



Water-Data Report 2011

385636120005701 Lake Tahoe Sample Point At Tahoe Keys Marina, CA

Truckee Basin
Lake Tahoe Subbasin

LOCATION.--Lat 38°56'36", long 120°00'57" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.31, T.13 N., R.18 E., El Dorado County, CA, Hydrologic Unit 16050101.

WATER-QUALITY RECORDS

REMARKS.--Surrogate constituent values (parameters 62835, 99832, 99833 and 99834) are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO OCTOBER 2011**

Part 1 of 3

[m, meters; °C, degrees Celsius; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified]

Date	Sample start time	Medium name	Sample type	Temperature, °C (00010)	Sampling depth, m (00098)	1,2-Dichloro-ethane-d4, surrogate, Schedule 2090, water, unfiltered, percent recovery (99832)	1-Bromo-4-fluoro-benzene, surrogate, VOC schedules, water, unfiltered, percent recovery (99834)	Isobutyl alcohol-d6, surrogate, water, unfiltered, percent recovery (62835)
10-12-2010	1325	Surface water	Regular	--	3.0	103	106	84.7
05-19-2011	1630	Surface water	Regular	9.0	3.0	108	95.9	112
06-03-2011	0600	<i>QC sample - Artificial</i>	<i>Blank</i>	--	--	<i>117</i>	<i>109</i>	<i>126</i>
06-03-2011	1545	Surface water	Regular	8.5	3.0	120	109	114
06-03-2011	1555	<i>QC sample - Surface water</i>	<i>Replicate</i>	8.5	3.0	<i>117</i>	<i>99.3</i>	<i>118</i>
07-05-2011	1540	Surface water	Regular	20.5	3.0	102	93.2	89.6
08-18-2011	0835	Surface water	Regular	20.0	3.0	103	109	94.5
09-06-2011	0835	Surface water	Regular	20.5	3.0	104	116	109
10-12-2011	0855	Surface water	Regular	15.0	3.0	100	105	96.9

385636120005701 Lake Tahoe Sample Point At Tahoe Keys Marina, CA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 3

[m, meters; °C, degrees Celsius; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified]

Date	Sample start time	Toluene-d8, surrogate, Schedule 2090, water, unfiltered, unfiltered, percent recovery; (99833)	Acetone, water, unfiltered, recoverable, µg/L (81552)	Benzene, water, unfiltered, recoverable, µg/L (34030)	Diisopropyl ether, water, unfiltered, recoverable, µg/L (81577)	Ethylbenzene, water, unfiltered, recoverable, µg/L (34371)	Methyl acetate, water, unfiltered, recoverable, µg/L (77032)	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005)	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)
10-12-2010	1325	101	< 1	< .04	< .04	< .03	< .5	< .06	< .04	.02
05-19-2011	1630	101	< 1	< .04	< .04	< .03	< .5	< .06	< .04	< .05
06-03-2011	0600	103	< 1	< .04	< .04	< .03	< .5	< .06	< .04	< .05
06-03-2011	1545	105	M	< .04	< .04	< .03	< .5	< .06	< .04	< .05
06-03-2011	1555	102	M	< .04	< .04	< .03	< .5	< .06	< .04	< .05
07-05-2011	1540	103	< 1	.03	< .04	.01	< .5	< .06	< .04	.05
08-18-2011	0835	102	M	.04	< .04	.01	< .5	< .06	< .04	.07
09-06-2011	0835	107	< 1	.08	< .04	.04	< .5	< .06	< .04	.14
10-12-2011	0855	103	M	< .04	< .04	< .03	< .5	< .06	< .04	< .05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 3

[m, meters; °C, degrees Celsius; µg/L, micrograms per liter; --, no data; <, less than; M, presence verified but not quantified; *, Toluene detected in the blank sample was caused by a local sample preparation contaminant. This result did not affect the field samples.]

Date	Sample start time	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	tert-Amyl alcohol, water, unfiltered, recoverable, µg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, µg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	Toluene, water, unfiltered, recoverable, µg/L (34010)
10-12-2010	1325	< .03	< .6	< .80	< 0.046	.03
05-19-2011	1630	< .03	< .6	< .80	< 0.046	< .02
06-03-2011	0600	< .03	< .6	< .80	< 0.046	*.06
06-03-2011	1545	< .03	< .6	< .80	< 0.046	< .02
06-03-2011	1555	< .03	< .6	< .80	< 0.046	< .02
07-05-2011	1540	.02	< .6	< .80	< 0.046	.06
08-18-2011	0835	.03	< .6	.62	< 0.046	.07
09-06-2011	0835	.05	< .6	< .80	< 0.046	.20
10-12-2011	0855	< .03	< .6	< .80	< 0.046	.01