



Appendix A – ALS Environmental Lead Testing Results for South West Bastion

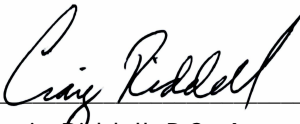
Lower Fort Garry NHS - St. Andrews
ATTN: HEALTHER BEERLING
5925 Highway 9
St. Andrews MB R1A 4A8

Date Received: 22-SEP-21
Report Date: 29-SEP-21 12:04 (MT)
Version: FINAL

Client Phone: 204-904-7153

Certificate of Analysis

Lab Work Order #: L2642562
Project P.O. #: NOT SUBMITTED
Job Reference: PARKS CANADA - LOWER FORT GARRY
C of C Numbers:
Legal Site Desc:



Craig Riddell, B.Sc.Ag
Account Manager

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ADDRESS: 1329 Niakwa Road East, Unit 12, Winnipeg, MB R2J 3T4 Canada | Phone: +1 204 255 9720 | Fax: +1 204 255 9721
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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2642562-1 SW BASTION FRONT VESTIBLE EAST WALL TO RIGHT OF DOOR Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	56.0		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391
L2642562-2 SW BASTION EAST SIDE TO LEFT OF DOOR Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	6.8		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391
L2642562-3 SW BASTION EAST SIDE C3NTER WALL NEAR BACK Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	1730		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391
L2642562-4 SW BASTION WEST SIDE CENTER GREY PAINT Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	1490		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391
L2642562-5 SW BASTION WEST SIDE UNDER GREY PAINT Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	34.4		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391
L2642562-6 SW BASTION WEST SIDE NEAR FRONT CENTER BY VESTIBULE Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	32.9		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391
L2642562-7 SW BASTION EXTERIOR WALL NORTH WINDOW WEST SIDE OF BUILDING Sampled By: CLIENT on 20-SEP-21 @ 14:00 Matrix: PAINT Lead In Paint Metals in Paint and Miscellaneous Lead (Pb)	8.9		1.0	ug/g	27-SEP-21	28-SEP-21	R5604391

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Appendix A – ALS Environmental Lead Testing Results for South West Bastion Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
MET-200.2-CCMS-WT	Misc.	Metals in Paint and Miscellaneous	EPA 200.2/EPA6020A(mod)
Paint samples are digested with nitric and hydrochloric acids, followed by analysis by CRC ICPMS.			

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mg/kg wwt - milligrams per kilogram based on wet weight of sample

mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

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.



Account #
WS037



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Report To		Service Requested (Rush for routine analysis subject to availability)	
Company: Parks Canada Lower Fort Garry	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Other	<input checked="" type="radio"/> Regular (Standard Turnaround Times - Business Days)	
Contact: Heather Beerling	<input checked="" type="checkbox"/> PDF <input type="checkbox"/> Excel <input type="checkbox"/> Digital <input checked="" type="checkbox"/> Fax	<input type="radio"/> Priority (2-4 Business Days) - 50% Surcharge - Contact ALS to Confirm TAT	
Address: 5981 Highway 9, St Andrews, MB R1A 4A8	Email 1: heather.beerling@pc.gc.ca	<input type="radio"/> Emergency (1-2 Bus. Days) - 100% Surcharge - Contact ALS to Confirm TAT	
	Email 2: Harv.Sawatzky@pc.gc.ca	<input type="radio"/> Same Day or Weekend Emergency - Contact ALS to Confirm TAT	
Phone: 204-904-7153 Fax:	Email 3:	Analysis Request Please indicate below Filtered, Preserved or both (F, P, F/P)	

Invoice To Same as Report? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Client / Project Information	
Hardcopy of Invoice with Report? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Job #:	
Company:		PO / AFE:	
Contact:		LSD:	
Address:		Quote #:	
Phone: Fax:		ALS Contact: S.Sawatzky	
Lab Work Order # (lab use only)		Sampler:	

Sample #	Sample Identification (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	Number of Containers														
1	SW Bastion front vestibule East wall to right of door	20/9/21	2:00	Lead															
2	SW Bastion East side to left of door	20/9/21	2:00	Lead															
3	SW Bastion East side Center wall near back	20/9/21	2:00	Lead															
4	SW Bastion west side center grey paint	20/9/21	2:00	Lead															
5	SW Bastion west side under grey paint	20/9/21	2:00	Lead															
6	SW Bastion west side near front center by vestibule	20/9/21	2:00	Lead															
7	SW Bastion exterior wall north window west side of building	20/9/21	2:00	Lead															

Special Instructions / Regulations with water or land use (CCME-Freshwater Aquatic Life/BC CSR - Commercial/AB Tier 1 - Natural, etc) / Hazardous Details

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

By the use of this form the user acknowledges and agrees with the Terms and Conditions as provided on a separate Excel tab.

Also provided on another Excel tab are the ALS location addresses, phone numbers and sample container / preservation / holding time table for common analyses.

SHIPMENT RELEASE (client use)			SHIPMENT RECEPTION (lab use only)				SHIPMENT VERIFICATION (lab use only)			
Released by:	Date (dd-mmm-yy)	Time (hh-mm)	Received by:	Date:	Time:	Temperature:	Verified by:	Date:	Time:	Observations: Yes / No ? If Yes add SIF
			O.A.	22/9/21	10:07am	18.6 °C		SEP 22 2021		