



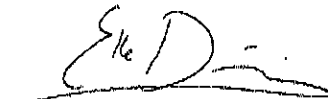
NICOLA LAKESHORE WATER UTILITY CO.
ATTN: April or Kevin
105 - 1121 McFarlane Way
Merritt BC V1K 1B9

Date Received: 30-NOV-11
Report Date: 09-DEC-11 12:48 (MT)
Version: FINAL

Client Phone: 250-378-4206

Certificate of Analysis

Lab Work Order #: L1090775
Project P.O. #: NOT SUBMITTED
Job Reference: 4031
C of C Numbers: 10-168428
Legal Site Desc:



ELLE DINIZ
Account Manager

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ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID				
	L1090775-1 WATER 29-NOV-11 ARSENIC PLANT				
WATER					
Physical Tests	Hardness (as CaCO3) (mg/L)	163			
Total Metals	Aluminum (Al)-Total (mg/L)	0.0038			
	Antimony (Sb)-Total (mg/L)	0.00050			
	Arsenic (As)-Total (mg/L)	0.00632			
	Barium (Ba)-Total (mg/L)	0.0209			
	Beryllium (Be)-Total (mg/L)	<0.00050			
	Bismuth (Bi)-Total (mg/L)	<0.00050			
	Boron (B)-Total (mg/L)	0.032			
	Cadmium (Cd)-Total (mg/L)	<0.000050			
	Calcium (Ca)-Total (mg/L)	36.4			
	Chromium (Cr)-Total (mg/L)	<0.00050			
	Cobalt (Co)-Total (mg/L)	<0.00010			
	Copper (Cu)-Total (mg/L)	0.00686			
	Iron (Fe)-Total (mg/L)	0.069			
	Lead (Pb)-Total (mg/L)	0.00103			
	Lithium (Li)-Total (mg/L)	0.0081			
	Magnesium (Mg)-Total (mg/L)	15.3			
	Manganese (Mn)-Total (mg/L)	0.0774			
	Mercury (Hg)-Total (mg/L)	<0.000050			
	Molybdenum (Mo)-Total (mg/L)	0.00819			
	Nickel (Ni)-Total (mg/L)	<0.00050			
	Phosphorus (P)-Total (mg/L)	<0.30			
	Potassium (K)-Total (mg/L)	6.57			
	Selenium (Se)-Total (mg/L)	<0.0010			
	Silicon (Si)-Total (mg/L)	15.2			
	Silver (Ag)-Total (mg/L)	<0.000010			
	Sodium (Na)-Total (mg/L)	46.5			
	Strontium (Sr)-Total (mg/L)	0.531			
	Thallium (Tl)-Total (mg/L)	<0.00010			
	Tin (Sn)-Total (mg/L)	<0.00010			
	Titanium (Ti)-Total (mg/L)	<0.010			
	Uranium (U)-Total (mg/L)	0.000020			
	Vanadium (V)-Total (mg/L)	<0.0010			
	Zinc (Zn)-Total (mg/L)	0.0209			
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.0030			
	Antimony (Sb)-Dissolved (mg/L)	0.00051			
	Arsenic (As)-Dissolved (mg/L)	0.00630			

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	L1090776-1			
Description	WATER			
Sampled Date	29-NOV-11			
Sampled Time				
Client ID	ARSENIC PLANT			
WATER				
Dissolved Metals	Barium (Ba)-Dissolved (mg/L)	0.0210		
	Beryllium (Be)-Dissolved (mg/L)	<0.00050		
	Bismuth (Bi)-Dissolved (mg/L)	<0.00050		
	Boron (B)-Dissolved (mg/L)	0.031		
	Cadmium (Cd)-Dissolved (mg/L)	<0.000050		
	Calcium (Ca)-Dissolved (mg/L)	36.0		
	Chromium (Cr)-Dissolved (mg/L)	<0.00050		
	Cobalt (Co)-Dissolved (mg/L)	<0.00010		
	Copper (Cu)-Dissolved (mg/L)	0.00521		
	Lead (Pb)-Dissolved (mg/L)	<0.000050		
	Lithium (Li)-Dissolved (mg/L)	0.0079		
	Magnesium (Mg)-Dissolved (mg/L)	15.2		
	Manganese (Mn)-Dissolved (mg/L)	0.0654		
	Mercury (Hg)-Dissolved (mg/L)	<0.000050		
	Molybdenum (Mo)-Dissolved (mg/L)	0.00620		
	Nickel (Ni)-Dissolved (mg/L)	<0.00050		
	Phosphorus (P)-Dissolved (mg/L)	<0.30		
	Potassium (K)-Dissolved (mg/L)	6.56		
	Selenium (Se)-Dissolved (mg/L)	<0.0010		
	Silicon (Si)-Dissolved (mg/L)	15.8		
	Silver (Ag)-Dissolved (mg/L)	<0.000010		
	Sodium (Na)-Dissolved (mg/L)	46.5		
	Strontium (Sr)-Dissolved (mg/L)	0.531		
	Thallium (Tl)-Dissolved (mg/L)	<0.00010		
	Tin (Sn)-Dissolved (mg/L)	<0.00010		
	Titanium (Ti)-Dissolved (mg/L)	<0.010		
	Uranium (U)-Dissolved (mg/L)	0.000019		
	Vanadium (V)-Dissolved (mg/L)	<0.0010		
	Zinc (Zn)-Dissolved (mg/L)	0.0195		