Table 52. Summary of measured constituents and properties for Williams Creek at mouth near Wigwam, Co., station 383347104373401
[--, 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; **, 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	2003-2010	23	0	0.16	0.42	1.5	07/16/07	0.22	0.90	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2011-2012	4	0	0.60	0.65	1.5	07/19/12	0.60	1.5	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2003-2010	23	0	3.4	7.9	11.5	05/25/05	5.9	9.5	5.0	2	--	--	--	L
Dissolved oxygen, in milligrams per liter	2011-2012	4	0	4.8	7.5	10.7	10/31/11	4.8	10.7	5.0	1	--	--	--	H
pH, in standard units	2003-2010	23	0	7.8	8.0	8.3	05/24/04	7.8	8.1	6.5-9.0	0		--	--	L
pH, in standard units	2011-2012	4	0	7.8	8.0	8.0	10/15/10	7.8	8.0	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	2008-2010	4	0	1,723	1,892	2,010	10/16/08	1,723	2,010	--	--	.	--	1.0	--
Specific conductance, laboratory, in microsiemens per centimeter	2011	1	0	1,645	1,645	1,645	10/15/10	1,645	1,645	--	--	.	--	1.0	--
Specific conductance, in microsiemens per centimeter	2003-2010	23	0	1,350	1,900	2,208	05/11/09	1,570	1,964	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2011-2012	4	0	1,380	1,712	1,827	10/31/11	1,380	1,827	--	--	.	--	--	--
Temperature, degrees Celsius	2003-2010	23	0	7.5	16.1	28.0	07/21/03	10.0	21.0	30.0	--	--	--	--	L
Temperature, degrees Celsius	2011-2012	4	0	6.2	8.7	21.6	07/19/12	6.2	21.6	30.0	--	--	--	--	L
Hardness, in milligrams per liter	2004	1	0	670	670	670	10/14/03	670	670	--	--	.	--	--	--
Calcium, in milligrams per liter	2004	1	0	172	172	172	10/14/03	172	172	--	--	.	--	0.010	--
Magnesium, in milligrams per liter	2004	1	0	58.3	58.3	58.3	10/14/03	58.3	58.3	--	--	.	--	0.0080	--
Fluoride, in milligrams per liter	2004	1	0	2.9	2.9	2.9	10/14/03	2.9	2.9	--	--	.	--	0.17	--
Sulfate, in milligrams per liter	2004	1	0	613	613	613	10/14/03	613	613	--	--	.	--	0.90	--
Ammonia nitrogen, in milligrams per liter	2003-2010	23	1	0 *	0.052	0.196	05/01/03	0.031	0.093	2.28	0	8.69	0	0.020	L
Ammonia nitrogen, in milligrams per liter	2011-2012	4	0	0.014	0.025	0.056	05/18/11	0.014	0.056	3.23	0	9.77	0	0.010	L
Nitrite plus nitrate, in milligrams per liter	2003-2010	23	1	0 *	0.174	1.98	05/24/04	0.057	0.755	100	0	--	--	0.040	L
Nitrite plus nitrate, in milligrams per liter	2011-2012	4	0	0.169	0.317	0.417	10/15/10	0.169	0.417	100	0	--	--	0.040	L
Total nitrogen, unfiltered, in milligrams per liter	2011-2012	4	0	0.678	0.717	1.58	07/19/12	0.678	1.58	--	--	--	--	0.050	--
Orthophosphate, in milligrams per liter	2003-2010	23	0	0.009	0.032	0.294	07/19/04	0.017	0.127	--	--	--	--	0.0080	--
Orthophosphate, in milligrams per liter	2011-2012	4	0	0.017	0.039	0.198	07/19/12	0.017	0.198	--	--	--	--	0.0040	--
Phosphorus, unfiltered, in milligrams per liter	2003-2010	23	0	0.038	0.083	0.488	07/21/03	0.053	0.203	--	--	--	--	0.040	--
Phosphorus, unfiltered, in milligrams per liter	2011-2012	4	0	0.031	0.084	0.289	07/19/12	0.031	0.289	--	--	--	--	0.020	--
Escherichia coli, Defined Substrate Technology, in colonies per 100 milliliters	2008-2010	7	0	22	110	260	10/05/09	--	86 **	126	3	--	--	1	L
Escherichia coli, Defined Substrate Technology, in colonies per 100 milliliters	2011-2012	4	0	33	77	330	07/19/12	--	81 **	126	1	--	--	1	L
Escherichia coli, in colonies per 100 milliliters	2003-2008	15	0	23	200	410	07/19/04	--	157 **	126	10	--	--	1	H
Escherichia coli, m-TEC, MF, in colonies per 100 milliliters	2003	1	0	4	4	4	05/01/03	--	4 **	126	0	--	--	1	L
Fecal coliform, M-FC MF, in colonies per 100 milliliters	2003-2008	16	0	14	170	320	05/25/05	55	234	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2008-2010	7	0	520	2,400	11,000	07/17/08	896	9,280	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2011-2012	4	0	250	1,525	2,400	10/15/10	250	2,400	--	--	--	--	--	--
Arsenic, unfiltered in micrograms per liter	2004	1	0	1.1	1.1	1.1	10/14/03	1.1	1.1	100	0	.	--	1.9	L

Table 52. Summary of measured constituents and properties for Williams Creek at mouth near Wigwam, Co., station 383347104373401
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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
Boron, in micrograms per liter	2004	1	0	361	361	361	10/14/03	361	361	750	0	.	--	8.0	L
Boron, unfiltered, in micrograms per liter	2004	1	0	356	356	356	10/14/03	356	356	750	0	.	--	8.0	L
Copper, in micrograms per liter	2004	1	0	1.9	1.9	1.9	10/14/03	1.9	1.9	200	0	.	--	0.40	L
Copper, unfiltered, in micrograms per liter	2004	1	0	5.5	5.5	5.5	10/14/03	5.5	5.5	200	0	.	--	0.60	L
Lead, unfiltered, in micrograms per liter	2004	1	0	0.20	0.20	0.20	10/14/03	0.20	0.20	100	0	.	--	0.060	L
Manganese, in micrograms per liter	2004	1	0	270	270	270	10/14/03	270	270	2,618	0	4,738	0	0.20	L
Manganese, unfiltered, in micrograms per liter	2004	1	0	284	284	284	10/14/03	284	284	--	--	.	--	1.2	--
Nickel, unfiltered, in micrograms per liter	2004	1	0	7.1	7.1	7.1	10/14/03	7.1	7.1	200	0	.	--	0.16	L
Selenium, in micrograms per liter	2004	1	0	4.2	4.2	4.2	10/14/03	4.2	4.2	20.0	0	.	--	0.40	L
Selenium, unfiltered, in micrograms per liter	2004	1	0	5.0	5.0	5.0	10/14/03	5.0	5.0	20.0	0	.	--	0.40	L
Zinc, in micrograms per liter	2004	1	0	1.1	1.1	1.1	10/14/03	1.1	1.1	2,000	0	.	--	0.60	L
Zinc, unfiltered, in micrograms per liter	2004	1	0	2.6	2.6	2.6	10/14/03	2.6	2.6	2,000	0	.	--	2.0	L
Suspended sediment, in milligrams per liter	2003-2010	22	0	3	20	308	10/05/09	7	45	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2011-2012	4	0	8	17	79	10/31/11	8	79	--	--	--	--	1.0	--