Table 13. Summary of measured constituents and properties for Lake Fork below Deadmans Gulch near Lake City, station 09123490

[--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; *, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; **, Geometric mean; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, *Escherichia coli,* pH, and water temperature]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Chronic standard or standard	Number of exceedances of chronic standard or standard	Acute standard or standard	Number of exceedances of acute standard or standard	LRL	Level of concern
Instantaneous discharge, in cubic feet per second	2007-2012	35	0	4.2	30.5	642	06/17/08	14.2	241	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2013-2014	7	0	5.6	29.2	181	06/13/13	6.1	156	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2007-2012	35	0	6.2	8.6	11.8	02/06/07	7.2	10.3	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2013-2014	7	0	7.0	9.1	10.5	12/04/13	7.1	10.5	6.0	0	--	--	--	L
pH, in standard units	2007-2012	34	0	6.6	7.9	8.2	08/22/07	7.5	8.1	6.5-9.0	0		--	--	L
pH, in standard units	2013-2014	7	0	7.7	7.9	8.4	11/29/12	7.8	8.4	6.5-9.0	0		--	--	L
Specific conductance, in microsiemens per centimeter	2007-2012	35	0	94.0	170	280	09/20/12	121	202	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2013-2014	7	0	130	192	230	04/01/13	139	229	--	--	.	--	--	--
Temperature, water, degrees Celsius	2007-2012	35	0	0.2	6.5	18.6	08/22/07	2.3	17.3	--	--	--	--	--	--
Temperature, water, degrees Celsius	2013-2014	7	0	-0.1	9.0	18.1	08/22/13	0.0	17.6	--	--	--	--	--	--
Temperature, water, degrees Celsius June-September	2007-2012	14	0	7.3	15.0	18.6	08/22/07	9.3	18.0	17.0	6	--	--	--	H
Temperature, water, degrees Celsius June-September	2013	2	0	15.6	NC	18.1	08/22/13	NC	NC	17.0	1	--	--	--	NC
Temperature, water, degrees Celsius October-May	2007-2012	21	0	0.2	3.3	8.9	10/06/11	0.8	6.8	9.0	0	--	--	--	L
Temperature, water, degrees Celsius October-May	2013-2014	5	0	-0.1	NC	9.6	04/01/13	NC	NC	9.0	1	--	--	--	NC
Turbidity, in nephlometric turbidity ratio-units	2007-2012	35	27	0 *	0 *	6.3	05/28/09	0 *	2.4	--	--	--	--	2.0	--
Turbidity, in nephlometric turbidity ratio-units	2013-2014	7	7	0 *	0 *	0 *	11/29/12	0 *	0 *	--	--	--	--	2.0	--
Calcium, in milligrams per liter	2007-2012	35	0	12.1	23.6	33.9	09/20/12	16.1	27.2	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2013-2014	7	0	18.1	26.2	28.6	02/15/13	19.2	28.4	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2007-2012	35	0	1.6	3.1	5.1	09/20/12	2.0	3.7	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2013-2014	7	0	2.3	3.4	4.2	02/15/13	2.5	4.1	--	--	.	--	0.011	--
Ammonia plus organic nitrogen in milligrams per liter as N	2007-2012	35	13	0 *	0.061	0.225	05/28/09	0 *	0.114	--	--	--	--	0.070	--
Ammonia plus organic nitrogen in milligrams per liter as N	2013-2014	7	2	0 *	0.084	0.134	06/13/13	0 *	0.129	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	2007-2012	35	32	0 *	0 *	0.017	03/21/07	0 *	0 *	2.99	0	8.50	0	0.010	L
Ammonia, in milligrams per liter as N	2013-2014	7	7	0 *	0 *	0 *	11/29/12	0 *	0 *	2.31	0	5.82	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	2007-2012	35	17	0 *	0.008	0.059	05/28/09	0 *	0.032	10.0	0	--	--	0.010	L
Nitrite plus nitrate in milligrams per liter as N	2013-2014	7	4	0 *	0 *	0.033	10/23/13	0 *	0.031	10.0	0	--	--	0.010	L
Nitrite, in milligrams per liter as N	2007-2012	35	29	0 *	0 *	0.002	03/21/07	0 *	0.001	0.05	0	--	--	0.0010	L
Nitrite, in milligrams per liter as N	2013-2014	7	7	0 *	0 *	0 *	11/29/12	0 *	0 *	0.05	0	--	--	0.0010	L
Orthophosphate, in milligrams per liter as P	2007-2012	35	11	0 *	0.004	0.008	03/11/10	0 *	0.006	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2013-2014	7	6	0 *	0 *	0.005	04/01/13	0 *	0.004	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2007-2012	35	1	0 *	0.007	0.023	06/17/08	0.005	0.011	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2013-2014	7	1	0 *	0.007	0.010	06/13/13	0.001	0.009	--	--	--	--	0.0040	--
Escherichia coli, in colonies per 100 milliliters	2007-2012	33	15	1	1	9	08/03/12	--	2 **	126	0	--	--	1	L
Escherichia coli, in colonies per 100 milliliters	2013-2014	7	6	1	1	2	08/22/13	--	1 **	126	0	--	--	1	L
Biomass periphyton, ashfree drymass, in grams per square meter	2007-2012	6	2	0 *	4.40	31.6	09/20/12	0 *	30.3	--	--	--	--	0.10	--
Biomass periphyton, ashfree drymass, in grams per square meter	2013	1	0	13.4	NC	13.4	08/22/13	NC	NC	--	--	--	--	0.10	--

Table 13. Summary of measured constituents and properties for Lake Fork below Deadmans Gulch near Lake City, station 09123490

[--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; *, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; **, Geometric mean; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, *Escherichia coli,* pH, and water temperature]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Chronic standard or standard	Number of exceedances of chronic standard or standard	Acute standard or standard	Number of exceedances of acute standard or standard	LRL	Level of concern
Periphyton, biomass, ash weight, in grams per square meter	2007-2012	6	0	103	286	426	08/17/09	105	425	--	--	--	--	0.10	--
Periphyton, biomass, ash weight, in grams per square meter	2013	1	0	437	NC	437	08/22/13	NC	NC	--	--	--	--	0.10	--
Periphyton, biomass, dry weight, in grams per square meter	2007-2012	6	0	106	305	434	08/17/09	109	433	--	--	--	--	0.10	--
Periphyton, biomass, dry weight, in grams per square meter	2013	1	0	451	NC	451	08/22/13	NC	NC	--	--	--	--	0.10	--
Chlorphyll a, periphyton, chromofluoro, in milligrams per square meter	2007-2012	6	1	0 *	9.42	100	09/20/12	0.324	96.0	--	--	--	--	0.10	--
Chlorphyll a, periphyton, chromofluoro, in milligrams per square meter	2013	1	0	38.9	NC	38.9	08/22/13	NC	NC	--	--	--	--	0.10	--
Pheophytin a, periphyton, in milligrams per square meter	2007-2012	6	1	0 *	4.06	37.0	09/20/12	0.114	35.4	--	--	--	--	0.10	--
Pheophytin a, periphyton, in milligrams per square meter	2013	1	0	14.6	NC	14.6	08/22/13	NC	NC	--	--	--	--	0.10	--
Aluminum, in micrograms per liter	2007-2012	35	0	13.5	30.0	88.2	07/23/09	17.8	59.2	--	--	.	--	2.2	--
Aluminum, in micrograms per liter	2013-2014	7	0	11.4	23.5	67.1	08/22/13	12.3	65.8	--	--	.	--	2.2	--
Aluminum (total), in micrograms per liter	2011-2012	10	0	36.4	80.9	280	06/30/11	45.9	208	330	0	2,311	0	3.8	L
Aluminum (total), in micrograms per liter	2013-2014	7	0	32.6	60.9	135	06/13/13	33.5	126	330	0	2,311	0	3.8	L
Cadmium, in micrograms per liter	2007-2012	35	19	0 *	0 *	0.030	05/22/07	0 *	0.022	0.34	0	1.3	0	0.016	L
Cadmium, in micrograms per liter	2013-2014	7	7	0 *	0 *	0 *	11/29/12	0 *	0 *	0.34	0	1.3	0	0.030	L
Copper, in micrograms per liter	2007-2012	35	18	0 *	0 *	3.4	02/06/07	0 *	1.2	7.0	0	10.3	0	0.80	L
Copper, in micrograms per liter	2013-2014	7	7	0 *	0 *	0 *	11/29/12	0 *	0 *	7.0	0	10.3	0	0.80	L
Iron, in micrograms per liter	2007-2012	35	1	0 *	16.7	37.3	05/28/09	8.7	25.4	300	0	.	--	3.2	L
Iron, in micrograms per liter	2013-2014	7	0	4.1	12.5	16.1	06/13/13	4.3	15.6	300	0	.	--	4.0	L
Lead, in micrograms per liter	2007-2012	35	22	0 *	0 *	0.13	02/06/07	0 *	0.056	1.8	0	47.2	0	0.025	L
Lead, in micrograms per liter	2013-2014	7	5	0 *	0 *	0.052	02/15/13	0 *	0.049	1.8	0	47.2	0	0.040	L
Manganese, in micrograms per liter	2007-2012	35	0	17.6	40.6	151	05/22/07	26.5	75.9	1,500	0	2,714	0	0.13	L
Manganese, in micrograms per liter	2013-2014	7	0	22.0	48.4	71.4	06/13/13	25.4	67.4	1,500	0	2,714	0	0.40	L
Silver, in micrograms per liter	2007-2012	35	34	0 *	0 *	0.027	07/23/09	0 *	0 *	0.046	0	1.2	0	0.0050	L
Silver, in micrograms per liter	2013-2014	7	6	0 *	0 *	0.007	08/22/13	0 *	0.005	0.046	0	1.2	0	0.020	L
Zinc, in micrograms per liter	2007-2012	35	11	0 *	1.6	6.8	02/06/07	0 *	2.8	93.4	0	123	0	1.4	L
Zinc, in micrograms per liter	2013-2014	7	6	0 *	0 *	3.2	02/15/13	0 *	2.6	93.4	0	123	0	2.0	L
Suspended sediment, in milligrams per liter	2007-2012	32	2	0 *	1	11	06/17/08	1	3	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2013-2014	6	1	0 *	1	3	06/13/13	0	3	--	--	--	--	1.0	--