

KALEDEN IRRIGATION DISTRICT											Jan-22		
MONTHLY WATER QUALITY REPORT													
											<u>Pumphouse</u>		
CL2 RESIDUAL TESTING											62.5		
		05-Jan-22		12-Jan-22		19-Jan-22		26-Jan-22				CHLORINE USAGE (KG)	28.3
LOCATION	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL		AVG CL2 RESIDUAL AT SOURCE	1.53
District Office	0.20	0.25	0.20	0.26	0.22	0.33	0.28	0.36					
621 Linden Ave	0.33	0.40	0.31	0.42	0.39	0.49	0.41	0.56				TURBIDITY (MIN.) NTU	0.07
334 Lakehill (Post)	0.44	0.62	0.49	0.57	0.39	0.58	1.11	1.25				TURBIDITY (MAX.) NTU	0.13
100 Ash Ave	0.38	0.51	0.21	0.30	0.22	0.25	0.49	0.75				TURBIDITY (AVG.) NTU	0.10
Pumphouse (Free)	1.2		1.45		1.36		2.53						
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)	5,263,400	
											PRIOR YEAR CONSUMPTION	5,129,900	
											DIFFERENCE	133,500	
		05-Jan-22		12-Jan-22		19-Jan-22		26-Jan-22				System	
LOCATION	NTU		NTU		NTU		NTU		NTU			CL2 Residual Free (min)	0.20
District Office	0.68		0.66		0.65		0.66					CL2 Residual Free (max)	1.11
621 Linden Ave	0.73		0.74		0.71		0.68					CL2 Residual Free (AVG)	0.38
334 Lakehill (Post)	0.67		0.69		0.76		0.63						
100 Ash Ave	0.68		0.67		0.69		0.69						
Pumphouse	0.10		0.09		0.09		0.10					TURBIDITY (MIN.) NTU	0.63
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	0.76	
											TURBIDITY (AVG.) NTU	0.69	
COLIFORM TESTING													
Location		Date		FREE CL2		NTU		E.COLI		TOT.COLIFORM			
100 Ash Ave.		05-Jan-22		0.38		0.68		<1		<1			
260 Upper Cypress Ave.		12-Jan-22		0.30		1.00		<1		<1			
334 Lakehill (Store)		19-Jan-22		0.39		0.76		<1		<1			
621 Linden Ave.		26-Jan-22		0.41		0.68		<1		<1			
COLIFORM TESTING GOAL: to meet BC Drinking Water Protection Regulations of MAC <1 (1 CFU/100 ML)													
PREPARED BY:											CEH		