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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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