

South East Kelowna Irrigation District

- Monthly Water Quality Sampling Stations -

SITE LOCATION & DATE	TEMP 'C	pH	COLOUR APPARENT	COLOUR T.C.U	CONDUCTIVITY umhos/cm	TURBIDITY NTU	TOTAL		TOTAL				Total Coliform CFU/100 mL	E. Coli CFU/100 mL	N-NO3 MG/L
							IRON MG/L	AMMONIA-N MG/L	HARDNESS as CaCO3 mg/L	FREE CL MG/L	TOTAL CL MG/L	O-PO4-P MG/L			
SEKID INTAKE (PRIOR TO CL2)															
January 17-10	3.5	7.86	52	31	119.7	3.42	0.7	0.19	80	5.1	na	0.04	*42	2	
February 21-10	2.5	7.92	75	40	173	4.39	1.1	0.12	98	5.1	na	0.06	*57	5	
March 28-10	4.0	7.65	78	55	171.9	3.71	0.84	0.23	95	5.1	na	0.07	*38	1	
April 27-10	6.5	7.66	109	90	91	2.92	0.4	0.47	58	4.9	na	0.01			
May 9-10	6.5	7.68	116	95	82.0	3.06	0.36	0.61	50	4.7	na	0.04			
RECORDER BUILDING															
January 17-10	2.0	7.4	31	21	128.1	2.61	0.58	0.08	84	3.14	3.44	0.01	<1	<1	
February 21-10	3.0	7.75	49	22	217	3.08	0.80	0.11	104	1.88	2.16	0.06	<1	<1	
March 28-10	3.5	7.37	58	31	166.9	3.50	0.85	0.08	82	2.04	2.32	0.07	<1	<1	
April 27-10	6.0	6.95	46	37	101.3	2.53	0.4	0.31	57	2.41	3.0	0.01			
May 9-10	6.5	6.89	54	40	92.1	2.09	0.33	0.57	51	2.35	3.03	0.04			
TODD AND SAUCIER RDS															
January 17-10	4.0	7.5	36	13	132.2	3.03	0.6	0.09	82	0.91	1.14	0.04	<1	<1	
February 21-10	3.5	7.44	56	24	208	3.62	0.79	0.1	104	1.57	1.85	0.05	<1	<1	
March 28-10	4.5	7.38	59	35	165.3	3.66	0.85	0.11	81	1.67	2.12	0.07	<1	<1	
April 27-10	6.0	6.95	59	38	103.6	2.97	0.37	0.32	56	1.53	1.75	0.03			
May 9-10	7.0	6.88	50	40	89.2	2.21	0.32	0.51	48	0.57	0.89	0.01			

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							IRON MG/L	AMMONIA-N MG/L	HARDNESS as CaCO3 mg/L	FREE CL MG/L	TOTAL CL MG/L				O-PO4-P MG/L
HART @ GULLEY RDS.															
January 17-10	4.5	7.5	38	13	132.4	3.09	0.63	0.06	85	0.75	0.93	0.01	<1	<1	
February 21-10	4.5	7.42	47	23	201	3.37	0.86	0.11	102	1.33	1.59	0.05	<1	<1	
March 28-10	4.5	7.38	63	30	169.2	4.59	0.96	0.1	78	1.68	2.15	0.08	<1	<1	
April 27-10	6.5	6.94	60	42	104.0	3.54	0.43	0.36	58	1.01	1.49	0.06			
May 9-10	6.5	6.87	59	50	91.7	2.62	0.44	0.52	50	0.38	0.63	0.01			
STEWART @ SAUCIER RDS.															
January 17-10	3.5	7.5	32	15	130.4	2.54	0.58	0.11	68	0.98	1.27	0.04	<1	<1	
February 21-10	3.5	7.48	47	23	204	3.23	0.86	0.11	104	1.65	2.02	0.08	<1	<1	
March 28-10	5.0	7.37	62	28	169.6	3.71	0.98	0.09	72	1.47	1.64	0.11	<1	<1	
April 27-10	6.0	6.94	62	43	103.5	3.44	0.40	0.34	57	1.07	1.41	0.03			
May 9-10	6.5	6.87	54	42	91.9	2.15	0.33	0.52	50	0.23	0.59	0.06			
JOHNSON RD (Well Water)															
January 17-10	9.5	7.6	0	0	452	0.22	0.02	0.07	232	na	na	0.21	<1	<1	4.7
February 21-10	9.0	7.55	0	0	430	0.37	0.02	0.06	236	na	na	0.11	<1	<1	4.8
March 28-10	10.0	7.56	3	0	459	0.28	0.01	0.04	216	na	na	0.11	<1	<1	4.7
April 27-10	10.0	7.45	0	0	458	0.33	nd	0.01	226	na	na	0.04			4.7
May 9-10	10.0	7.58	0	0	456	0.28	0.02	0.03	228	na	na	0.07			4.8

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							IRON MG/L	AMMONIA-N MG/L	HARDNESS as CaCO3 mg/L	FREE CL MG/L	TOTAL CL MG/L				O-PO4-P MG/L
DUNSTER RD															
January 17-10	4.5	7.5	42	16	129.3	3.39	0.61	0.07	64	1.11	1.35	0.02	<1	<1	
February 21-10	4.0	7.46	44	22	201	3.08	0.78	0.09	102	1.58	1.82	0.04	<1	<1	
March 28-10	5.5	7.37	59	30	169.5	3.52	1.04	0.1	82	1.23	1.60	nd	<1	<1	
April 27-10	7.0	6.92	56	41	104.9	2.83	0.36	0.3	59	0.64	0.97	0.04			
May 9-10	7.5	6.82	54	43	91.8	2.47	0.33	0.51	49	0.42	0.95	0.03			
FIELD RD RESERVOIR															
January 17-10	2.5	7.4	28	23	161.2	2.61	0.57	0.09	54	2.40	2.68	0.03	<1	<1	
February 21-10	2.5	7.43	48	24	207	3.45	0.87	0.07	96	2.19	2.51	0.08	<1	<1	
March 28-10	3.5	7.32	59	25	189.3	3.4	1.06	0.09	76	1.44	1.77	0.03	<1	<1	
April 27-10	8.0	6.87	47	30	119.6	3.45	0.42	0.19	54	2.70	3.10	0.03			
May 9-10	5.0	6.80	47	40	99.6	2.33	0.31	0.5	50	1.50	1.96	0.05			
GASPODONE RD															
January 17-10	4.0									1.25	1.58		<1	<1	
February 21-10	3.5									1.16	1.31		<1	<1	
March 28-10	6.0									1.16	1.44		<1	<1	
April 27-10	8.0									0.25	0.67				
May 9-10	9.5									0.94	1.35				
*estimated, background growth over 200															
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