

VANCOUVER SCHOOL BOARD

Maintenance and Construction 1549 Clark Drive Vancouver BC V5L 3L4 Date Received: 10-AUG-17 Report Date: 17-AUG-17 13:38 (MT) Version: FINAL

Certificate of Analysis

Lab Work Order #: L1972960 Project P.O. #: NOT SUBMITTED Job Reference: C of C Numbers: 15-607910 Legal Site Desc:

Dean Watt, B.Sc. Account Manager

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ALS ENVIRONMENTAL ANALYTICAL REPORT

L1972960 CONTD.... PAGE 2 of 3 17-AUG-17 13:38 (MT) Version: FINAL

	Sample Descrip Sampled I Sampled T Clien	tion Date ime	L1972960-3 WATER 10-AUG-17 10:00 QEX 105A DF	L1972960-4 WATER 10-AUG-17 10:30 QEX 109 DF	
Grouping	Analyte				
WATER					
Total Metals	Lead (Pb)-Total (mg/L)		0.00167	0.00111	

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
MET-T-CCMS-VA	Water	Total Metals in Water by CRC ICPMS	EPA 200.2/6020A (mod)
Water samples are dige	ested with nitric a	and hydrochloric acids, and analyzed by CRC I	CPMS.
Method Limitation (re: S	ulfur): Sulfide a	nd volatile sulfur species may not be recovered	by this method.
* ALS test methods may i	ncorporate mod	ifications from specified reference methods to i	mprove performance.
The last two letters of the	e above test coo	de(s) indicate the laboratory that performed an	alytical analysis for that test. Refer to the list below:
Laboratory Definition C	ode Labor	atory Location	
VA	ALS E	NVIRONMENTAL - VANCOUVER, BRITISH C	OLUMBIA, CANADA
hain of Custody Numb	ers:		
15-607910			
applicable tests, surroga mg/kg - milligrams per ki mg/kg wwt - milligrams p mg/kg lwt - milligrams pe mg/L - milligrams per litre < - Less than. D.L The reported Deter	that is similar in tes are added to logram based o er kilogram base r kilogram base e. ction Limit, also	o samples prior to analysis as a check on reco	not occur naturally in environmental samples. For very.

Test results reported relate only to the samples as received by the laboratory. UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

coc Number: 15 - 607910)	Select Service Level Below - Please confirm all E&P TATs with your AM - surcharges will apply	Standard TAT If receiv	3ENCA		Date and Time Required for all E&P TATs:	For tests that can not be performed according to the service level selected, you will be contacted.	Analysis Request	Indicate Fittered (F), Preserved (P) or Fittered and Preserved (F/P) below						er of		nN										SAMPLE CONDITION AS DECENTED (Jab. 100 anio)	No	t Yes	I	INIITIAL COOLER TEMPERATURES *C FINAL COOLER TEMPERATURES *C	20	FINAL SHIPMENT RECEPTION (lab use only)	ACCERTAGE DY. JC DUNNO 17 MULTI	
COFC		Select Service Level E			aujsng)		for tests that can not		Indic					(0	1	1	~~	•		Χ.	x	×					Frozen	ks	Cooling Initiated	INUTIA		1	1006	YELLOW - CLIENT COPY in the back page of the white - r
Chain of Custody (COC) / Analytical Request Form	Canada Toll Free: 1 800 668 9878	Report Format / Distribution	Select Report Format: R PDF EXCEL	Quality Control (QC) Report with Report		Email 1 or Fax SSThOMAS (DUS6. 6C. C9		Email 3	Invoice Distribution	Select Invoice Distribution: 🚺 EMAIL	Email 1 or Fax	Email 2	UII and Gas Required Fleids (client use)		Majoriminor Code: Kouting Code:			ALS Contact: D. WITY Sampler: S. 716 www.	Time Sample Type	yy) (hh:mm)	10/08/17 11:05 NATION	3	10/08/17 10:00 11 -					add on report by clicking on the drop-down list below ctronic COC only)	Τ				INITIAL SHIPMENT RECEPTION (lab use only)	Necetived by:	REFER CORDENT PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION The status to complete all protons of this form statistic form is found the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the write - report copy 1.1 may varies amones are indered from a Requirated fruction. We setting assess indering and automation of the setting and setting and setting and setting and setting and setting as a specified on the back page of the write - report copy 1.1 may varies amones are required and the conditions as specified on the back page of the write - report copy
		pear on the final report	CANON DOWN	113	report	PR.			ON	ON 🗌									Sample Identification and/or Coordinates	(This description will appear on the report)								Special Instructions / Specify Criteria to (electronic)			-				NFORMATION is form LEGIBLY. By the use of this
		Contact and company name below will appear on the final report	VAU	STURINGN THOM	Company address below will appear on the final report	1549. CIANN	UA-COU US4	V5L 3L4	Same as Report To	Copy of Invoice with Report			Project information	/ Muote #:				ALS Lab Work Order # (lab use only)		10 0 1 10 04	BAY 21 DI-	B14 075 DF	QAX IOYA DI					Drinking Water (DW) Samples ¹ (client use)	Are samples taken from a Regulated DW System?	VES 🔲 NO	man d	N	SHIPMENT RELEASE (client use)	Heller vale.	REFER CODE AND A CONTRACTIONS AND SAMPLING INFORMATION Failure to complete all portions of its form may believe analysis Prease fill than to mice complete and statement If any variant efforts are taken from a Remutated Distriction Water from Svetem non-sources of
	(ALS	Report To	Company:	Contact:	1016	Street:	City/Province:	Postal Code:	Invoice To		Company:	Contact:	1 C A	ALS ACCOUNT # / QUOIE #.	DO / AFF.		LOD.	ALS Lab W	ALS Sample #	(lab use only)								Drinki	Are samples tak		Are samples for	T YES	Delessed her		REFER to BACk Failure to complete a