

14 Water- and Air-Quality Monitoring, Sweetwater Reservoir Watershed, San Diego County, California, 1999–2001

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	

¹Loveland Reservoir sites located on figure 3.

²Well sites and desalination facility located on figure 1.

³Quality 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; μ S/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 (μ S/cm) (00095)	Water temperature (°C) (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; μ S/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 (μ S/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; $\mu\text{S}/\text{cm}$, microsiemens per centimeter; $^{\circ}\text{C}$, 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 ($\mu\text{S}/\text{cm}$) (00095)	Water temperature ($^{\circ}\text{C}$) (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
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; $\mu\text{S}/\text{cm}$, 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 ($\mu\text{S}/\text{cm}$) (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; μ S/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 (μ S/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

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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; μ S/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 (μ S/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

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Date	Time	Sampling depth (m) (00098)	Oxygen, dissolved (mg/L) (00300)	pH, water whole field (standard units) (00400)	Specific conductance (μ S/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.

[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; μ S/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 (μ S/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; $\mu\text{S}/\text{cm}$, microsiemens per centimeter; $^{\circ}\text{C}$, 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 ($\mu\text{S}/\text{cm}$) (00095)	Water temperature ($^{\circ}\text{C}$) (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; μ S/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)
	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—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 measurable 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- chloro- 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]	[0.07]	[0.04]	[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 measurable but not quantifiable]

Site name	4-Isopropyl-1-methylbenzene (isopropyl-toluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromobenzene (81555)	Bromo-chloromethane (77297)	Bromo-dichloromethane (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 measurable but not quantifiable]

Site name	4-Isopropyl-1-methylbenzene (isopropyltoluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromobenzene (81555)	Bromo-chloromethane (77297)	Bromo-dichloromethane (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	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	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 measurable but not quantifiable]

Site name	4-Isopropyl- methyl- benzene (isopropyl- toluene) (77356)	Acetone (81552)	Acrylo- nitrile (34215)	Benzene (34030)	Bromo- benzene (81555)	Bromo- chloro- methane (77297)	Bromo- dichloro- methane (32101)	Bromo- ethene (50002)	Bromo- methane (34413)	Carbon disulfide (77041)	Chloro- benzene (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	—	—	—	—	—	—	—	—	—	—	—
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 measurable but not quantifiable]

Site name	Chloro-ethane (34311)	Chloro-methane (34418)	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 methylate (73570)	2-Butanone (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 measurable but not quantifiable]

Site name	<i>tert</i> -Butylbenzene (77353)	Tetrachloroethylene (34475)	Tetrachloromethane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	<i>trans</i> -1,2-Dichloroethylene (34546)	<i>trans</i> -1,3-Dichloropropene (34699)	<i>trans</i> -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 measurable but not quantifiable]

Site name	Trichloroethylene (39180)	Trichlorofluoromethane (34488)	Chloroform (32106)	Vinyl chloride (39175)	1,4-Bromofluorobenzene (surrogate) (percent)	1,2-Dichloroethane-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 measurable 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 measurable 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 E0.02 E0.03 E0.01 E0.09 E0.03 E0.04 —	— — — — — — — —	E0.01 — — — — — — E0.04	— — — — — — — —	106 123 129 107 101 109 105 109	107 68.5 76.1 93.0 105 87.4 90.2 89.3	107 93.4 101 98.7 101 97.0 97.8 99.3
Perdue Treatment Plant—finished water at SWR	— — — — — — — —	— — — — — — — —	16.7 20.4 E22.2 42 11.3 4.12 11.7 44.8	— — — — — — — —	107 116 135 98.4 98.7 124 121 111	95.2 69.3 74.7 88.9 99.8 75.2 77.9 81.9	90.9 83.7 102 82.9 96.7 87.8 97.7 85.8
Perdue Treatment Plant—imported raw water at SWR	— — — — — — — —	— — — — — — — —	0.17 0.35 0.35 0.31	— — — — — — — —	111 107 112 103	100 93.2 86.0 88.9	105 97.9 100 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—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 (82580)	Carbo- furan (82674)	Chlorpyrifos (39933)	Cyanazine (04041)	DCPA (Dacthal) (82682)	Deethylat- razine (04040)	Diazinon (39572)	Dieldrin (39381)	Disulfoton (82677)	EPTC (82668)	Ethalfu- ralin (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 mini- mum pool	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	0.007	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	E0.002	—	—	—	—
	—	—	—	—	—	—	0.006	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—
SWR east end reser- voir 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	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	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	— 0.01	—	—	—	—	—	105 96.5	108 93.5
	—	—	—	—	—	—	109 111	91.7 90.5
	—	—	—	—	—	—	103 99.5	84.7 85.0
	0.01	—	—	—	—	—	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	— E0.01	—	—	—	—	—	0.0 88.0	99.7 97.3
	—	—	—	—	—	—	91.9 0.0	81.7 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)	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- Trichloro- ethane	1,1,2- Trichloro- ethane	1,1,2,2- Tetrachloro- ethane	1,2- Dichloro- benzene	1,2-Dichloro- propane	<i>trans</i> -1,2- Dichloro- ethene	1,2,4- Trichloro- benzene	1,3-Dichloro- benzene
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 32414117001601. 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- Trichloro- ethane	1,1,2- Trichloro- ethane	1,1,2,2- Tetrachloro- ethane	1,2- Dichloro- benzene	1,2-Dichloro- propane	<i>trans</i> -1,2- Dichloro- ethene	1,2,4- Trichloro- benzene	1,3-Dichloro- benzene
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 32414117001601. 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)	<i>tert</i> -Pentyl methyl ether	<i>trans</i> -1,4- Dichloro-2- butene	Ethyl metha- crylate	Carbon disulfide	<i>cis</i> -1,2- Dichloro- ethene	2-Hexa- none	Styrene	<i>o</i> -Xylene	1,1-Di- chloro- propene
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)	<i>tert</i> -Pentyl methyl ether	<i>trans</i> -1,4- Dichloro-2- butene	Ethyl metha- crylate	Carbon disulfide	<i>cis</i> -1,2- Dichloro- ethene	2-Hexa- none	Styrene	<i>o</i> -Xylene	1,1-Di- chloro- propene
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	<i>o</i> -Ethyl toluene	1,2,3- Trimethyl- benzene	1,2,4- Trimethyl- benzene	Isopropyl- benzene (Cumene)	<i>n</i> -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	<i>o</i> -Ethyl toluene	1,2,3- Trimethyl- benzene	1,2,4- Trimethyl- benzene	Isopropyl- benzene (Cumene)	<i>n</i> -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 32414117001601. 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	<i>n</i> -Butyl- benzene	<i>sec</i> - Butyl- benzene	<i>tert</i> - 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 32414117001601. 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)	<i>m</i> - and <i>p</i> -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)	<i>m</i> - and <i>p</i> -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 32414117001601. 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, not total; GFF, glass fiber filter; µg/m³, 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					3.00	NT	NT	0.150	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					3.59	NT	2.90	0.160	4.07
*06/22/1999 jar broke jar broke	GFF	99.190	252.9	0.012	46.3	NA	NA	NA	NA	NA
	Top PUF					NA	NA	NA	NA	NA
	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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 ruined	GFF	02.037	316.6	0.024	76.8	—	—	—	—	—
	Top PUF					NA	NA	NA	NA	NA
	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—	—	—
11/07/2000 ruined	GFF	02.037	329.5	0.007	21.2	E0.034	E0.028	E0.027	—	E0.061
	Top PUF					NA	NA	NA	NA	NA
	Bottom PUF					NA	NA	NA	NA	NA
	Total					¹ E0.034	¹ E0.028	¹ E0.027	—	¹ E0.061
12/05/2000 ruined	Total	02.037	348.8	0.011	31.5	E0.048	0.019	—	—	E0.061

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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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	—	—	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, not total; GFF, glass fiber filter; µg/m³, 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-phenanthrene (64193)	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-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)anthracene (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
	'0.156	'0.550	0.700	0.356	'0.120	NT	NT	'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
	'0.210	'0.690	0.718	0.457	'0.110	NT	NT	'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	'0.032	'0.029	NT	NT	NT	NT	NT	NT	'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	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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-phenanthrene (64193)	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-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)anthracene (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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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-phenanthrene (64193)	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-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)anthracene (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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, not total; GFF, glass fiber filter; µg/m³, 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-phenanthrene (64193)	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 Isomers, C5-alkylated phenanthrene/anthracenes (64273)	Benz(a)anthracene (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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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-phenanthrene (64193)	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-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)anthracene (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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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-phenanthrene (64193)	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-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)anthracene (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	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 fluoranthene/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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	'0.038	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	'0.028	'0.006	'0.035	'0.021
*06/01/1999	0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.053	NA	0.037	NA
	0.034	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	0.049	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	'0.053	NT	'0.037	NT
*06/22/1999	0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.039	0.017	0.047	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
jar broke	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	'0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	'0.039	'0.017	'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	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 fluoranthene/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

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 fluoranthene/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	—	

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 fluoranthene/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	E0.047	—	E0.033	—	—	—	E0.049	E0.022	E0.026	E0.009
	E0.026	—	E0.020	—	—	—	E0.035	E0.015	E0.025	E0.011
	0.075	—	E0.019	—	—	—	E0.016	—	—	—
E1.01	—	—	—	—	—	—	—	E0.015	—	E0.010
	E1.01	—	E0.039	—	v	—	E0.051	E0.030	E0.025	E0.021
	E0.017	—	—	—	—	—	E0.034	E0.029	E0.021	—
E0.065	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	E0.082	—	—	—	—	—	E0.034	E0.029	E0.021	—
E0.003	E0.003	—	—	—	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E0.003	¹ E0.003	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
E0.170	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 E0.170	—	—	—	—	—	¹ 0.350	¹ 0.330	¹ 0.240	¹ E0.130
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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,		C1-228 Isomers,		C4-202 Isomers,		C5-202 Isomers,		C2-228 Isomers,		Benzo(k) fluoranthene (64242)	Benzo(e) pyrene (64240)	Benzo(a) pyrene (64238)
		C3-alkylated fluoranthene/pyrenes (64264)	methylated benzo(a) anthracene/chrysenes (64255)	C4-alkylated fluoranthene/pyrenes (64269)	C5-alkylated fluoranthene/pyrenes (64274)	C2-alkylated benzo(a)-anthracene/chrysenes (64260)	Benzo(b) fluoranthene (64239)							
12/05/2000	E0.120	—	—	—	—	0.200	0.270	0.190	—	—	—	—	—	—
	E0.130	—	—	—	—	E0.032	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
01/02/2001	E0.250	—	—	—	—	E0.232	0.270	0.190	—	—	—	—	—	—
	0.270	—	—	—	—	0.480	0.420	0.330	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
01/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	'0.270	—	—	—	—	'0.480	'0.420	'0.330	—	—	—	—	—	—
	E0.100	—	—	—	—	0.380	0.340	0.290	—	—	—	—	—	0.140
02/27/2001	E0.380	E0.210	—	—	—	E0.140	E0.084	E0.044	—	—	—	—	—	—
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	'E0.480	'E0.210	—	—	—	'E0.520	'E0.424	'E0.334	'0.140	—	—	—	—	—
	E0.092	E0.130	—	—	—	0.420	0.240	0.240	E0.077	—	—	—	—	—
03/27/2001	0.400	0.200	—	—	—	E0.097	E0.071	E0.034	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	E0.492	E0.330	—	—	—	E0.517	E0.311	E0.274	E0.077	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
03/27/2001	E0.020	—	—	—	—	—	—	—	—	—	—	—	—	—
	E0.030	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
E0.050	—	—	—	—	—	—	—	—	—	—	—	—	—	

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 fluoranthene/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	—	—	—	—	—	—	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 (64271)	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	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	0.048	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	0.055	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	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 (6421)	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	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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 (6421)	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	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, not total; GFF, glass fiber filter; µg/m³, 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 (6421)	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	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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	—	—	—	—	—	—	—	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, not total; GFF, glass fiber filter; µg/m³, 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			

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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			

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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			

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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
	—	—	—	—	—	—

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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			

¹See 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 32414117001601. 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/m³) unless noted. m³, cubic meter; E, estimated value; g, gram; NA, not analyzed; NT, no total; GFF, glass fiber filter; µg/m³, 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/perylene (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	—	—	—			

¹Partial 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- <i>tert</i> -Butylphenoxy)-cyclohexanol
Alachlor	2,5-Dichloroaniline
α -HCH	2-Amino- <i>N</i> -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	<i>cis</i> -Propiconazole
β -Endosulfan	Cycloate
Endosulfan sulfate	Cyfluthrin
Ethalfuralin	λ -Cyhalothrin
Ethion	Cypermethrin
Ethoprop	Dimethoate
Fenthion sulfone	Disulfoton sulfone
Fenthion sulfone oxygen analog	<i>E</i> -Dimethomorph
Fonofos	<i>Z</i> -Dimethomorph
Lindane	Endosulfan ether
Linuron	Endosulfan sulfate
Malathion	Ethion
Methyl parathion	Ethion monoxon
Metolachlor	Fenthion
Metribuzin	Fenthion sulfoxide
Molinate	Flumetralin
Napropamide	Fonofos oxygen analog
<i>p,p'</i> -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
<i>cis</i> -Permethrin	Methidathion
Phorate	Methyl paraoxon
Prometon	Myclobutanil
Pronamide	<i>O</i> -Ethyl- <i>O</i> -methyl- <i>S</i> -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
	<i>trans</i> -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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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; $\mu\text{g}/\text{m}^3$, 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 ($\mu\text{g}/\text{m}^3$)	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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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					—	—	—	—	—
	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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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					—	—	—	—	10.07
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

¹Partial 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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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	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	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 32414117001601. 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; $\mu\text{g}/\text{m}^3$, 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)	Laboratory set number	Air (m^3)	Particle weight (g)	Total suspended particles ($\mu\text{g}/\text{m}^3$)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
09/04/2001	GFF	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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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
	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	—	—	—		

¹Partial 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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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
02/27/2001	—	—	—	—	—	NA	NA
	0.14	0.03	0.14	—	0.80	—	—
	—	—	—	—	—	67.8	40.0
	—	0.06	—	—	0.60	98.3	84.5
03/27/2001	—	—	—	—	—	105	84.5
	—	0.06	—	—	0.60	—	—
	—	—	—	—	—	NA	NA
06/19/2001	0.07	0.05	—	—	0.13	96.2	79.0
	—	—	—	—	—	99.0	82.3
	0.07	0.05	—	—	0.13	—	—
08/08/2001	—	—	—	—	—	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 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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 32414117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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 32414117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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 32414117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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)	Laboratory set number	Type	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	02.037	GFF	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	02.037	GFF	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	02.037	GFF	348.8	0.011	31.5	—	—	0.16	74.6	75.7
ruined		Top PUF				—	—	—	82.7	82.5
ruined		Bottom PUF				—	—	—	91.9	74.6
		Total				—	—	0.16		
01/02/2001	02.037	GFF	315.7	0.022	70.3	—	0.06	0.14	64.9	45.0
ruined		Top PUF				NA	NA	NA	NA	NA
ruined		Bottom PUF				NA	NA	NA	NA	NA
		Total				NT	¹ 0.06	¹ 0.14		
01/30/2001	02.037	GFF	360.4	0.014	37.7	—	0.07	0.07	56.6	41.8
ruined		Top PUF				0.15	—	—	99.3	88.5
ruined		Bottom PUF				NA	NA	NA	NA	NA
		Total				¹ 0.150	¹ 0.07	¹ 0.07		

¹Partial 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 32414117001601. Air sampling concentrations are in nanograms per cubic meter (ng/m³) 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/m³, 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 ($\mu\text{g/L}$) unless noted; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/ yyyy)	Time	1,4- Naphtho- quinone (61611)	1-Naphthol (49295)	2-(4- <i>tert</i> - Butyl- phenoxy)- cyclo- hexanol (61637)	2,5-Di- chloro- aniline (61614)	2-Amino- <i>N</i> -isopro- pylbenza- mide (61617)	2-Chloro- 2,6-di- ethyl- acetani- lide (61618)	2-Ethyl- 6-methyl- aniline (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 Cotton- wood 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	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)
	[0.02]	[0.008]	[0.03]	[0.008]	[0.02]	(0.008)	[0.02]	[0.02]	
[LRL]									
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
Oxychlorane	<5.0	<5.0	<5.0	<5.0
<i>trans</i> -Chlorodane	E2.2	E3.7	E3.0	<5.0
<i>o,p</i> -DDE	<5.0	<5.0	<5.0	<5.0
<i>cis</i> -Chlordane	E2.5	E4.2	E2.6	<5.0
<i>trans</i> -Nonachlor	E1.7	E1.0	E1.0	<5.0
Dieldrin	<5.0	<5.0	<5.0	<5.0
<i>p,p</i> -DDE	<5.0	E2.9	<5.0	<5.0
<i>o,p</i> -DDD	<5.0	<5.0	<5.0	<5.0
Endrin	<5.0	<5.0	<5.0	<5.0
<i>cis</i> -Nonachlor	<5.0	<5.0	<5.0	<5.0
<i>p,p</i> -DDD	<5.0	<5.0	<5.0	<5.0
<i>o,p</i> -DDT	<5.0	<5.0	<5.0	<5.0
<i>p,p</i> -DDT	<5.0	<5.0	<5.0	<5.0
<i>o,p</i> -Methoxychlor	<5.0	<5.0	<5.0	<5.0
<i>p,p</i> -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
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	56.8	<50	<100	<100	<100	<100
<i>p</i> -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-Trimethylphenol	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-Ethyl-naphthalene	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
<i>N</i> -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(<i>c</i>) 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- <i>n</i> -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; $\mu\text{g/L}$, microgram per liter; <, compound was not detected at a concentration above the laboratory reporting level]

Station name	Date	Time	Copper ($\mu\text{g/L}$) (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.—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)	Tetra-chloroethene (34475)	Tetra-chloro-methane (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)	Trichloro-methane (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 ($\mu\text{g/L}$), 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—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)	β-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 (0.080)	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)	Naphthalene (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—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	4-Nonylphenol diethoxylates (NPEO2) (61703)	Nonylphenol monoethoxylates (NPEO1) (61704)	4-Octylphenol monoethoxylates (OPEO2) (61705)	4-Octylphenol monoethoxylates (OPEO1) (61706)	p-Cresol (77146)	4-Nonylphenol (total) (62829)	Pentachlorophenol (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)	Triethylcitrate (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-bu-toxyethyl) phosphate (62830)	Tris(2-chloro ethyl) phosphate (62831)	Tris(di-chloroiso-propyl) phosphate (61707)	4- <i>n</i> -Nonyl phenol (surrogate) (percent)	BHT-d9 (surrogate) (percent)	Decafluoro-biphenyl (surrogate) (percent)	Caffeine-C-13 (surrogate) (percent)	Fluoran-thene-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 ($\mu\text{g/L}$), 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-Tetra- chloroethane (77562)	1,1,1-Trichlo- roethane (34506)	1,1,2,2-Tetra- chloroethane (34516)	1,1,2-Trichloro- trifluoro- ethane (77652)	1,1,2-Tri- chloro- ethane (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

¹Blank 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-Di-chloro-ethane (34496)	1,1-Dichloro-ethylene (34501)	1,1-Di-chloro-propene (77168)	1,2,3,4-Tetra-methyl-benzene (49999)	1,2,3,5-Tetra-methyl-benzene (50000)	1,2,3-Tri-chloro-benzene (77613)	1,2,3-Tri-chloro-propane (77443)	1,2,3-Tri-methyl-benzene (77221)	1,2,4-Tri-chloro-benzene (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

¹Blank 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-Tri-methyl-benzene (77222)	1,2-Di-bromo-3-chloro-propane (82625)	1,2-Dibromo-ethane (77651)	1,2-Di-chloro-benzene (34536)	1,2-Di-chloro-ethane (32103)	1,2-Dichloro-propane (34541)	1,3,5-Tri-methyl-benzene (77226)	1,3-Di-chloro-benzene (34566)	1,3-Di-chloro-propane (77173)	1,4-Di-chloro-benzene (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

¹Blank 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

¹Blank 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)	Bromochloromethane (77297)	Bromodichloromethane (32101)	Bromoethene (50002)	Bromomethane (34413)	Carbon disulfide (77041)	Chlorobenzene (34301)	Chloroethane (34311)	Chloromethane (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

¹Blank 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-Di-chloro-ethylene (77093)	cis-1,3-Di-chloro-propene (34704)	Dibromo-chloro-methane (32105)	Dibromo-methane (30217)	Dichloro-difluoro-methane (34668)	Dichloro-methane (34423)	Diethyl ether (81576)	Diiso-propyl ether (81577)	Ethyl meth-acrylate (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

¹Blank 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-Buta- none (81595)	Ethyl- benzene (34371)	Hexa- chloro- butadiene (39702)	Hexa- chloro- ethane (34396)	Methyl iodide (77424)	4-Methyl-2- pentanone (78133)	Isopropyl- benzene (77223)	Methyl acrylo- nitrile (81593)	Methyl acrylate (49991)	Methyl meth- acrylate (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

¹Blank 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

¹Blank 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.

Site name	Ethyl <i>tert</i> -butyl ether (50004)	Methyl <i>tert</i> -butyl ether (MTBE) (78032)	<i>tert</i> -Butylbenzene (77353)	Tetrachloroethylene (34475)	Tetra-chloro-methane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	<i>trans</i> -1,2-Di-chloro-ethylene (34546)	<i>trans</i> -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

¹Blank nano-pure water from Sweetwater Laboratory.

[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]

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	<i>trans</i> -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

¹Blank 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-Diethyl- aniline (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)	Deethyl- atrazine (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)	Ethalfuralin (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, Sweet-water 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)	Pebutate (82669)	Pendi- methalin (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 32414117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 1.5 liters. Many samples were frozen at laboratory and analyzed on the same day. Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. °C, degrees Celsius; mm/dd/yyyy, month/day/year; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

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

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

Sampling date (mm/dd/yyyy)	Blank analysis date (mm/dd/yyyy)	Pressure (torr)	Temperature (°C)	Dichloro-difluoro-methane (CFC-12)	Chloro-methane	Chloro-ethene (vinyl chloride)	Bromo-methane	Chloro-ethane	Bromo-ethene (vinyl bromide)	1,1,2-Trichloro-1,2,2-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 32414117001601. Concentrations are given in parts per billion by volume (ppbv). Sample volume for quality-assurance blank is 1.5 liters. Many samples were frozen at laboratory and analyzed on the same day. Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. °C, degrees Celsius; mm/dd/yyyy, month/day/year; E, estimated value; NA, not analyzed; —, compound was not detected at a concentration above laboratory reporting level]

Sampling date (mm/dd/yyyy)	Blank analysis date (mm/dd/yyyy)	Pressure (torr)	Temperature (°C)	Dichloro-difluoro-methane (CFC-12)	Chloro-methane	Chloro-ethene (vinyl chloride)	Bromo-methane	Chloro-ethane	Bromo-ethene (vinyl bromide)	1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113)
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 32414117001601. 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	Chloroethane	Bromoethene (vinyl bromide)	1,1,2-Tri-chloro-1,2,2-trifluoroethane (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 32414117001601. 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. mmmddyyy. 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 32414117001601, 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)	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	—	—	—	—	—	—	—
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 32414117001601, 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)	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)
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)	Dibromo- methane	Bromo- dichloro- methane	Carbon tetra- chloride	1,2-Di- chloro- ethane	Bromoform (Tribromo- methane)
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)	Dibromo- methane	Bromo- dichloro- methane	Carbon tetra- chloride	1,2-Di- chloro- ethane	Bromoform (Tribromo- methane)
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; °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)	Dibromochloromethane	Chloroform (Trichloromethane)	Toluene	Benzene	2-Propenenitrile (acrylonitrile)	Chlorobenzene	Ethylbenzene	Hexachloroethane
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)	Dibromochloromethane	Chloroform (Trichloromethane)	Toluene	Benzene	2-Propenenitrile (acrylonitrile)	Chlorobenzene	Ethylbenzene	Hexachloroethane
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; °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	Tetrachloroethene (PCE)	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichlorobenzene
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; °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	<i>trans</i> -1,2-Di- chloro- ethene	1,2,4-Tri- chloro- benzene	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Naph- thalene	<i>trans</i> -1,3- Dichloro- propene	<i>cis</i> -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	<i>trans</i> -1,2-Di- chloro- ethene	1,2,4-Tri- chloro- benzene	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Naph- thalene	<i>trans</i> -1,3- Dichloro- propene	<i>cis</i> -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; °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	<i>cis</i> -1,2-Dichloroethene	2-Hexanone (MBK)	Ethenylbenzene (Styrene)	<i>o</i> -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	<i>cis</i> -1,2-Dichloroethene	2-Hexanone (MBK)	Ethenylbenzene (Styrene)	<i>o</i> -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 32414117001601. 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 <i>tert</i> - 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 acrylonitrile	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; °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)	<i>m- and p-</i> Xylene	1,2,3,5- Tetra- methyl- benzene	1,2,4,5- Tetra- methyl- benzene	Methyl acetate	2-Methyl- 2-butanol (<i>tert</i> -Amyl alcohol)	2-Methyl- 2-propanol (<i>tert</i> -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)	<i>m- and p-</i> Xylene	1,2,3,5- Tetra- methyl- benzene	1,2,4,5- Tetra- methyl- benzene	Methyl acetate	2-Methyl- 2-butanol (<i>tert</i> -Amyl alcohol)	2-Methyl- 2-propanol (<i>tert</i> -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 (acryloni- trile)	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-Di-chloro-ethane	1,1-Di-chloro-ethene	1,1,1-Tri-chloro-ethane	1,1,2-Tri-chloro-ethane	1,1,2,2-Tetra-chloro-ethane	1,2-Di-chloro-benzene	1,2-Dichloro-propane	trans-1,2-Dichloro-ethene
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 32414117001601. 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-Tri- chloro- benzene	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Naph- thalene	<i>trans</i> -1,3- Dichloro- propene	<i>cis</i> -1,3-Di- chloro- propene	Trichloro- ethene (TCE)	Hexa- chloro- butadiene
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 32414117001601. 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 methacrylate	1,2,3,4-Tetra-methyl-benzene	Ethyl <i>tert</i> -butyl ether (ETBE)	<i>tert</i> -Amyl methyl ether (TAME)	<i>trans</i> -1,4-Di-chloro-2-butene	Ethyl methacrylate	Carbon disulfide	<i>cis</i> -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 32414117001601. 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-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	Bromo- chloro- methane	n-Butyl- benzene
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 32414117001601. 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)	<i>sec</i> -Butyl- benzene	<i>tert</i> -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 <i>tert</i> - 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, 06/10/2000	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, 02/24/2001	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 32414117001601. 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	Bromo-benzene	Diethyl ether	Diiso-propyl 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, 06/10/2000	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, 02/24/2001	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 32414117001601. 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)	<i>m- and p-Xylene</i>	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (<i>tert</i> -Amyl alcohol)	2-Methyl-2-propanol (<i>tert</i> -Butyl alcohol)	<i>tert</i> -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, 06/10/2000	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, 02/24/2001	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 32414117001601. 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-Propen- enitrile (Acryloni- trile)	Chloro- benzene	Ethyl- benzene	Hexa- chloro- ethane	Methylene chloride	Tetrachlo- roethene (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)	1,2,4-Tri- chloro- benzene	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Naph- thalene	<i>trans</i> -1,3- Dichloro- propene	<i>cis</i> -1,3- Dichloro- propene	Trichloro- ethene (TCE)	Hexa- chlorobuta- diene
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)	2-Hexanone (MBK)	Ethenyl- benzene (styrene)	<i>o</i> - 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)	3-Chloro-1-propene	4-Methyl-2-pentanone (MIBK)	Acetone	Bromo-benzene	Diethyl ether	Diiso-propyl-ether (DIPE)	Methyl acrylo-nitrile	2-Bu-tanone (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)	Tetrahydrofuran	1,2-Dibromo-3-chloropropane (DBCP)	<i>m</i> - and <i>p</i> -Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (<i>tert</i> -Amyl alcohol)	2-Methyl-2-propanol (<i>tert</i> -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 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-Prope- nenitrile (acrylo- nitrile)	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	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-Prope- nenitrile (acrylo- nitrile)	Chloro- benzene	Ethyl- benzene	Hexachloro- ethane	Methylene chloride	Tetra- chloro- ethene (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)	1,2,4-Tri- chloro- benzene	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Naph- thalene	<i>trans</i> -1,3- Dichloro- propene	<i>cis</i> -1,3-Di- chloro- propene	Trichloro- ethene (TCE)	Hexa- chloro- butadiene
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-Tri- chloro- benzene	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Naph- thalene	<i>trans</i> -1,3- Dichloro- propene	<i>cis</i> -1,3-Di- chloro- propene	Trichloro- ethene (TCE)	Hexa- chloro- butadiene
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)	2-Hexanone (MBK)	Ethenyl- benzene (styrene)	<i>o</i> -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)	<i>o</i> -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)	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.

[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)	<i>m- and p-</i> Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (<i>tert</i> -Amyl alcohol)	2-Methyl-2-propanol (<i>tert</i> -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)	<i>m- and p-</i> Xylene	1,2,3,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	Methyl acetate	2-Methyl-2-butanol (<i>tert</i> -Amyl alcohol)	2-Methyl-2-propanol (<i>tert</i> -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—Continued.

[Concentrations are given in nanograms per cubic meter (ng/m³), assuming a 315 m³ 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-Methylene-phenanthrene (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)	Nitrobenzene-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—Continued.

[The site identification number is 32414117001601. Concentrations are given in nanograms per cubic meter (ng/m³) assuming a 315 m³ 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-diethylamine, 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 32414117001601. 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-diethylaniline, butylate, EPTC, pedullate 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- <i>s</i> -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	139	151	102	92.0	89.9	66.9	102	98.4	95.8	137
1 PUF spike	99.348	78.4	77.2	130	75.8	214	20.9	216	180	79.8	99.4
1 PUF spike	00.222	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)	Ethalflurain (64321)	Ethion (64322)	Ethoprop (64324)	Fonofos (64336)	Lindane (64353)
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 32414117001601. 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-diethylaniline, butylate, EPTC, pedullate 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)	Naprop- amide (64368)	<i>p,p'</i> -DDE (64380)	Parathion (64385)	Pendi- methalin (64418)	<i>cis</i> -Perme- thrin (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)	Pron- amide (82676)	Propachlor (64432)	Propanil (64433)	Propargite (64434)	Simazine (64438)	Tebu- thiuron (64443)	Terbufos (64448)	Thio- bencarb (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—Continued.

[Concentrations are given in nanograms per cubic meter, assuming a 1/m³ 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-ethyl (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-Naphthoquinone (estimated) (64189)	2-(4-tert-Butylphenoxy)-cyclohexanol (64196)	2,5-Dichloroaniline (estimated) (64198)	2-Amino-N-isopropylbenzamide (estimated) (64201)	2-Chloro-2,6-diethylacetanilide (64202)	2-Ethyl-6-methylaniline (estimated) (64204)	3-Trifluoromethylaniline (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-Dichlorobenzophenone (64214)	4-Chloro-2-methylphenol (estimated) (64215)	4-Chlorophenyl methyl sulfone (64216)	Azinphos-methyl oxygen analog (estimated) (64235)	Bifenthrin (64247)	Cyflote (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	Fenthion sulfone oxygen analog (estimated) (64334)	Fonofos oxygen analog (estimated) (64337)	Iprodione (estimated) (64345)	Isofenphos (64348)	Malaoxon (64355)	Metidathion (64359)	Myclobutanil (64365)	Oxyfluorfen (64378)
S2002 parents only spike	NS	NS	79.6	89.6	NS	101	90.4	69.7
S2002 degrades only spike	69.2	41.8	NS	NS	77.0	NS	NS	NS
S2002 spike	66.6	39.2	58.4	72.1	53.7	91.3	70.3	65.0
S2002 spike	44.9	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)	Tebuconazole (64441)
S2002 parents only spike	NS	NS	68.8	87.1	71.2	330	81.2	77.4	78.1
S2002 degrades 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)	Terbutylazine (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 ($\mu\text{g/L}$) 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 naphtha lene (81696)	1,4-Dichloro- benzene (34571)	Bis (2-ethylhexyl) adipate (77903)	Bis (2-ethylhexyl) phthalate (39100)	2-Methylnaph thalene (30194)	2,6-Di- <i>tert</i> -butyl- phenol (62805)	2,6-Di- <i>tert</i> - 1,4-benzo- quinone	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- <i>tert</i> -Butyl-4- hydroxy anisole (BHA) (61702)	4-Cumyl phenol ¹ (62808)	4- <i>n</i> -Octyl phenol (62809)	4- <i>tert</i> - Octylphenol (62810)	5-Methyl-1H- benzotriazole (61944)	Aceto- phenone (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 tetrahydrona- phthalene (62812)	Anthracene (34220)	Anthra- quinone ¹ (62813)	Benzo- phenone (62814)	Benzo(a)- pyrene (34247)	β -Sitosterol ¹ (62815)	β -Stigmasterol (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

¹See 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' (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 (61945)	Cotinine (61945)	Diazinon (39570)	Dichlorvos (30218)	Dieldrin	Diethyl phthalate (34336)	Fluoranthene (34376)	Hexahydrohexa- methylcyclopenta- benzopyran (62823)	Indole (62824)
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)	Isopropyl- benzene (Cumene) (77223)	Isoquinoline (62826)	d-Limonene (62819)	Lindane	Menthol (62827)	Meta- laxyl' ¹ (04254)	Methyl parathion	Methyl salicylate (62828)
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

¹See 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)	Metol- achlor (82612)	<i>M,N</i> -Diethyl- <i>m</i> - toluamide (DEET) (61947)	Naph- thalene (34696)	4-Nonylphenol diethoxylates (NPE02) (61703)	4-Nonylphenol mono- thoxylates (NPE01) (61704)	4-Octyl- phenol diethoxyl- ates (OPE02) (61705)	4-Octyl- phenol mono- ethoxylates (OPE01) (61706)	<i>p</i> -Cresol (77146)	4-Nonylphenol (total)	Pentachloro- phenol (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)	Phenan- threne (34461)	Phenol (34694)	Phthalic anhydride	Prometon (39056)	Pyrene (34469)	Tetrachloro- ethene 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-butoxy- ethyl) phosphate (62830)	Tris(2-chloro- ethyl) phosphate (62831)	Tris(dichloro- isopropyl) phosphate (61707)	4- <i>n</i> -Nonyl- phenol (surrogate) (percent)	BHT-d9 (surrogate) (percent)	Decafluoro- biphenyl (surrogate) (percent)	Caffeine-C13 (surrogate) (percent)	Fluoran- thene-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

¹Compound not analyzed in environmental samples (table 13).