

KALEDEN IRRIGATION DISTRICT											May-20	
MONTHLY WATER QUALITY REPORT												
CL2 RESIDUAL TESTING											<u>Pumphouse</u>	
	1-May-20		8-May-20		15-May-20		22-May-20		28-May-20		CHLORINE USAGE (KG)	158.0
LOCATION	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	AVG CL2 RESIDUAL AT SOURCE	0.98
District Office	0.32	0.38	0.26	0.35	0.23	0.32	0.18	0.28	0.21	0.33		
621 Linden Ave	0.49	0.56	0.41	0.49	0.38	0.49	0.32	0.44	0.41	0.56	TURBIDITY (MIN.) NTU	0.13
334 Lakehill (Post)	0.73	0.82	0.62	0.74	0.54	0.71	0.59	0.67	0.62	0.74	TURBIDITY (MAX.) NTU	0.28
100 Ash Ave	0.42	0.49	0.36	0.43	0.28	0.41	0.25	0.38	0.23	0.31	TURBIDITY (AVG.) NTU	0.21
Pumphouse (Free)	0.34		1.11		1.03		1.09		0.89			
											CONSUMPTION (US GAL)	41,700,500
TURBIDITY TESTING											PRIOR YEAR CONSUMPTION	47,411,000
	1-May-20		8-May-20		15-May-20		22-May-20		28-May-20		DIFFERENCE	-5,710,500
LOCATION	NTU		NTU		NTU		NTU		NTU		System	
District Office	0.37		0.35		0.41		0.48		0.36		CL2 Residual Free (min)	0.18
621 Linden Ave	0.72		0.65		0.63		0.59		0.54		CL2 Residual Free (max)	0.73
334 Lakehill (Post)	0.51		0.48		0.44		0.51		0.41		CL2 Residual Free (AVG)	0.39
100 Ash Ave	1.03		0.86		0.74		0.94		0.74			
Pumphouse	0.25		0.2		0.24		0.18		0.23		TURBIDITY (MIN.) NTU	0.35
											TURBIDITY (MAX.) NTU	1.03
											TURBIDITY (AVG.) NTU	0.59
COLIFORM TESTING												
Location	Date		FREE CL2	NTU	E.COLI	TOT.COLIFORM						
260 Cypress Ave.	7-May-20		0.44	0.68	<1	<1						
119 Ponderosa Ave. (PH)	14-May-20		1.05	0.17	<1	<1						
119 Ponderosa Ave. (Office)	19-May-20		0.17	0.39	<1	<1						
334 Lakehill Rd. (Store/Post)	28-May-20		0.45	0.69	<1	<1						
COLIFORM TESTING GOAL: to meet BC Drinking Water Protection Regulations of MAC <1 (1 CFU/100 ML)												
PREPARED BY:	TD											