

KALEDEN IRRIGATION DISTRICT											Jun-20			
MONTHLY WATER QUALITY REPORT														
CL2 RESIDUAL TESTING											<u>Pumphouse</u>			
		5-Jun-20		12-Jun-20		19-Jun-20		26-Jun-20				CHLORINE USAGE (KG)	179.5	
LOCATION		FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	AVG CL2 RESIDUAL AT SOURCE		0.98
District Office		0.18	0.31	0.22	0.31	0.20	0.34	0.24	0.36					
621 Linden Ave		0.40	0.52	0.44	0.57	0.47	0.53	0.49	0.57			TURBIDITY (MIN.) NTU		0.14
334 Lakehill (Post)		0.52	0.64	0.57	0.65	0.52	0.65	0.52	0.65			TURBIDITY (MAX.) NTU		0.24
100 Ash Ave		0.21	0.33	0.29	0.41	0.27	0.43	0.25	0.37			TURBIDITY (AVG.) NTU		0.18
Pumphouse (Free)		1.18		1.12		1.05		1.05						
No MAC for Chlorine as per the <i>Guidelines for Canadian Drinking Water Quality</i> or <i>BC Source Drinking Water Quality Guideline</i> . GCDWQ Recommends 0.04 mg/L to 2.00 mg/L											CONSUMPTION (US GAL)		39,228,500	
											PRIOR YEAR CONSUMPTION		53,306,400	
											DIFFERENCE		-14,077,900	
LOCATION		5-Jun-20		12-Jun-20		19-Jun-20		26-Jun-20		NTU		<u>System</u>		
District Office		0.39		0.37		0.31		0.34				CL2 Residual Free (min)		0.18
621 Linden Ave		0.51		0.57		0.45		0.47				CL2 Residual Free (max)		0.57
334 Lakehill (Post)		0.45		0.47		0.52		0.55				CL2 Residual Free (AVG)		0.36
100 Ash Ave		0.82		0.79		0.76		0.81						
Pumphouse		0.18		0.17		0.15		0.19				TURBIDITY (MIN.) NTU		0.31
GCDWQ recommends 1 NTU entering a system. <i>BC Source Drinking Water Quality Guidelines</i> states a change of 1 NTU when less than 5 NTU and less than 5 NTU in a system.											TURBIDITY (MAX.) NTU		0.82	
											TURBIDITY (AVG.) NTU		0.54	
COLIFORM TESTING														
Location		Date		FREE CL2	NTU	E.COLI	TOT.COLIFORM							
100 Ash Ave		2-Jun-20		0.37	0.63	<1	<1							
621 Linden Ave		10-Jun-20		0.28	0.54	<1	1							
621 Linden Ave		16-Jun-20		0.19	0.49	<1	<1							
260 Upper Cypress		16-Jun-20		0.23	0.55	<1	<1							
119 Ponderosa (PH)		24-Jun-20		1.02	0.17	<1	<1							
COLIFORM TESTING GOAL: to meet <i>BC Drinking Water Protection Regulations</i> of MAC <1 (1 CFU/100 ML)														
PREPARED BY:		TD												