

KALEDEN IRRIGATION DISTRICT											Jan-20		
MONTHLY WATER QUALITY REPORT													
CL2 RESIDUAL TESTING											<u>Pumphouse</u>		
		3-Jan-20		10-Jan-20		17-Jan-20		25-Jan-20		31-Jan-20		CHLORINE USAGE (KG)	25.7
LOCATION		FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	FREE	TOTAL	AVG CL2 RESIDUAL AT SOURCE	0.51
DISTRICT OFFICE		0.17	0.25	0.21	0.31	0.15	0.28	0.21	0.34	0.23	0.33		
621 LINDEN AVE.		0.32	0.51	0.35	0.48	0.36	0.45	0.37	0.45	0.41	0.52	TURBIDITY (MIN.) NTU	0.10
334 LAKEHILL (POST)		0.54	0.73	0.61	0.72	0.69	0.77	0.63	0.74	0.66	0.76	TURBIDITY (MAX.) NTU	0.16
PINEVIEW		0.22	0.29	0.24	0.36	0.26	0.38	0.27	0.36	0.26	0.34	TURBIDITY (AVG.) NTU	0.12
PUMPHOUSE (FREE)		0.51		0.68		0.44		0.46		0.47			
											CONSUMPTION (US GAL)	3,458,000	
TURBIDITY TESTING											PRIOR YEAR CONSUMPTION	3,959,900	
		3-Jan-20		10-Jan-20		17-Jan-20		25-Jan-20		31-Jan-20		DIFFERENCE	-501,900
LOCATION		NTU		NTU		NTU		NTU		NTU		<u>System</u>	
DISTRICT OFFICE		0.35		0.32		0.41		0.36		0.32		CL2 Residual Free (min)	0.15
621 LINDEN AVE.		0.71		0.85		1.14		0.58		0.61		CL2 Residual Free (max)	0.69
334 LAKEHILL (POST)		0.32		0.28		0.36		0.25		0.22		CL2 Residual Free (AVG)	0.36
PINEVIEW		1.06		1.29		1.54		0.42		0.37			
PUMPHOUSE		0.1		0.14		0.13		0.12		0.18		TURBIDITY (MIN.) NTU	0.22
											TURBIDITY (MAX.) NTU	1.54	
											TURBIDITY (AVG.) NTU	0.59	
COLIFORM TESTING													
Location		Date		FREE CL2	NTU	E.COLI	TOT.COLIFORM						
Pump House		8-Jan-20				<1	<1						
Office		8-Jan-20		0.19	0.39	<1	<1						
334 Lakehill (Post)		16-Jan-20		0.62	0.31	<1	<1						
100 Ash Ave.		22-Jan-20		0.31	0.69	<1	<1						
621 Linden Ave.		30-Jan-20		0.39	1.27	<1	<1						
COLIFORM TESTING GOAL: to meet BC Drinking Water Protection Regulations of MAC <1 (1 CFU/100 ML)													
PREPARED BY:											TD		