

Table 10. Summary of measured constituents and properties for Hansen Canal above Greeley Filtration Plant, station 403814105111800
[--, 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	67	0	7.60	110	603	08/11/05	19.5	322	--	--	--	--	--	--
Instantaneous discharge, in cubic feet per second	2009-2009	1	0	209	209	209	10/16/08	209	209	--	--	--	--	--	--
Turbidity, in NTRU	2005-2008	30	10	0 *	2.3	6.5	06/23/05	0 *	3.1	--	--	--	--	2	--
Turbidity, in NTRU	2009-2009	1	0	1.7	1.7	1.7	10/16/08	1.7	1.7	--	--	--	--	2	--
Dissolved oxygen, in milligrams per liter	2000-2008	66	0	7.4	10.1	15.1	05/04/01	8.6	11.0	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2009-2009	1	0	9.9	9.9	9.9	10/16/08	9.9	9.9	6.0	0	--	--	--	L
pH, in standard units	2000-2008	65	0	7.1	7.9	9.0	06/15/07	7.6	8.2	6.5	0	9.0	--	--	L
pH, in standard units	2009-2009	1	0	7.7	7.7	7.7	10/16/08	7.7	7.7	6.5	0	9.0	--	--	L
Specific conductance, in uS/cm	2000-2008	67	0	49.0	71.0	103	06/09/05	62.2	77.0	--	--	--	--	--	--
Specific conductance, in uS/cm	2009-2009	1	0	65.0	65.0	65.0	10/16/08	65.0	65.0	--	--	--	--	--	--
Temperature, Degrees C	2000-2008	67	0	5.0	11.0	21.0	08/17/01	8.5	18.0	20.0	1	--	--	--	L
Temperature, Degrees C	2009-2009	1	0	14.1	14.1	14.1	10/16/08	14.1	14.1	20.0	0	--	--	--	L
Calcium, in milligrams per liter	2000-2008	66	0	6.10	8.93	12.6	06/09/05	7.77	10.1	--	--	--	--	0.04	--
Calcium, in milligrams per liter	2009-2009	1	0	8.03	8.03	8.03	10/16/08	8.03	8.03	--	--	--	--	0.02	--
Magnesium, in milligrams per liter	2000-2008	66	0	1.10	1.56	2.35	06/09/05	1.39	1.74	--	--	--	--	0.02	--
Magnesium, in milligrams per liter	2009-2009	1	0	1.35	1.35	1.35	10/16/08	1.35	1.35	--	--	--	--	0.012	--
Potassium, in milligrams per liter	2002-2008	53	0	0.47	0.77	1.00	06/23/05	0.70	0.85	--	--	--	--	0.02	--
Potassium, in milligrams per liter	2009-2009	1	0	0.69	0.69	0.69	10/16/08	0.69	0.69	--	--	--	--	0.06	--
Sodium, in milligrams per liter	2000-2008	66	0	1.71	2.50	3.99	06/09/05	2.30	2.74	--	--	--	--	0.12	--
Sodium, in milligrams per liter	2009-2009	1	0	2.39	2.39	2.39	10/16/08	2.39	2.39	--	--	--	--	0.12	--
Alkalinity, in milligrams per liter	2002-2008	53	0	21.4	30.9	42.2	06/09/05	26.8	32.7	--	--	--	--	5	--
Alkalinity, in milligrams per liter	2009-2009	1	0	28.2	28.2	28.2	10/16/08	28.2	28.2	--	--	--	--	8	--
Chloride, in milligrams per liter	2000-2008	66	1	0 *	1.29	3.22	06/09/05	0.77	1.47	250	0	--	--	0.12	L
Chloride, in milligrams per liter	2009-2009	1	0	1.23	1.23	1.23	10/16/08	1.23	1.23	250	0	--	--	0.12	L
Sulfate, in milligrams per liter	2000-2008	66	5	0 *	3.74	6.60	09/14/01	2.94	4.22	250	0	--	--	0.18	L
Sulfate, in milligrams per liter	2009-2009	1	0	3.40	3.40	3.40	10/16/08	3.40	3.40	250	0	--	--	0.18	L
Residue, in milligrams per liter	2000-2008	66	0	18.0	48.1	76.0	11/06/00	40.8	57.9	--	--	--	--	10	--
Residue, in milligrams per liter	2009-2009	1	0	33.0	33.0	33.0	10/16/08	33.0	33.0	--	--	--	--	10	--
Ammonia plus organic nitrogen in milligrams per liter	2000-2008	67	0	0.133	0.191	0.329	07/25/03	0.163	0.224	--	--	--	--	0.14	--
Ammonia plus organic nitrogen in milligrams per liter	2009-2009	1	0	0.167	0.167	0.167	10/16/08	0.167	0.167	--	--	--	--	0.1	--
Ammonia nitrogen, in milligrams per liter	2000-2008	67	25	0 *	0.005	0.030	07/12/02	0 *	0.021	2.71	0	7.32	0	0.02	L
Ammonia nitrogen, in milligrams per liter	2009-2009	1	1	0 *	0 *	0 *	10/16/08	0 *	0 *	3.58	0	9.64	0	0.02	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2000-2008	67	0	0.006	0.082	0.166	07/11/03	0.029	0.128	10.0	0	--	--	0.016	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2009-2009	1	0	0.039	0.039	0.039	10/16/08	0.039	0.039	10.0	0	--	--	0.016	L
Orthophosphate, in milligrams per liter	2000-2008	66	31	0 *	0.003	0.009	06/09/05	0 *	0.006	--	--	--	--	0.006	--
Orthophosphate, in milligrams per liter	2009-2009	1	1	0 *	0 *	0 *	10/16/08	0 *	0 *	--	--	--	--	0.008	--
Phosphorus, in milligrams per liter	2000-2008	66	5	0 *	0.005	0.014	06/09/05	0.003	0.009	--	--	--	--	0.006	--
Phosphorus, in milligrams per liter	2009-2009	1	0	0.004	0.004	0.004	10/16/08	0.004	0.004	--	--	--	--	0.006	--
Phosphorus (total), in milligrams per liter	2000-2008	66	0	0.004	0.015	0.176	06/16/08	0.009	0.023	--	--	--	--	0.008	--
Phosphorus (total), in milligrams per liter	2009-2009	1	0	0.011	0.011	0.011	10/16/08	0.011	0.011	--	--	--	--	0.012	--
Organic carbon (total), in milligrams per liter	2000-2008	54	1	0 *	3.13	4.00	10/03/00	2.80	3.40	--	--	--	--	0.5	--

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Organic carbon (total), in milligrams per liter	2009-2009	1	0	2.90	2.90	2.90	10/16/08	2.90	2.90	--	--	--	--	0.5	--
Arsenic, in micrograms per liter	2000-2008	66	13	0 *	0.28	0.91	04/19/02	0 *	0.35	--	--	--	--	0.06	--
Arsenic, in micrograms per liter	2009-2009	1	0	0.45	0.45	0.45	10/16/08	0.45	0.45	--	--	--	--	0.06	--
Copper, in micrograms per liter	2000-2008	65	3	0 *	3.61	8.22	06/15/07	2.58	4.81	2.98	52	4.00	18	1	H
Copper, in micrograms per liter	2009-2009	1	0	2.53	2.53	2.53	10/16/08	2.53	2.53	2.98	0	4.00	0	1	M
Iron, in micrograms per liter	2000-2008	66	12	0 *	10.2	25.6	09/10/08	0 *	17.0	300	0	--	--	8	L
Iron, in micrograms per liter	2009-2009	1	0	20.7	20.7	20.7	10/16/08	20.7	20.7	300	0	--	--	4	L
Lead, in micrograms per liter	2000-2008	66	36	0 *	0 *	3.00	07/20/01	0 *	0.11	0.61	1	15.5	0	0.08	L
Lead, in micrograms per liter	2009-2009	1	0	0.10	0.10	0.10	10/16/08	0.10	0.10	0.61	0	15.5	0	0.06	L
Manganese, in micrograms per liter	2000-2008	64	11	0 *	0.90	18.0	09/15/06	0 *	2.84	1075	0	1945	0	0.2	L
Manganese, in micrograms per liter	2009-2009	1	0	2.02	2.02	2.02	10/16/08	2.02	2.02	1075	0	1945	0	0.2	L
Mercury, in nanograms per liter	2005-2005	2	0	0.50	0.60	0.70	06/09/05	0.50	0.70	10.0	0	--	--	0.4	L
Nickel, in micrograms per liter	2000-2008	66	14	0 *	0.30	0.85	06/23/05	0 *	0.63	17.5	0	158	0	0.2	L
Nickel, in micrograms per liter	2009-2009	1	0	0.67	0.67	0.67	10/16/08	0.67	0.67	17.5	0	158	0	0.12	L
Selenium, in micrograms per liter	2005-2006	5	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	66	66	0 *	0 *	0 *	08/28/00	0 *	0 *	0.01	0	0.22	0	0.1	L
Silver, in micrograms per liter	2009-2009	1	1	0 *	0 *	0 *	10/16/08	0 *	0 *	0.01	0	0.22	0	0.008	L
Benzene (total), in micrograms per liter	2000-2008	62	62	0 *	0 *	0 *	08/28/00	0 *	0 *	2.20	0	--	--	0.4	L
Ethylbenzene (total), in micrograms per liter	2000-2008	59	58	0 *	0 *	0.40	07/20/01	0 *	0 *	530	0	--	--	0.4	L
m- + p-Xylene (total) in micrograms per liter	2000-2008	62	62	0 *	0 *	0 *	08/28/00	0 *	0 *	1400	0	--	--	0.4	L
o-Xylene (total), in micrograms per liter	2000-2008	62	62	0 *	0 *	0 *	08/28/00	0 *	0 *	1400	0	--	--	0.4	L
Toluene (total), in micrograms per liter	2000-2008	62	62	0 *	0 *	0 *	08/28/00	0 *	0 *	510	0	--	--	0.4	L