results for selected wastewater compounds in whole water at the U.S. Geological Survey National Water Quality Laboratory, Colorado—Continued.

[The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey's computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Blank values are reported as micrograms per liter (µg/L) unless noted. Spike values are reported as percent recovery. E, estimated value; mm/dd/yyyy, month/day/year; <, compound was not detected at a concentration above laboratory reporting level; NA, not analyzed]

Date (mm/dd/yyyy)	Metolachlor (82612)	*N,N*-Diethyl-*m*-toluamide (DEET) (61947)	Naphthalene (34696)	4-Nonylphenol diethoxylates (NPEO2) (61703)	4-Nonylphenol monoethoxylates (NPEO1) (61704)	4-Octylphenol diethoxylates (OPEO2) (61705)	4-Octylphenol monoethoxylates (OPEO1) (61706)	*p*-Cresol (77146)	4-Nonylphenol (total)	Pentachlorophenol (39032)
01/29/2001	NA	75	87	E54	E49	E37	E54	74	E75	NA
01/29/2001	NA	<0.080	<0.025	<1.100	<1.000	<0.200	<0.120	<0.060	<0.700	NA
04/02/2001	90	87	47	E48	NA	E47	E75	68	E42	48
04/02/2001	<0.500	<0.500	<0.500	<5.000	NA	E0.210	<1.000	<1.000	<5.000	<2.000

Date (mm/dd/yyyy)	Phenanthrene (34461)	Phenol (34694)	Phthalic anhydride	Prometon (39056)	Pyrene (34469)	Tetrachloroethene[1] (34475)	Tributyl phosphate (62832)	Triclosan (61708)	Triethyl citrate (ethyl citrate) (62833)	Triphenyl phosphate (62834)
01/29/2001	83	E75	E23	NA	80	47	NA	58	NA	80
01/29/2001	<0.050	<0.450	<0.350	NA	<0.030	<0.030	NA	<0.050	NA	<0.100
04/02/2001	82	E67	NA	81	77	19	83	41	73	57
04/02/2001	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<1.000	<0.500	<0.500

Date (mm/dd/yyyy)	Tris(2-butoxyethyl) phosphate (62830)	Tris(2-chloroethyl) phosphate (62831)	Tris(dichloroisopropyl) phosphate (61707)	4-*n*-Nonylphenol (surrogate) (percent)	BHT-d9 (surrogate) (percent)	Decafluorobiphenyl (surrogate) (percent)	Caffeine-C13 (surrogate) (percent)	Fluoranthene-d10 (surrogate) (percent)	Bisphenol A-d3 (surrogate) (percent)
01/29/2001	48	65	66	76	74	NA	NA	NA	NA
01/29/2001	<0.200	<0.040	<0.100	66	41	NA	NA	NA	NA
04/02/2001	22	71	68	NA	NA	43	69	78	47
04/02/2001	<0.500	<0.500	<0.500	NA	NA	34	56	66	2

[1]Compound not analyzed in environmental samples (table 13).