

Table 7. Summary of measured constituents and properties for Hansen Canal below Flatiron Reservoir, station 402227105134700
[--, 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]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Standard or Chronic standard	Number of exceedences Chronic	Acute standard	Number of exceedences Acute	LRL	Level of concern
Instantaneous discharge, in cubic feet per second	2000-2008	106	0	10.7	208	741	09/13/01	66.5	494	--	--	--	--	--	--
Instantaneous discharge, in cubic feet per second	2009-2010	20	0	1.12	230	604	09/15/10	47.6	495	--	--	--	--	--	--
Turbidity, in NTRU	2005-2008	47	18	0 *	1.9	5.2	05/26/05	0 *	3.0	--	--	--	--	2	--
Turbidity, in NTRU	2009-2010	20	6	0 *	2.0	13.5	06/08/10	0 *	3.2	--	--	--	--	--	--
Dissolved oxygen, in milligrams per liter	2000-2008	101	0	7.2	9.8	14.1	01/08/01	8.0	11.5	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2009-2010	20	0	8.0	9.8	11.7	01/07/09	8.0	11.2	6.0	0	--	--	--	L
pH, in standard units	2000-2008	104	0	6.9	7.7	8.7	09/16/04	7.5	8.3	6.5	0	9.0	--	--	L
pH, in standard units	2009-2010	20	0	7.1	7.7	8.1	01/07/09	7.4	7.9	6.5	0	9.0	--	--	L
Specific conductance, in uS/cm	2000-2008	106	0	20.0	50.0	101	05/09/03	29.0	65.0	--	--	--	--	--	--
Specific conductance, in uS/cm	2009-2010	20	0	23.0	58.0	73.0	05/06/10	29.2	70.7	--	--	--	--	--	--
Temperature, Degrees C	2000-2008	105	0	1.5	10.5	20.5	07/25/02	2.5	18.0	20.0	1	--	--	--	L
Temperature, Degrees C	2009-2010	20	0	1.7	9.1	18.4	08/10/10	3.1	17.3	20.0	0	--	--	--	L
Calcium, in milligrams per liter	2000-2008	106	0	2.38	5.99	9.92	12/07/06	3.16	8.02	--	--	--	--	0.04	--
Calcium, in milligrams per liter	2009-2010	20	0	2.00	7.01	9.24	03/11/09	2.80	8.30	--	--	--	--	--	--
Magnesium, in milligrams per liter	2000-2008	106	0	0.48	1.20	2.31	05/09/03	0.71	1.49	--	--	--	--	0.02	--
Magnesium, in milligrams per liter	2009-2010	20	0	0.45	1.35	1.75	05/06/10	0.66	1.62	--	--	--	--	--	--
Potassium, in milligrams per liter	2002-2008	85	0	0.19	0.64	1.02	05/09/03	0.39	0.79	--	--	--	--	0.02	--
Potassium, in milligrams per liter	2009-2010	20	0	0.27	0.68	0.85	05/06/10	0.37	0.80	--	--	--	--	--	--
Sodium, in milligrams per liter	2000-2008	106	0	1.05	2.11	5.61	05/09/03	1.47	2.77	--	--	--	--	0.12	--
Sodium, in milligrams per liter	2009-2010	20	0	1.06	2.50	3.71	05/06/10	1.43	3.14	--	--	--	--	--	--
Alkalinity, in milligrams per liter	2002-2008	85	0	8.16	22.2	33.6	10/20/05	10.9	29.1	--	--	--	--	5	--
Alkalinity, in milligrams per liter	2009-2010	20	0	9.16	24.9	31.5	03/11/09	9.98	30.0	--	--	--	--	--	--
Chloride, in milligrams per liter	2000-2008	106	10	0 *	0.99	9.59	05/09/03	0.53	1.57	250	0	--	--	0.12	L
Chloride, in milligrams per liter	2009-2010	20	0	0.66	1.26	5.11	05/06/10	0.87	2.05	250	0	--	--	--	L
Sulfate, in milligrams per liter	2000-2008	106	6	0 *	2.74	6.80	05/09/03	1.80	3.80	250	0	--	--	0.18	L
Sulfate, in milligrams per liter	2009-2010	20	0	1.41	3.44	4.14	02/02/10	1.71	4.07	250	0	--	--	--	L
Residue, in milligrams per liter	2000-2008	105	0	14.1	36.7	64.6	05/09/03	26.2	48.1	--	--	--	--	10	--
Residue, in milligrams per liter	2009-2010	20	0	21.6	43.8	61.6	05/05/09	26.4	52.4	--	--	--	--	--	--
Ammonia plus organic nitrogen in milligrams per liter	2000-2008	106	0	0.122	0.219	0.468	04/17/03	0.180	0.290	--	--	--	--	0.14	--
Ammonia plus organic nitrogen in milligrams per liter	2009-2010	20	0	0.168	0.238	0.380	09/15/10	0.194	0.277	--	--	--	--	--	--
Ammonia nitrogen, in milligrams per liter	2000-2008	106	38	0 *	0.007	0.050	08/16/07	0 *	0.021	3.00	0	8.91	0	0.02	L
Ammonia nitrogen, in milligrams per liter	2009-2010	20	14	0 *	0 *	0.066	10/06/09	0 *	0.018	3.54	0	10.8	0	--	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2000-2008	106	6	0 *	0.050	0.164	06/05/03	0.017	0.095	10.0	0	--	--	0.016	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2009-2010	20	4	0 *	0.028	0.110	06/08/10	0 *	0.048	10.0	0	--	--	--	L
Orthophosphate, in milligrams per liter	2000-2008	106	81	0 *	0 *	0.006	02/20/07	0 *	0.004	--	--	--	--	0.006	--
Orthophosphate, in milligrams per liter	2009-2010	20	5	0 *	0.005	0.008	02/02/10	0 *	0.006	--	--	--	--	--	--
Phosphorus, in milligrams per liter	2000-2008	106	6	0 *	0.005	0.011	06/09/05	0.003	0.006	--	--	--	--	0.006	--
Phosphorus, in milligrams per liter	2009-2010	20	2	0 *	0.004	0.008	06/08/10	0.004	0.006	--	--	--	--	--	--
Phosphorus (total), in milligrams per liter	2000-2008	106	2	0 *	0.016	0.035	06/09/05	0.012	0.022	--	--	--	--	0.008	--
Phosphorus (total), in milligrams per liter	2009-2010	20	0	0.012	0.017	0.033	06/08/10	0.014	0.022	--	--	--	--	--	--
Organic carbon (total), in milligrams per liter	2000-2008	82	0	2.00	3.36	8.80	06/09/05	3.00	4.23	--	--	--	--	0.5	--

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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	Standard or Chronic standard	Number of exceedences Chronic	Acute standard	Number of exceedences Acute	LRL	Level of concern
Organic carbon (total), in milligrams per liter	2009-2010	20	0	3.10	3.85	7.60	06/08/10	3.40	5.34	--	--	--	--	--	--
Arsenic, in micrograms per liter	2000-2008	106	28	0 *	0.16	0.47	10/10/02	0 *	0.23	--	--	--	--	0.06	--
Arsenic, in micrograms per liter	2009-2010	20	0	0.10	0.19	0.23	10/06/09	0.13	0.21	--	--	--	--	--	--
Copper, in micrograms per liter	2000-2008	104	15	0 *	2.88	16.2	05/26/05	0.46	6.62	2.68	55	3.55	41	1	H
Copper, in micrograms per liter	2009-2010	20	0	0.67	2.35	9.11	05/06/10	0.95	5.71	2.68	9	3.55	6	--	H
Iron, in micrograms per liter	2000-2008	106	13	0 *	33.8	123	05/26/05	9.17	65.9	300	0	--	--	8	L
Iron, in micrograms per liter	2009-2010	20	0	21.4	36.0	129	05/06/10	24.1	90.2	300	0	--	--	--	L
Lead, in micrograms per liter	2000-2008	106	57	0 *	0 *	0.35	08/11/05	0 *	0.10	0.53	0	13.5	0	0.08	L
Lead, in micrograms per liter	2009-2010	20	6	0 *	0.03	0.07	06/08/10	0 *	0.05	0.53	0	13.5	0	--	L
Manganese, in micrograms per liter	2000-2008	105	17	0 *	1.62	13.1	01/16/03	0 *	4.31	1030	0	1865	0	0.2	L
Manganese, in micrograms per liter	2009-2010	20	0	0.47	3.05	10.9	06/08/10	0.68	5.81	1030	0	1865	0	--	L
Mercury, in nanograms per liter	2005-2008	4	0	1.20	1.44	5.20	06/09/05	1.20	5.20	10.0	0	--	--	0.04	M
Mercury, in nanograms per liter	2009-2010	6	0	0.84	1.79	5.93	06/08/10	0.85	5.74	10.0	0	--	--	--	M
Nickel, in micrograms per liter	2000-2008	106	21	0 *	0.27	1.11	04/14/06	0 *	0.49	15.7	0	142	0	0.2	L
Nickel, in micrograms per liter	2009-2010	20	0	0.16	0.28	0.50	02/02/10	0.19	0.40	15.7	0	142	0	--	L
Selenium, in micrograms per liter	2005-2007	6	2	0 *	0.06	0.07	09/22/05	0 *	0.07	4.60	0	18.4	0	0.08	L
Silver, in micrograms per liter	2000-2008	106	106	0 *	0 *	0 *	08/28/00	0 *	0 *	0.01	0	0.18	0	0.1	L
Silver, in micrograms per liter	2009-2010	20	19	0 *	0 *	0.02	03/10/10	0 *	0 *	0.01	1	0.18	0	--	L
Benzene (total), in micrograms per liter	2000-2008	98	98	0 *	0 *	0 *	08/28/00	0 *	0 *	2.20	0	--	--	0.4	L
Ethylbenzene (total), in micrograms per liter	2000-2008	95	92	0 *	0 *	0.90	10/25/01	0 *	0 *	530	0	--	--	0.4	L
m- + p-Xylene (total) in micrograms per liter	2000-2008	98	98	0 *	0 *	0 *	08/28/00	0 *	0 *	1400	0	--	--	0.4	L
o-Xylene (total), in micrograms per liter	2000-2008	98	98	0 *	0 *	0 *	08/28/00	0 *	0 *	1400	0	--	--	0.4	L
Toluene (total), in micrograms per liter	2000-2008	98	98	0 *	0 *	0 *	08/28/00	0 *	0 *	510	0	--	--	0.4	L