

Table 2. Summary of measured constituents and properties for Arkansas River at Granite, Co. (ARKGRNCO), station 07086000

[--, 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	1990-2017	152	0	58.0	244	2,960	06/03/14	121	951	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	8	0	80.0	390	1,150	05/15/18	96.1	1,012	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1990-2002	27	0	6.8	7.8	10.5	01/12/93	6.8	9.7	6.0	0	--	--	--	L
pH, in standard units	1990-2002	28	0	7.4	8.1	8.6	10/30/90	7.7	8.5	6.5-9.0	0	--	--	--	L
pH, laboratory, in standard units	1990-2002	29	0	7.5	7.9	8.4	10/22/91	7.7	8.1	6.5-9.0	0	--	--	0.10	L
Specific conductance, laboratory, in microsiemens per centimeter	1990-2002	29	0	73.0	109	192	10/30/90	82.0	174	--	--	.	--	2.6	--
Specific conductance, in microsiemens per centimeter	1990-2017	237	0	66.0	110	236	04/06/10	88.0	173	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	8	0	85.0	122	216	02/08/18	85.7	211	--	--	.	--	--	--
Temperature, water, degrees Celsius	1990-2017	159	0	0.0	8.0	21.5	07/19/02	2.0	14.0	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	8	0	0.5	7.6	17.7	08/08/18	1.4	16.9	--	--	--	--	--	--
Temperature, water, degrees Celsius April-October	1990-2017	104	0	0.8	11.7	21.5	07/19/02	6.0	15.4	23.9	0	--	--	--	L
Temperature, water, degrees Celsius April-October	2018-2019	6	0	3.5	9.0	17.7	08/08/18	3.7	17.6	23.9	0	--	--	--	L
Temperature, water, degrees Celsius November-March	1991-2017	55	0	0.0	2.5	7.9	11/01/05	0.2	4.1	13.0	0	--	--	--	L
Temperature, water, degrees Celsius November-March	2018-2019	2	0	0.5	NC	3.2	02/27/19	NC	NC	13.0	0	--	--	--	NC
Dissolved solids dried at 180 degrees C, in milligrams per liter	1990-2017	83	0	33.0	74.6	156	03/02/10	55.6	111	--	--	.	--	20.0	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2018-2019	8	0	56.4	73.6	126	02/08/18	58.0	121	--	--	.	--	20.0	--
Dissolved solids, sum of constituents, in milligrams per liter	1991	1	0	80.8	NC	80.8	08/13/91	NC	NC	--	--	.	--	--	--
Hardness, in milligrams per liter	1990-2002	29	0	32.7	45.7	86.7	10/30/90	34.1	76.5	--	--	.	--	--	--
Calcium, in milligrams per liter	1990-2002	29	0	8.0	12.6	22.0	10/30/90	9.6	19.5	--	--	.	--	0.012	--
Magnesium, in milligrams per liter	1990-2002	29	0	2.3	3.5	7.9	04/18/90	2.6	6.6	--	--	.	--	0.0080	--
Potassium, in milligrams per liter	1991-2002	4	0	0.60	NC	0.80	08/13/91	NC	NC	--	--	.	--	0.11	--
Sodium, in milligrams per liter	1990-2002	29	0	0.90	2.2	4.5	10/30/90	1.6	3.9	--	--	.	--	0.090	--
Acid neutralizing capacity, in milligrams per liter	1990-2002	29	0	23.0	33.8	64.0	10/30/90	24.5	49.0	--	--	.	--	1.0	--
Chloride, in milligrams per liter	1990-1993	26	3	0 *	1.2	3.3	10/30/90	0.22	2.2	250	0	.	--	--	L
Fluoride, in milligrams per liter	1991-2002	12	0	0.10	0.10	0.30	10/22/91	0.10	0.20	--	--	.	--	0.11	--
Sulfate, in milligrams per liter	1990-2002	29	0	9.2	17.0	34.0	04/18/90	13.0	29.5	250	0	.	--	0.11	L
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter	2002	2	0	0.129	NC	0.132	07/19/02	NC	NC	--	--	--	--	0.10	--
Ammonia nitrogen, in milligrams per liter	1993-2002	4	3	0 *	NC	0.009	01/12/93	NC	NC	2.13	0	6.56	0	0.041	NC
Ammonia, unfiltered, in milligrams per liter	1990-1993	24	3	0 *	0.012	0.070	12/19/90	0.002	0.024	--	--	--	--	--	--
Nitrite plus nitrate, in milligrams per liter	1993-2002	4	2	0 *	NC	0.075	01/12/93	NC	NC	--	--	10.0	0	0.047	--
Nitrate plus nitrite, unfiltered, in milligrams per liter	1990-1993	24	1	0 *	0.018	0.100	12/19/90	0.010	0.045	--	--	--	--	--	--
Nitrate, in milligrams per liter	2002	2	2	0 *	NC	0 *	07/19/02	NC	NC	--	--	10.0	0	--	--
Nitrite nitrogen, in milligrams per liter	2002	2	2	0 *	NC	0 *	07/19/02	NC	NC	--	--	0.05	0	0.0080	--
Nitrite, unfiltered, in milligrams per liter	1991	2	2	0 *	NC	0 *	10/30/90	NC	NC	--	--	--	--	--	--
Orthophosphate, in milligrams per liter	2002	2	2	0 *	NC	0 *	07/19/02	NC	NC	--	--	--	--	0.018	--
Orthophosphate, unfiltered, in milligrams per liter	1991	2	2	0 *	NC	0 *	10/30/90	NC	NC	--	--	--	--	--	--

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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
Phosphorus, unfiltered, in milligrams per liter	2002	2	0	0.007	NC	0.009	07/19/02	NC	NC	--	--	--	--	0.0037	--
<i>Escherichia coli</i> , in colonies per 100 milliliters	2002	2	0	2	NC	4	07/19/02	--	NC**	126	0	--	--	1	NC
Fecal coliform, M-FC MF, in colonies per 100 milliliters	2002	2	1	0 *	NC	2	08/26/02	NC	NC	--	--	--	--	--	--
Aluminum, in micrograms per liter	2002	2	0	16.5	NC	18.4	07/19/02	NC	NC	--	--	.	--	15.0	--
Aluminum, unfiltered, in micrograms per liter	2002	2	0	38.7	NC	48.1	08/26/02	NC	NC	--	--	.	--	28.0	--
Cadmium, in micrograms per liter	1990-2002	29	2	0 *	0.30	2.0	04/18/90	0.097	0.60	0.40	11	0.87	1	0.12	H
Cadmium, unfiltered, in micrograms per liter	1990-2002	29	19	0 *	0 *	4.0	04/18/90	0 *	2.0	--	--	.	--	0.12	--
Copper, in micrograms per liter	1990-2002	28	1	0 *	2.0	7.0	06/24/92	1.4	4.6	4.6	4	6.5	1	1.3	H
Copper, unfiltered, in micrograms per liter	1990-2002	27	1	0 *	5.0	75.0	06/24/92	2.0	11.4	--	--	.	--	1.2	--
Iron, in micrograms per liter	1990-2002	30	0	21.0	51.3	570	04/18/90	29.9	104	300	2	.	--	10.0	L
Iron, unfiltered, in micrograms per liter	1990-2002	30	0	106	255	3,300	06/05/90	121	863	1,000	3	.	--	12.0	L
Lead, in micrograms per liter	1990-2002	29	17	0 *	0 *	14.0	06/05/90	0 *	1.2	1.1	4	27.7	0	1.0	H
Lead, unfiltered, in micrograms per liter	1990-2002	29	1	0 *	7.0	72.0	06/05/90	2.5	19.5	--	--	.	--	1.0	--
Manganese, in micrograms per liter	1990-2002	29	0	9.5	23.0	500	04/18/90	14.5	75.0	50.0	7	.	--	1.6	H
Manganese, unfiltered, in micrograms per liter	1990-2002	29	0	20.4	60.0	640	04/18/90	30.0	165	--	--	.	--	2.4	--
Silver, in micrograms per liter	2002	2	1	0 *	NC	0.11	07/19/02	NC	NC	0.020	1	0.54	0	0.12	NC
Silver, unfiltered, in micrograms per liter	2002	2	2	0 *	NC	0 *	07/19/02	NC	NC	--	--	.	--	0.27	--
Zinc, in micrograms per liter	1990-2002	30	2	0 *	60.0	620	04/18/90	25.3	134	60.2	14	79.5	11	24.0	H
Zinc, unfiltered, in micrograms per liter	1990-2002	29	0	17.5	100	940	04/18/90	45.0	210	--	--	.	--	25.0	--
Arsenic, in micrograms per liter	2002	2	2	0 *	NC	0 *	07/19/02	NC	NC	--	--	340	0	1.8	--
Arsenic, unfiltered in micrograms per liter	2002	2	2	0 *	NC	0 *	07/19/02	NC	NC	0.020	0	.	--	1.9	NC
Boron, in micrograms per liter	2002	2	1	0 *	NC	8.3	07/19/02	NC	NC	0.75	1	.	--	13.0	NC