Table 3. Summary of measured constituents and properties for North Fork Gunnison River above mouth near Lazear, CO, station 09136100

[--, 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; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, 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	1996-2012	66	0	38.0	196	4,010	06/02/11	123	1,184	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2013-2014	9	0	85.0	153	1,520	06/11/14	100	1,360	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2009-2012	22	0	8.4	9.7	14.5	12/07/11	8.8	12.4	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2013-2014	9	0	8.2	9.9	12.5	12/09/13	8.6	12.3	6.0	0	--	--	--	L
pH, in standard units	1996-2012	66	0	7.5	8.3	8.7	06/29/99	8.1	8.4	6.5-9.0	0		--	--	L
pH, in standard units	2013-2014	9	0	7.7	8.3	8.4	11/16/12	7.9	8.4	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1996-2001	38	0	7.8	8.0	8.3	06/29/99	7.9	8.2	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1996-2010	39	0	210	1,069	1,590	08/20/96	428	1,380	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	1996-2012	66	0	186	1,093	1,630	08/20/96	388	1,395	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2013-2014	9	0	285	1,108	1,348	08/11/14	315	1,347	--	--	.	--	--	--
Temperature, water, degrees Celsius	1996-2012	66	0	0.0	9.0	23.0	08/10/10	2.8	18.6	--	--	--	--	--	--
Temperature, water, degrees Celsius	2013-2014	9	0	0.0	9.9	22.8	07/16/13	1.6	20.6	--	--	--	--	--	--
Temperature, water, degrees Celsius April-October	1996-2012	42	0	6.6	12.1	23.0	08/10/10	8.1	19.5	23.9	0	--	--	--	L
Temperature, water, degrees Celsius April-October	2013-2014	5	0	9.9	NC	22.8	07/16/13	NC	NC	23.9	0	--	--	--	NC
Temperature, water, degrees Celsius November-March	1996-2012	24	0	0.0	3.1	9.5	11/09/99	1.1	7.8	13.0	0	--	--	--	L
Temperature, water, degrees Celsius November-March	2013-2014	4	0	0.0	NC	5.4	11/16/12	NC	NC	13.0	0	--	--	--	NC
Turbidity, in nephlometric turbidity ratio-units	2012	2	0	11.2	NC	13.0	05/22/12	NC	NC	--	--	--	--	2.0	--
Turbidity, in nephlometric turbidity ratio-units	2013-2014	9	0	6.3	25.6	138.0	03/05/14	9.9	89.4	--	--	--	--	2.0	--
Calcium, in milligrams per liter	1996-2012	61	0	20.6	105	190	08/20/96	35.9	155	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2013-2014	9	0	29.6	112	167	08/11/14	33.3	162	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1996-2012	61	0	5.5	53.3	79.0	08/20/96	12.9	70.7	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2013-2014	9	0	10.4	54.8	68.8	08/11/14	11.8	66.9	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1996-2012	61	0	1.0	4.9	8.1	08/20/96	1.4	6.9	--	--	.	--	0.030	--
Potassium, in milligrams per liter	2013-2014	9	0	1.2	4.8	6.2	07/16/13	1.2	6.2	--	--	.	--	0.030	--
Sodium, in milligrams per liter	1996-2012	61	0	7.2	58.9	80.4	07/07/00	15.5	73.1	--	--	.	--	0.060	--
Sodium, in milligrams per liter	2013-2014	9	0	11.7	63.2	68.5	11/16/12	12.3	67.0	--	--	.	--	0.060	--
Acid neutralizing capacity, in milligrams per liter	1996-1999	15	0	117	222	254	09/16/96	132	241	--	--	.	--	--	--
Alkalinity, in milligrams per liter	1999-2011	24	0	56.5	203	257	07/20/99	80.8	252	--	--	.	--	4.0	--
Alkalinity, inflection-point titration, in milligrams per liter	2009-2012	23	0	59.2	234	292	09/25/12	60.7	265	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2013-2014	9	0	58.8	223	264	07/16/13	66.0	262	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2009-2012	23	0	71.9	280	348	09/25/12	73.2	319	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2013-2014	9	0	70.9	267	312	07/16/13	79.9	310	--	--	.	--	--	--
Carbonate, in milligrams per liter	2009-2012	23	0	0.10	2.1	10.9	07/29/09	0.40	4.1	--	--	.	--	--	--
Carbonate, in milligrams per liter	2013-2014	9	0	0.20	2.5	5.0	11/16/12	0.30	4.9	--	--	.	--	--	--
Chloride, in milligrams per liter	1996-2012	62	1	0 *	8.9	14.9	03/03/10	2.0	10.4	250	0	.	--	0.060	L
Chloride, in milligrams per liter	2013-2014	9	0	1.7	7.9	13.5	02/14/13	1.8	12.3	250	0	.	--	0.020	L

Table 3. Summary of measured constituents and properties for North Fork Gunnison River above mouth near Lazear, CO, station 09136100

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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
Fluoride in milligrams per liter	1996-2012	61	0	0.068	0.44	0.62	10/06/11	0.15	0.58	2.0	0	.	--	0.040	L
Fluoride in milligrams per liter	2013-2014	9	0	0.12	0.42	0.59	08/11/14	0.14	0.57	2.0	0	.	--	0.010	L
Silica, in milligrams per liter	1996-2012	61	0	9.1	18.0	25.9	12/04/09	10.5	21.6	--	--	.	--	0.018	--
Silica, in milligrams per liter	2013-2014	9	0	9.6	16.2	19.6	08/11/14	10.2	19.2	--	--	.	--	0.018	--
Sulfate, in milligrams per liter	1996-2012	61	0	29.3	364	650	08/20/96	79.4	534	250	39	.	--	0.090	H
Sulfate, in milligrams per liter	2013-2014	9	0	75.5	376	513	08/11/14	85.6	498	250	6	.	--	0.020	H
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2012	2	0	0.310	NC	0.362	08/21/12	NC	NC	--	--	--	--	0.070	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2013-2014	9	0	0.264	0.367	0.649	03/05/14	0.300	0.536	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	2012	2	2	0 *	NC	0 *	05/22/12	NC	NC	1.36	0	3.04	0	0.010	NC
Ammonia, in milligrams per liter as N	2013-2014	9	6	0 *	0 *	0.035	02/14/13	0 *	0.024	1.69	0	4.03	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	2012	2	0	0.017	NC	0.029	08/21/12	NC	NC	10.0	0	--	--	0.010	NC
Nitrite plus nitrate in milligrams per liter as N	2013-2014	9	2	0 *	0.094	0.238	02/14/13	0 *	0.230	10.0	0	--	--	0.010	L
Nitrite, in milligrams per liter as N	2012	2	1	0 *	NC	0.002	08/21/12	NC	NC	0.05	0	--	--	0.0010	NC
Nitrite, in milligrams per liter as N	2013-2014	9	3	0 *	0.002	0.004	10/23/12	0 *	0.003	0.05	0	--	--	0.0010	L
Orthophosphate, in milligrams per liter as P	2012	2	0	0.006	NC	0.006	05/22/12	NC	NC	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2013-2014	9	1	0 *	0.007	0.011	06/11/14	0.003	0.010	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2012	2	0	0.021	NC	0.058	05/22/12	NC	NC	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2013-2014	9	0	0.023	0.047	0.245	03/05/14	0.027	0.179	--	--	--	--	0.0040	--
Cadmium (total), in micrograms per liter	1999	1	1	0 *	NC	0 *	04/30/99	NC	NC	--	--	.	--	--	--
Chromium (total), in micrograms per liter	1999	1	0	1.2	NC	1.2	04/30/99	NC	NC	--	--	.	--	--	--
Copper, unfiltered, in micrograms per liter	1999	1	0	11.2	NC	11.2	04/30/99	NC	NC	--	--	.	--	--	--
Iron, unfiltered, in micrograms per liter	1999	1	0	10,429	NC	10,429	04/30/99	NC	NC	1,000	1	.	--	--	NC
Lead, unfiltered, in micrograms per liter	1999	1	0	7.4	NC	7.4	04/30/99	NC	NC	--	--	.	--	--	--
Manganese, unfiltered, in micrograms per liter	1999	1	0	497	NC	497	04/30/99	NC	NC	--	--	.	--	--	--
Nickel, unfiltered, in micrograms per liter	1999	1	0	8.8	NC	8.8	04/30/99	NC	NC	--	--	.	--	--	--
Zinc, unfiltered, in micrograms per liter	1999	1	0	139	NC	139	04/30/99	NC	NC	--	--	.	--	--	--
Arsenic (total), in micrograms per liter	1999	1	0	3.4	NC	3.4	04/30/99	NC	NC	0.020	1	.	--	--	NC
Selenium, in micrograms per liter	1996-2012	66	4	0 *	2.7	6.0	11/12/96	0.63	3.9	4.6	4	18.4	0	0.030	M
Selenium, in micrograms per liter	2013-2014	9	0	0.73	2.9	3.3	11/16/12	0.81	3.2	4.6	0	18.4	0	0.050	M
Selenium (total), in micrograms per liter	1996-2012	8	2	0 *	1.7	4.0	02/22/96	0 *	3.8	--	--	.	--	0.050	--
Suspended sediment, in milligrams per liter	1999-2012	4	0	32	NC	703	04/30/99	NC	NC	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2013-2014	9	0	18	49	244	03/05/14	20	171	--	--	--	--	1.0	--