

KALEDEN IRRIGATION DISTRICT											Jul-20		
MONTHLY WATER QUALITY REPORT													
CL2 RESIDUAL TESTING											<u>Pumphouse</u>		
		03-Jul-20		10-Jul-20		17-Jul-20		24-Jul-20		26-Jul-20		CHLORINE USAGE (KG)	698.5
LOCATION	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	AVG CL2 RESIDUAL AT SOURCE	1.08	
District Office	0.20	0.32			0.27	0.39	0.29	0.38	0.64	0.70			
621 Linden Ave	0.42	0.55			0.48	0.59	0.51	0.63	0.48	0.61	TURBIDITY ( MIN.) NTU	0.11	
334 Lakehill (Post)	0.50	0.64			0.55	0.64	0.60	0.71	0.76	0.87	TURBIDITY ( MAX.) NTU	0.22	
100 Ash Ave	0.23	0.31			0.29	0.37	0.31	0.44	0.37	0.41	TURBIDITY ( AVG. ) NTU	0.16	
Pumphouse (Free)	0.76		1.21		1.18		1.07		1.26				
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)	63,543,000	
											PRIOR YEAR CONSUMPTION	56,244,500	
											DIFFERENCE	7,298,500	
LOCATION	03-Jul-20		10-Jul-20		17-Jul-20		24-Jul-20		26-Jul-20		<u>System</u>		
	NTU	NTU	NTU	NTU	NTU	NTU	NTU	NTU	NTU	NTU	CL2 Residual Free (min)	0.20	
District Office	0.36	0.45	0.40	0.42	0.39						CL2 Residual Free (max)	0.76	
621 Linden Ave	0.53	0.73	0.59	0.53	0.50						CL2 Residual Free (AVG)	0.43	
334 Lakehill (Post)	0.49	0.72	0.65	0.54	0.40								
100 Ash Ave	0.84	0.54	0.67	0.69	0.57								
Pumphouse	0.13	0.21	0.21	0.17	0.11						TURBIDITY ( MIN.) NTU	0.36	
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	0.84	
											TURBIDITY ( AVG. ) NTU	0.55	
COLIFORM TESTING													
Location	Date	FREE CL2	NTU	E.COLI	TOT.COLIFORM								
119 Ponderosa Ave.	02-Jul-20	0.46	0.44	<1	<1								
334 Lakehill	08-Jul-20	0.54	0.69	<1	<1								
100 Ash Ave.	16-Jul-20	0.34	0.61	<1	<1								
621 Linden Ave.	23-Jul-20	0.49	0.47	<1	<1								
260 Upper Cypress	27-Jul-20	0.37	0.75										
334 Lakehill	27-Jul-20	0.71	0.49	<1	<1								
<b>COLIFORM TESTING GOAL: to meet BC Drinking Water Protection Regulations of MAC &lt;1 ( 1 CFU/100 ML)</b>													
PREPARED BY:	TD												