

KALEDEN IRRIGATION DISTRICT										Jan-21		
MONTHLY WATER QUALITY REPORT												
										Pumphouse		
CL2 RESIDUAL TESTING										76.5		
		06-Jan-21		13-Jan-21		21-Jan-21		29-Jan-21		CHLORINE USAGE (KG)		34.7
LOCATION		FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	AVG CL2 RESIDUAL AT SOURCE		0.68
District Office		0.29	0.39	0.26	0.43	0.31	0.46	0.28	0.36			
621 Linden Ave		0.63	0.78	0.64	0.83	0.93	1.12	0.69	0.73	TURBIDITY (MIN.) NTU		0.11
334 Lakehill (Post)		0.70	1.06	0.91	1.00	0.85	1.03	0.74	0.82	TURBIDITY (MAX.) NTU		0.23
100 Ash Ave		0.51	0.63	0.50	0.70	0.40	0.50	0.39	0.45	TURBIDITY (AVG.) NTU		0.16
Pumphouse (Free)		0.95		0.61		0.57		0.86				
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)		5,129,900
										PRIOR YEAR CONSUMPTION		3,458,000
										DIFFERENCE		1,671,900
		06-Jan-21		13-Jan-21		21-Jan-21		29-Jan-21		System		
LOCATION		NTU		NTU		NTU		NTU		CL2 Residual Free (min)		0.26
District Office		0.35		0.36		0.44		0.36		CL2 Residual Free (max)		0.93
621 Linden Ave		0.30		0.37		0.39		0.42		CL2 Residual Free (AVG)		0.56
334 Lakehill (Post)		0.38		0.37		0.39		0.38				
100 Ash Ave		0.31		0.31		0.51		0.68				
Pumphouse		0.18		0.20		0.12		0.16		TURBIDITY (MIN.) NTU		0.3
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		0.68
										TURBIDITY (AVG.) NTU		0.40
COLIFORM TESTING												
Location		Date		FREE CL2	NTU	E.COLI	TOT.COLIFORM					
OFFICE 119 Ponderosa		06-Jan-21		0.29	0.25	<1	<1					
100 Ash Ave.		13-Jan-21		0.50	0.31	<1	<1					
260 Cypress Ave.		22-Jan-21		0.48	0.48	<1	<1					
P/House 119 Ponderosa		28-Jan-21		0.72	0.21	<1	<1	Background colonies >200				
COLIFORM TESTING GOAL: to meet <i>BC Drinking Water Protection Regulations</i> of MAC <1 (1 CFU/100 ML)												
PREPARED BY:										CEH		