

KALEDEN IRRIGATION DISTRICT											Feb-22		
MONTHLY WATER QUALITY REPORT													
											<u>Pumphouse</u>		
CL2 RESIDUAL TESTING											55		
		02-Feb-22		09-Feb-22		16-Feb-22		23-Feb-22				CHLORINE USAGE (KG)	24.9
LOCATION	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	AVG CL2 RESIDUAL AT SOURCE	0.99	
District Office	0.20	0.29	0.23	0.32	0.19	0.24	0.17	0.24					
621 Linden Ave	0.31	0.55	0.35	0.46	0.22	0.44	0.27	0.41			TURBIDITY (MIN.) NTU	0.07	
334 Lakehill (Post)	1.07	1.24	0.45	0.53	0.52	0.73	0.66	0.77			TURBIDITY (MAX.) NTU	0.21	
100 Ash Ave	0.20	0.33	0.25	0.32	0.34	0.49	0.22	0.30			TURBIDITY (AVG.) NTU	0.11	
Pumphouse (Free)	2.55		0.51		0.84		0.49						
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)	4,998,100	
											PRIOR YEAR CONSUMPTION	5,145,700	
											DIFFERENCE	-147,600	
LOCATION	02-Feb-22		09-Feb-22		16-Feb-22		23-Feb-22				System		
	NTU	NTU	NTU	NTU	NTU	NTU	NTU	NTU	NTU	NTU	CL2 Residual Free (min)	0.17	
District Office	0.69		0.63		0.64		0.66				CL2 Residual Free (max)	1.07	
621 Linden Ave	0.70		0.64		0.71		0.68				CL2 Residual Free (AVG)	0.35	
334 Lakehill (Post)	0.64		0.71		0.67		0.76						
100 Ash Ave	0.67		0.66		0.63		0.75						
Pumphouse	0.15		0.07		0.09		0.13				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	0.68	
COLIFORM TESTING													
Location	Date	FREE CL2	NTU	E.COLI	TOT.COLIFORM								
119 Ponderosa P/H	02-Feb-22	0.59	0.59	<1	<1								
119 Ponderosa Office	09-Feb-22	0.23	0.63	<1	<1								
100 Ash Ave.	16-Feb-22	0.34	0.63	<1	<1								
260 Upper Cypress Ave.	23-Feb-22	0.35	0.85	<1	<1								
COLIFORM TESTING GOAL: to meet <i>BC Drinking Water Protection Regulations</i> of MAC <1 (1 CFU/100 ML)													
PREPARED BY:	CEH												