

Table 37. Summary of measured constituents and properties for Sutherland Ditch at mouth near Pinon, Co., station 382625104353701

[--, 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	2003-2017	43	0	2.3	10.8	16.3	07/28/10	5.5	14.4	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	2	0	15.5	NC	16.4	05/13/19	NC	NC	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2003-2017	43	0	4.4	8.1	12.6	04/29/03	6.8	10.7	5.0	1	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	2	0	7.9	NC	7.9	05/13/19	NC	NC	5.0	0	--	--	--	NC
pH, in standard units	2003-2017	43	0	7.4	8.0	8.5	02/11/03	7.7	8.3	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	2	0	7.9	NC	8.0	05/13/19	NC	NC	6.5-9.0	0	--	--	--	NC
Specific conductance, laboratory, in microsiemens per centimeter	2007-2011	7	0	942	1,029	1,137	07/17/08	945	1,129	--	--	.	--	1.0	--
Specific conductance, in microsiemens per centimeter	2003-2017	43	0	798	1,070	1,206	07/23/03	981	1,162	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	2	0	1,028	NC	1,033	05/13/19	NC	NC	--	--	.	--	--	--
Temperature, water, degrees Celsius	2003-2017	43	0	6.0	15.2	20.5	07/22/04	7.6	18.0	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	2	0	12.1	NC	13.3	05/09/18	NC	NC	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	2003-2017	35	0	10.5	16.0	20.5	07/22/04	12.5	18.0	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	2	0	12.1	NC	13.3	05/09/18	NC	NC	28.6	0	--	--	--	NC
Temperature, water, degrees Celsius December-February	2003-2012	8	0	6.0	7.1	10.0	02/11/03	6.4	9.2	14.3	0	--	--	--	L
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2011-2017	3	0	0.20	NC	2.3	05/04/17	NC	NC	--	--	.	--	--	--
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2018	1	0	1.2	NC	1.2	05/09/18	NC	NC	--	--	.	--	--	--
Biochemical oxygen demand, unfiltered, 5 days at 20 degrees Celsius, in milligrams per liter	2004-2008	13	4	0 *	3.6	22.2	02/16/06	0 *	4.7	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2015	1	0	75.0	NC	75.0	05/15/15	NC	NC	--	--	.	--	--	--
Fluoride, in milligrams per liter	2003-2013	38	0	1.5	1.9	2.2	07/21/05	1.7	2.1	--	--	.	--	0.040	--
Sulfate, in milligrams per liter	2003-2013	38	0	193	261	314	02/11/03	239	294	250	24	.	--	0.090	H
Ammonia nitrogen, in milligrams per liter	2003-2013	38	15	0 *	0.012	0.046	07/23/03	0 *	0.025	2.17	0	5.92	0	0.010	L
Ammonia, unfiltered, in milligrams per liter	2013-2017	5	4	0 *	NC	0.022	05/15/13	NC	NC	--	--	--	--	0.020	--
Ammonia, unfiltered, in milligrams per liter	2018-2019	2	1	0 *	NC	0.025	05/09/18	NC	NC	--	--	--	--	0.020	--
Nitrite plus nitrate, in milligrams per liter	2003-2013	38	0	0.583	1.88	3.68	02/25/09	1.18	2.79	--	--	10.0	0	0.040	--
Orthophosphate, in milligrams per liter	2003-2013	38	0	0.046	0.202	0.351	02/24/10	0.094	0.287	--	--	--	--	0.0040	--
Phosphorus, unfiltered, in milligrams per liter	2003-2017	43	0	0.056	0.220	0.348	02/24/10	0.120	0.301	--	--	--	--	0.0040	--
Phosphorus, unfiltered, in milligrams per liter	2018-2019	2	0	0.220	NC	0.243	05/09/18	NC	NC	--	--	--	--	0.0040	--
Total nitrogen, unfiltered, in milligrams per liter	2011-2017	14	0	1.89	2.59	3.99	05/04/17	1.95	3.65	--	--	--	--	0.050	--
Total nitrogen, unfiltered, in milligrams per liter	2018-2019	2	0	3.81	NC	3.98	05/09/18	NC	NC	--	--	--	--	0.050	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2008-2013	18	2	1	29	260	07/17/08	--	17 **	126	1	--	--	1	L
<i>Escherichia coli</i> , in colonies per 100 milliliters	2003-2008	20	0	1	31	270	07/21/05	--	21 **	126	3	--	--	1	L
Fecal coliform, M-FC MF, in colonies per 100 milliliters	2003-2008	20	0	1	31	290	07/21/05	2	152	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2008-2013	18	0	28	805	9,200	07/27/09	53	2,400	--	--	--	--	--	--
Manganese, in micrograms per liter	2003-2013	38	0	0.51	2.7	35.6	07/22/04	0.84	13.0	50.0	0	.	--	0.15	L

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Manganese, unfiltered, in micrograms per liter	2003-2013	37	0	0.59	5.9	46.9	07/22/04	1.8	19.8	--	--	.	--	0.40	--
Selenium, in micrograms per liter	2003-2013	38	0	2.9	4.7	7.2	02/11/03	3.9	5.9	4.6	20	18.4	0	0.030	H
Selenium, unfiltered, in micrograms per liter	2003-2013	37	0	2.7	4.2	6.4	02/16/05	3.3	5.5	--	--	.	--	0.050	--
Suspended sediment, in milligrams per liter	2003-2012	37	0	1	4	39	02/15/07	2	10	--	--	--	--	1.0	--