



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

Date Received: 10-NOV-11
Report Date: 18-NOV-11 17:40 (MT)
Version: FINAL

Client Phone: 250-378-4206

Certificate of Analysis

Lab Work Order #: L1083747
Project P.O. #: NICOLA LAKE SHORE WATER UTILITY
Job Reference: 3846
C of C Numbers: 10-192719
Legal Site Desc:

ELLE DINIZ
Account Manager

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	L1083747-1				
Description	H2O				
Sampled Date	08-NOV-11				
Sampled Time					
Client ID	ARSENIC PLANT SINK				
Grouping	Analyte				
WATER					
Physical Tests	Hardness (as CaCO3) (mg/L)	173			
Total Metals	Aluminum (Al)-Total (mg/L)	0.011			
	Antimony (Sb)-Total (mg/L)	0.00070			
	Arsenic (As)-Total (mg/L)	0.00826			
	Barium (Ba)-Total (mg/L)	0.023			
	Boron (B)-Total (mg/L)	<0.10			
	Cadmium (Cd)-Total (mg/L)	<0.00020			
	Calcium (Ca)-Total (mg/L)	40.7			
	Chromium (Cr)-Total (mg/L)	<0.0020			
	Copper (Cu)-Total (mg/L)	0.0109			
	Iron (Fe)-Total (mg/L)	<0.030			
	Lead (Pb)-Total (mg/L)	0.00353			
	Magnesium (Mg)-Total (mg/L)	16.8			
	Manganese (Mn)-Total (mg/L)	0.0721			
	Mercury (Hg)-Total (mg/L)	<0.00020			
	Potassium (K)-Total (mg/L)	6.91			
	Selenium (Se)-Total (mg/L)	<0.0010			
	Sodium (Na)-Total (mg/L)	47.3			
	Uranium (U)-Total (mg/L)	<0.00010			
	Zinc (Zn)-Total (mg/L)	0.076			
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.010			
	Antimony (Sb)-Dissolved (mg/L)	0.00071			
	Arsenic (As)-Dissolved (mg/L)	0.00851			
	Barium (Ba)-Dissolved (mg/L)	0.022			
	Boron (B)-Dissolved (mg/L)	<0.10			
	Cadmium (Cd)-Dissolved (mg/L)	<0.00020			
	Calcium (Ca)-Dissolved (mg/L)	41.3			
	Chromium (Cr)-Dissolved (mg/L)	<0.0020			
	Copper (Cu)-Dissolved (mg/L)	0.0085			
	Iron (Fe)-Dissolved (mg/L)	<0.030			
	Lead (Pb)-Dissolved (mg/L)	<0.00050			
	Magnesium (Mg)-Dissolved (mg/L)	16.9			
	Manganese (Mn)-Dissolved (mg/L)	0.0330			
	Mercury (Hg)-Dissolved (mg/L)	<0.00020			
	Potassium (K)-Dissolved (mg/L)	6.88			
	Selenium (Se)-Dissolved (mg/L)	<0.0010			
	Sodium (Na)-Dissolved (mg/L)	46.4			

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	Sample ID Description Sampled Date Sampled Time Client ID	L1083747-1 H2O 08-NOV-11 ARSENIC PLANT SINK			
Grouping	Analyte				
WATER					
Dissolved Metals	Uranium (U)-Dissolved (mg/L) Zinc (Zn)-Dissolved (mg/L)	<0.00010 0.076			