

Bottom Ash Data

2025 Week 26

The following analytical report represents bottom ash composite results for week 26 of 2025 (June 22, 2025 to June 28, 2025).

The bottom ash meets the conditions of Metro Vancouver's 2020 Bottom Ash Management Plan and is suitable for disposal .



CERTIFICATE OF ANALYSIS

Work Order	: VA25B6042		
Client	: Veolia Environmental Services Canada	Laboratory	: ALS Environmental - Vancouver
Contact	: Brian Graham	Account Manager	: Gulraj Dhanaua
Address	: 5150 Riverbend Dr. Burnaby British Columbia Canada V3N 4V3	Address	: 8081 Lougheed Highway Burnaby BC Canada V5A 1W9
Telephone	: ----	E-mail	: Gulraj.Dhanaua@alsglobal.com
Project	: Veolia Weekly Bottom Ash-Suite	Telephone	: +1 604 253 4188
PO	: ----	Date Samples Received	: 02-Jul-2025 13:20
C-O-C number	: ----	Date Analysis Commenced	: 03-Jul-2025
Sampler	: ----	Issue Date	: 09-Jul-2025 15:58
Site	: Metro Van Ash Sampling Program		
Quote number	: VA25-VISI100-001		
No. of samples received	: 12		
No. of samples analysed	: 12		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Dan Gebert		Metals, Burnaby, British Columbia
Janice Leung		Organics, Burnaby, British Columbia
Kevin Duarte		Metals, Burnaby, British Columbia



General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
LOR: Limit of Reporting (detection limit).

<i>Unit</i>	<i>Description</i>
%	percent
mg/kg	milligrams per kilogram
mg/L	milligrams per litre
pH units	pH units

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.



Analytical Results

Sub-Matrix: Soil (Matrix: Soil/Solid)					Client sample ID	BA 2526-A-1	BA 2526-A-2	BA 2526-A-3	BA 2526-A-4	BA 2526-A-5
Client sampling date / time					25-Jun-2025 09:00					
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-001	VA25B6042-002	VA25B6042-003	VA25B6042-004	VA25B6042-005	
					Result	Result	Result	Result	Result	
Physical Tests										
Moisture	----	E144/VA	0.25	%	23.0	22.9	23.0	22.3	24.2	
pH (1:2 soil:water)	----	E108/VA	0.10	pH units	10.63	10.39	10.51	10.45	10.39	
Metals										
Aluminum	7429-90-5	E440/VA	50	mg/kg	38600	40100	30900	37700	33900	
Antimony	7440-36-0	E440/VA	0.10	mg/kg	106	104	110	98.0	108	
Arsenic	7440-38-2	E440/VA	0.10	mg/kg	27.1	24.0	23.1	21.7	32.0	
Barium	7440-39-3	E440/VA	0.50	mg/kg	620	649	510	491	548	
Beryllium	7440-41-7	E440/VA	0.10	mg/kg	0.41	0.35	0.38	0.34	0.36	
Bismuth	7440-69-9	E440/VA	0.20	mg/kg	6.79	15.2	7.93	6.92	6.78	
Boron	7440-42-8	E440/VA	5.0	mg/kg	218	193	195	199	217	
Cadmium	7440-43-9	E440/VA	0.020	mg/kg	7.31	10.8	6.92	6.80	6.67	
Calcium	7440-70-2	E440/VA	50	mg/kg	124000	130000	128000	125000	127000	
Chromium	7440-47-3	E440/VA	0.50	mg/kg	428	233	169	132	161	
Cobalt	7440-48-4	E440/VA	0.10	mg/kg	52.3	112	159	38.0	123	
Copper	7440-50-8	E440/VA	0.50	mg/kg	7800	5570	1380	1570	5440	
Iron	7439-89-6	E440/VA	50	mg/kg	54500	52500	59200	50700	48800	
Lead	7439-92-1	E440/VA	0.50	mg/kg	365	870	364	417	519	
Lithium	7439-93-2	E440/VA	2.0	mg/kg	30.8	47.3	28.5	24.8	22.9	
Magnesium	7439-95-4	E440/VA	20	mg/kg	11000	12400	11500	11300	12000	
Manganese	7439-96-5	E440/VA	1.0	mg/kg	724	818	651	715	701	
Mercury	7439-97-6	E510/VA	0.0500	mg/kg	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-1	BA 2526-A-2	BA 2526-A-3	BA 2526-A-4	BA 2526-A-5
					Client sampling date / time	25-Jun-2025 09:00				
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-001	VA25B6042-002	VA25B6042-003	VA25B6042-004	VA25B6042-005	
					Result	Result	Result	Result	Result	
Metals										
Molybdenum	7439-98-7	E440/VA	0.10	mg/kg	22.1	18.6	21.0	15.2	15.7	
Nickel	7440-02-0	E440/VA	0.50	mg/kg	180	620	120	106	158	
Phosphorus	7723-14-0	E440/VA	50	mg/kg	10100	9190	9790	9040	10400	
Potassium	7440-09-7	E440/VA	100	mg/kg	5460	5400	5140	5470	5910	
Selenium	7782-49-2	E440/VA	0.20	mg/kg	0.37	0.36	0.43	0.34	0.34	
Silver	7440-22-4	E440/VA	0.10	mg/kg	4.90	4.66	4.54	5.63	5.22	
Sodium	7440-23-5	E440/VA	50	mg/kg	15200	15700	14900	15400	16200	
Strontium	7440-24-6	E440/VA	0.50	mg/kg	256	271	281	271	272	
Sulfur	7704-34-9	E440/VA	1000	mg/kg	11300	11800	11700	11600	12000	
Thallium	7440-28-0	E440/VA	0.050	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	
Tin	7440-31-5	E440/VA	2.0	mg/kg	81.3	355	125	89.9	94.4	
Titanium	7440-32-6	E440/VA	1.0	mg/kg	339	459	192	360	312	
Tungsten	7440-33-7	E440/VA	0.50	mg/kg	10.2	8.48	10.0	8.04	9.98	
Uranium	7440-61-1	E440/VA	0.050	mg/kg	1.52	1.61	1.55	1.54	1.57	
Vanadium	7440-62-2	E440/VA	0.20	mg/kg	51.6	41.0	46.1	42.9	46.1	
Zinc	7440-66-6	E440/VA	2.0	mg/kg	5320	5200	10100	3550	3810	
Zirconium	7440-67-7	E440/VA	1.0	mg/kg	1.9	1.7	2.5	2.6	2.1	
TCLP Metals										
pH, TCLP 1st preliminary	----	EPP444/VA	0.010	pH units	11.62	11.53	11.48	11.49	11.45	
pH, TCLP 2nd preliminary	----	EPP444/VA	0.010	pH units	2.58	2.23	2.30	2.66	2.18	
pH, TCLP extraction fluid initial	----	EPP444/VA	0.010	pH units	4.90	4.90	4.90	4.90	4.90	



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-1	BA 2526-A-2	BA 2526-A-3	BA 2526-A-4	BA 2526-A-5
					Client sampling date / time	25-Jun-2025 09:00				
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-001	VA25B6042-002	VA25B6042-003	VA25B6042-004	VA25B6042-005	
					Result	Result	Result	Result	Result	
TCLP Metals										
pH, TCLP final	----	EPP444/VA	0.010	pH units	8.03	9.75	9.43	9.62	9.60	
Antimony, TCLP	7440-36-0	E444/VA	1.00	mg/L	<1.00	<1.00	<1.00	<1.00	<1.00	
Arsenic, TCLP	7440-38-2	E444/VA	1.0	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	
Barium, TCLP	7440-39-3	E444/VA	2.5	mg/L	<2.5	<2.5	<2.5	<2.5	<2.5	
Beryllium, TCLP	7440-41-7	E444/VA	0.025	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	
Boron, TCLP	7440-42-8	E444/VA	0.50	mg/L	1.00	1.04	1.07	1.03	1.11	
Cadmium, TCLP	7440-43-9	E444/VA	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	
Calcium, TCLP	7440-70-2	E444/VA	10	mg/L	874	902	906	912	915	
Chromium, TCLP	7440-47-3	E444/VA	0.25	mg/L	<0.25	<0.25	<0.25	<0.25	<0.25	
Cobalt, TCLP	7440-48-4	E444/VA	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	
Copper, TCLP	7440-50-8	E444/VA	0.050	mg/L	0.594	0.597	0.523	0.601	0.628	
Iron, TCLP	7439-89-6	E444/VA	5.0	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	
Lead, TCLP	7439-92-1	E444/VA	0.25	mg/L	<0.25	<0.25	<0.25	<0.25	<0.25	
Magnesium, TCLP	7439-95-4	E444/VA	2.5	mg/L	4.1	5.0	10.5	5.0	7.0	
Mercury, TCLP	7439-97-6	E512/VA	0.0010	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Nickel, TCLP	7440-02-0	E444/VA	0.25	mg/L	<0.25	<0.25	<0.25	<0.25	<0.25	
Selenium, TCLP	7782-49-2	E444/VA	0.10	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	
Silver, TCLP	7440-22-4	E444/VA	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	
Thallium, TCLP	7440-28-0	E444/VA	1.0	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	
Uranium, TCLP	7440-61-1	E444/VA	0.20	mg/L	<0.20	<0.20	<0.20	<0.20	<0.20	
Vanadium, TCLP	7440-62-2	E444/VA	0.15	mg/L	<0.15	<0.15	<0.15	<0.15	<0.15	



Analytical Results

Sub-Matrix: Soil (Matrix: Soil/Solid)					Client sample ID	BA 2526-A-1	BA 2526-A-2	BA 2526-A-3	BA 2526-A-4	BA 2526-A-5
					Client sampling date / time	25-Jun-2025 09:00				
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-001	VA25B6042-002	VA25B6042-003	VA25B6042-004	VA25B6042-005	
					Result	Result	Result	Result	Result	
TCLP Metals										
Zinc, TCLP	7440-66-6	E444/VA	0.50	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Zirconium, TCLP	7440-67-7	E444/VA	10	mg/L	<10	<10	<10	<10	<10	<10

Please refer to the General Comments section for an explanation of any qualifiers detected.

Analytical Results

Sub-Matrix: Soil (Matrix: Soil/Solid)					Client sample ID	BA 2526-A-6	BA 2526-A-7	BA 2526-A-8	BA 2526-A-9	BA 2526-A-10
					Client sampling date / time	25-Jun-2025 09:00				
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-006	VA25B6042-007	VA25B6042-008	VA25B6042-009	VA25B6042-010	
					Result	Result	Result	Result	Result	
Physical Tests										
Moisture	----	E144/VA	0.25	%	24.8	24.1	23.4	23.4	22.3	
pH (1:2 soil:water)	----	E108/VA	0.10	pH units	10.43	10.45	10.39	10.44	10.42	
Metals										
Aluminum	7429-90-5	E440/VA	50	mg/kg	35600	40600	46000	39400	32500	
Antimony	7440-36-0	E440/VA	0.10	mg/kg	100	183	109	121	91.5	
Arsenic	7440-38-2	E440/VA	0.10	mg/kg	22.9	19.0	19.6	22.2	20.4	
Barium	7440-39-3	E440/VA	0.50	mg/kg	559	601	570	602	620	
Beryllium	7440-41-7	E440/VA	0.10	mg/kg	0.37	0.35	0.36	0.36	0.38	
Bismuth	7440-69-9	E440/VA	0.20	mg/kg	10.2	14.4	11.4	17.0	5.64	
Boron	7440-42-8	E440/VA	5.0	mg/kg	189	207	197	195	244	
Cadmium	7440-43-9	E440/VA	0.020	mg/kg	8.23	5.45	9.23	6.38	5.55	
Calcium	7440-70-2	E440/VA	50	mg/kg	131000	116000	126000	125000	116000	



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-6	BA 2526-A-7	BA 2526-A-8	BA 2526-A-9	BA 2526-A-10
					Client sampling date / time	25-Jun-2025 09:00				
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-006	VA25B6042-007	VA25B6042-008	VA25B6042-009	VA25B6042-010	
					Result	Result	Result	Result	Result	
Metals										
Chromium	7440-47-3	E440/VA	0.50	mg/kg	169	150	130	136	238	
Cobalt	7440-48-4	E440/VA	0.10	mg/kg	63.4	169	67.0	93.9	87.9	
Copper	7440-50-8	E440/VA	0.50	mg/kg	4160	3140	1590	9900	3890	
Iron	7439-89-6	E440/VA	50	mg/kg	64200	42400	50400	68600	58000	
Lead	7439-92-1	E440/VA	0.50	mg/kg	256	1330	811	394	1360	
Lithium	7439-93-2	E440/VA	2.0	mg/kg	44.8	30.6	26.9	25.4	24.5	
Magnesium	7439-95-4	E440/VA	20	mg/kg	12800	11500	12300	11000	10400	
Manganese	7439-96-5	E440/VA	1.0	mg/kg	1070	625	671	808	799	
Mercury	7439-97-6	E510/VA	0.0500	mg/kg	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	
Molybdenum	7439-98-7	E440/VA	0.10	mg/kg	32.9	16.8	15.6	16.1	14.2	
Nickel	7440-02-0	E440/VA	0.50	mg/kg	560	100	96.6	96.6	205	
Phosphorus	7723-14-0	E440/VA	50	mg/kg	10000	9040	9440	11200	9710	
Potassium	7440-09-7	E440/VA	100	mg/kg	5690	5330	5420	5560	4960	
Selenium	7782-49-2	E440/VA	0.20	mg/kg	0.40	0.29	0.42	0.37	0.30	
Silver	7440-22-4	E440/VA	0.10	mg/kg	7.02	3.56	3.73	3.76	5.55	
Sodium	7440-23-5	E440/VA	50	mg/kg	16200	14700	15600	15200	14500	
Strontium	7440-24-6	E440/VA	0.50	mg/kg	321	264	282	269	248	
Sulfur	7704-34-9	E440/VA	1000	mg/kg	12000	10700	11700	11400	9900	
Thallium	7440-28-0	E440/VA	0.050	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	
Tin	7440-31-5	E440/VA	2.0	mg/kg	88.5	82.2	125	434	88.6	
Titanium	7440-32-6	E440/VA	1.0	mg/kg	228	272	341	277	244	



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-6	BA 2526-A-7	BA 2526-A-8	BA 2526-A-9	BA 2526-A-10
					Client sampling date / time	25-Jun-2025 09:00				
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-006	VA25B6042-007	VA25B6042-008	VA25B6042-009	VA25B6042-010	
					Result	Result	Result	Result	Result	
Metals										
Tungsten	7440-33-7	E440/VA	0.50	mg/kg	9.26	9.48	9.21	9.76	8.15	
Uranium	7440-61-1	E440/VA	0.050	mg/kg	1.65	1.45	1.52	1.49	1.45	
Vanadium	7440-62-2	E440/VA	0.20	mg/kg	45.9	50.1	36.7	43.9	50.4	
Zinc	7440-66-6	E440/VA	2.0	mg/kg	4950	3950	4220	3760	3470	
Zirconium	7440-67-7	E440/VA	1.0	mg/kg	3.1	2.5	3.0	2.4	2.1	
TCLP Metals										
pH, TCLP 1st preliminary	---	EPP444/VA	0.010	pH units	11.45	11.45	11.41	11.44	11.50	
pH, TCLP 2nd preliminary	---	EPP444/VA	0.010	pH units	2.30	2.40	2.33	2.51	2.95	
pH, TCLP extraction fluid initial	---	EPP444/VA	0.010	pH units	4.90	4.90	4.90	4.90	4.90	
pH, TCLP final	---	EPP444/VA	0.010	pH units	9.39	9.43	9.49	9.58	9.50	
Antimony, TCLP	7440-36-0	E444/VA	1.00	mg/L	<1.00	<1.00	<1.00	<1.00	<1.00	
Arsenic, TCLP	7440-38-2	E444/VA	1.0	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	
Barium, TCLP	7440-39-3	E444/VA	2.5	mg/L	<2.5	<2.5	<2.5	<2.5	<2.5	
Beryllium, TCLP	7440-41-7	E444/VA	0.025	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	
Boron, TCLP	7440-42-8	E444/VA	0.50	mg/L	1.06	1.09	1.04	1.04	1.03	
Cadmium, TCLP	7440-43-9	E444/VA	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	
Calcium, TCLP	7440-70-2	E444/VA	10	mg/L	905	921	908	904	872	
Chromium, TCLP	7440-47-3	E444/VA	0.25	mg/L	<0.25	<0.25	<0.25	<0.25	<0.25	
Cobalt, TCLP	7440-48-4	E444/VA	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050	
Copper, TCLP	7440-50-8	E444/VA	0.050	mg/L	0.532	0.617	0.540	0.607	0.549	
Iron, TCLP	7439-89-6	E444/VA	5.0	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	



Analytical Results

					Client sample ID				
					BA 2526-A-6	BA 2526-A-7	BA 2526-A-8	BA 2526-A-9	BA 2526-A-10
					Client sampling date / time				
					25-Jun-2025 09:00	25-Jun-2025 09:00	25-Jun-2025 09:00	25-Jun-2025 09:00	25-Jun-2025 09:00
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-006	VA25B6042-007	VA25B6042-008	VA25B6042-009	VA25B6042-010
					Result	Result	Result	Result	Result
TCLP Metals									
Lead, TCLP	7439-92-1	E444/VA	0.25	mg/L	<0.25	<0.25	<0.25	<0.25	<0.25
Magnesium, TCLP	7439-95-4	E444/VA	2.5	mg/L	9.9	8.9	10.0	7.5	8.3
Mercury, TCLP	7439-97-6	E512/VA	0.0010	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Nickel, TCLP	7440-02-0	E444/VA	0.25	mg/L	<0.25	<0.25	<0.25	<0.25	<0.25
Selenium, TCLP	7782-49-2	E444/VA	0.10	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Silver, TCLP	7440-22-4	E444/VA	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050
Thallium, TCLP	7440-28-0	E444/VA	1.0	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Uranium, TCLP	7440-61-1	E444/VA	0.20	mg/L	<0.20	<0.20	<0.20	<0.20	<0.20
Vanadium, TCLP	7440-62-2	E444/VA	0.15	mg/L	<0.15	<0.15	<0.15	<0.15	<0.15
Zinc, TCLP	7440-66-6	E444/VA	0.50	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
Zirconium, TCLP	7440-67-7	E444/VA	10	mg/L	<10	<10	<10	<10	<10

Please refer to the General Comments section for an explanation of any qualifiers detected.

Analytical Results

					Client sample ID				
					BA 2526-A-11	BA 2526-A-12	----	----	----
					Client sampling date / time				
					25-Jun-2025 09:00	25-Jun-2025 09:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-011	VA25B6042-012	----	----	----
					Result	Result	----	----	----
Physical Tests									
Moisture	----	E144/VA	0.25	%	23.2	23.0	----	----	----
pH (1:2 soil:water)	----	E108/VA	0.10	pH units	10.46	10.45	----	----	----



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-11	BA 2526-A-12	----	----	----
					Client sampling date / time	25-Jun-2025 09:00	25-Jun-2025 09:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-011	VA25B6042-012	----	----	----	
					Result	Result	----	----	----	
Metals										
Aluminum	7429-90-5	E440/VA	50	mg/kg	38600	38400	----	----	----	
Antimony	7440-36-0	E440/VA	0.10	mg/kg	96.6	105	----	----	----	
Arsenic	7440-38-2	E440/VA	0.10	mg/kg	21.7	18.5	----	----	----	
Barium	7440-39-3	E440/VA	0.50	mg/kg	571	494	----	----	----	
Beryllium	7440-41-7	E440/VA	0.10	mg/kg	0.35	0.33	----	----	----	
Bismuth	7440-69-9	E440/VA	0.20	mg/kg	7.46	7.67	----	----	----	
Boron	7440-42-8	E440/VA	5.0	mg/kg	206	200	----	----	----	
Cadmium	7440-43-9	E440/VA	0.020	mg/kg	6.65	5.36	----	----	----	
Calcium	7440-70-2	E440/VA	50	mg/kg	120000	120000	----	----	----	
Chromium	7440-47-3	E440/VA	0.50	mg/kg	126	131	----	----	----	
Cobalt	7440-48-4	E440/VA	0.10	mg/kg	60.0	38.0	----	----	----	
Copper	7440-50-8	E440/VA	0.50	mg/kg	1400	845	----	----	----	
Iron	7439-89-6	E440/VA	50	mg/kg	43900	57500	----	----	----	
Lead	7439-92-1	E440/VA	0.50	mg/kg	1540	268	----	----	----	
Lithium	7439-93-2	E440/VA	2.0	mg/kg	27.2	25.9	----	----	----	
Magnesium	7439-95-4	E440/VA	20	mg/kg	10300	11000	----	----	----	
Manganese	7439-96-5	E440/VA	1.0	mg/kg	1050	715	----	----	----	
Mercury	7439-97-6	E510/VA	0.0500	mg/kg	<0.0500	<0.0500	----	----	----	
Molybdenum	7439-98-7	E440/VA	0.10	mg/kg	14.8	16.2	----	----	----	
Nickel	7440-02-0	E440/VA	0.50	mg/kg	190	116	----	----	----	
Phosphorus	7723-14-0	E440/VA	50	mg/kg	11700	10400	----	----	----	



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-11	BA 2526-A-12	----	----	----
					Client sampling date / time	25-Jun-2025 09:00	25-Jun-2025 09:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-011	VA25B6042-012	----	----	----	
					Result	Result	----	----	----	
Metals										
Potassium	7440-09-7	E440/VA	100	mg/kg	5320	4850	----	----	----	
Selenium	7782-49-2	E440/VA	0.20	mg/kg	0.39	0.37	----	----	----	
Silver	7440-22-4	E440/VA	0.10	mg/kg	4.29	3.59	----	----	----	
Sodium	7440-23-5	E440/VA	50	mg/kg	15000	14100	----	----	----	
Strontium	7440-24-6	E440/VA	0.50	mg/kg	272	248	----	----	----	
Sulfur	7704-34-9	E440/VA	1000	mg/kg	11000	10500	----	----	----	
Thallium	7440-28-0	E440/VA	0.050	mg/kg	<0.050	<0.050	----	----	----	
Tin	7440-31-5	E440/VA	2.0	mg/kg	89.8	86.1	----	----	----	
Titanium	7440-32-6	E440/VA	1.0	mg/kg	290	293	----	----	----	
Tungsten	7440-33-7	E440/VA	0.50	mg/kg	8.41	7.63	----	----	----	
Uranium	7440-61-1	E440/VA	0.050	mg/kg	1.59	2.56	----	----	----	
Vanadium	7440-62-2	E440/VA	0.20	mg/kg	33.9	39.6	----	----	----	
Zinc	7440-66-6	E440/VA	2.0	mg/kg	3490	4620	----	----	----	
Zirconium	7440-67-7	E440/VA	1.0	mg/kg	2.4	3.2	----	----	----	
TCLP Metals										
pH, TCLP 1st preliminary	----	EPP444/VA	0.010	pH units	11.52	11.49	----	----	----	
pH, TCLP 2nd preliminary	----	EPP444/VA	0.010	pH units	2.51	2.25	----	----	----	
pH, TCLP extraction fluid initial	----	EPP444/VA	0.010	pH units	4.90	4.90	----	----	----	
pH, TCLP final	----	EPP444/VA	0.010	pH units	9.48	9.48	----	----	----	
Antimony, TCLP	7440-36-0	E444/VA	1.00	mg/L	<1.00	<1.00	----	----	----	
Arsenic, TCLP	7440-38-2	E444/VA	1.0	mg/L	<1.0	<1.0	----	----	----	



Analytical Results

Sub-Matrix: Soil
 (Matrix: Soil/Solid)

					Client sample ID	BA 2526-A-11	BA 2526-A-12	----	----	----
					Client sampling date / time	25-Jun-2025 09:00	25-Jun-2025 09:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B6042-011	VA25B6042-012	----	----	----	
					Result	Result	----	----	----	
TCLP Metals										
Barium, TCLP	7440-39-3	E444/VA	2.5	mg/L	<2.5	<2.5	----	----	----	
Beryllium, TCLP	7440-41-7	E444/VA	0.025	mg/L	<0.025	<0.025	----	----	----	
Boron, TCLP	7440-42-8	E444/VA	0.50	mg/L	1.03	1.00	----	----	----	
Cadmium, TCLP	7440-43-9	E444/VA	0.050	mg/L	<0.050	<0.050	----	----	----	
Calcium, TCLP	7440-70-2	E444/VA	10	mg/L	882	860	----	----	----	
Chromium, TCLP	7440-47-3	E444/VA	0.25	mg/L	<0.25	<0.25	----	----	----	
Cobalt, TCLP	7440-48-4	E444/VA	0.050	mg/L	<0.050	<0.050	----	----	----	
Copper, TCLP	7440-50-8	E444/VA	0.050	mg/L	0.545	0.540	----	----	----	
Iron, TCLP	7439-89-6	E444/VA	5.0	mg/L	<5.0	<5.0	----	----	----	
Lead, TCLP	7439-92-1	E444/VA	0.25	mg/L	<0.25	<0.25	----	----	----	
Magnesium, TCLP	7439-95-4	E444/VA	2.5	mg/L	8.1	10.0	----	----	----	
Mercury, TCLP	7439-97-6	E512/VA	0.0010	mg/L	<0.0010	<0.0010	----	----	----	
Nickel, TCLP	7440-02-0	E444/VA	0.25	mg/L	<0.25	<0.25	----	----	----	
Selenium, TCLP	7782-49-2	E444/VA	0.10	mg/L	<0.10	<0.10	----	----	----	
Silver, TCLP	7440-22-4	E444/VA	0.050	mg/L	<0.050	<0.050	----	----	----	
Thallium, TCLP	7440-28-0	E444/VA	1.0	mg/L	<1.0	<1.0	----	----	----	
Uranium, TCLP	7440-61-1	E444/VA	0.20	mg/L	<0.20	<0.20	----	----	----	
Vanadium, TCLP	7440-62-2	E444/VA	0.15	mg/L	<0.15	<0.15	----	----	----	
Zinc, TCLP	7440-66-6	E444/VA	0.50	mg/L	<0.50	<0.50	----	----	----	
Zirconium, TCLP	7440-67-7	E444/VA	10	mg/L	<10	<10	----	----	----	

Please refer to the General Comments section for an explanation of any qualifiers detected.



QUALITY CONTROL INTERPRETIVE REPORT

<p>Work Order : VA25B6042</p> <p>Client : Veolia Environmental Services Canada</p> <p>Contact : Brian Graham</p> <p>Address : 5150 Riverbend Dr. Burnaby BC Canada V3N 4V3</p> <p>Telephone : ----</p> <p>Project : Veolia Weekly Bottom Ash-Suite</p> <p>PO : ----</p> <p>C-O-C number : ----</p> <p>Sampler : ----</p> <p>Site : Metro Van Ash Sampling Program</p> <p>Quote number : VA25-VIS1100-001</p> <p>No. of samples received : 12</p> <p>No. of samples analysed : 12</p>	<p>Page : 1 of 16</p> <p>Laboratory : ALS Environmental - Vancouver</p> <p>Account Manager : Gulraj Dhanaua</p> <p>Address : 8081 Lougheed Highway Burnaby, British Columbia Canada V5A 1W9</p> <p>Telephone : +1 604 253 4188</p> <p>Date Samples Received : 02-Jul-2025 13:20</p> <p>Issue Date : 09-Jul-2025 15:57</p>
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This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

- Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.
- CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
- DQO: Data Quality Objective.
- LOR: Limit of Reporting (detection limit).
- RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- Duplicate outliers occur - please see following pages for full details.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.



Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **Soil/Solid**

Analyte Group	Laboratory sample ID	Client/Ref Sample ID	Analyte	CAS Number	Method	Result	Limits	Comment
Duplicate (DUP) RPDs								
Metals	VA25B6042-001	BA 2526-A-1	Chromium	7440-47-3	E440	97.7 % DUP-H	30%	Duplicate RPD does not meet the DQO for this test.
Metals	VA25B6042-001	BA 2526-A-1	Cobalt	7440-48-4	E440	98.3 % DUP-H	30%	Duplicate RPD does not meet the DQO for this test.
Metals	VA25B6042-001	BA 2526-A-1	Copper	7440-50-8	E440	86.9 % DUP-H	30%	Duplicate RPD does not meet the DQO for this test.
Metals	VA25B6042-001	BA 2526-A-1	Zinc	7440-66-6	E440	46.0 % DUP-H	30%	Duplicate RPD does not meet the DQO for this test.

Result Qualifiers

Qualifier	Description
DUP-H	Duplicate results outside ALS DQO, due to sample heterogeneity.



Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Soil/Solid**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-1	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-10	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-11	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-12	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-2	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-3	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2526-A-4	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✔	09-Jul-2025	28 days	0 days	✔



Matrix: Soil/Solid

Evaluation: * = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis				
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval	
				Rec	Actual			Rec	Actual		
Metals : Mercury in Soil/Solid by CVAAS											
LDPE bag BA 2526-A-5	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✓	09-Jul-2025	28 days	0 days	✓	
Metals : Mercury in Soil/Solid by CVAAS											
LDPE bag BA 2526-A-6	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✓	09-Jul-2025	28 days	0 days	✓	
Metals : Mercury in Soil/Solid by CVAAS											
LDPE bag BA 2526-A-7	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✓	09-Jul-2025	28 days	0 days	✓	
Metals : Mercury in Soil/Solid by CVAAS											
LDPE bag BA 2526-A-8	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✓	09-Jul-2025	28 days	0 days	✓	
Metals : Mercury in Soil/Solid by CVAAS											
LDPE bag BA 2526-A-9	E510	25-Jun-2025	09-Jul-2025	28 days	14 days	✓	09-Jul-2025	28 days	0 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-1	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-10	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-11	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-12	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	



Matrix: Soil/Solid

Evaluation: * = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis				
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval	
				Rec	Actual			Rec	Actual		
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-2	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-3	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-4	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-5	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-6	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-7	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-8	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Metals : Metals in Soil/Solid by CRC ICPMS											
LDPE bag BA 2526-A-9	E440	25-Jun-2025	09-Jul-2025	180 days	14 days	✓	09-Jul-2025	180 days	14 days	✓	
Physical Tests : Moisture Content by Gravimetry											
LDPE bag BA 2526-A-1	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----		



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-10	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-11	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-12	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-2	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-3	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-4	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-5	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-6	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2526-A-7	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----	



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis				
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval	
				Rec	Actual			Rec	Actual		
Physical Tests : Moisture Content by Gravimetry											
LDPE bag BA 2526-A-8	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----		
Physical Tests : Moisture Content by Gravimetry											
LDPE bag BA 2526-A-9	E144	25-Jun-2025	----	----	----		07-Jul-2025	----	----		
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-1	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-10	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-11	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-12	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-2	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-3	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-4	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis				
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval	
				Rec	Actual			Rec	Actual		
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-5	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-6	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-7	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-8	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)											
LDPE bag BA 2526-A-9	E108	25-Jun-2025	09-Jul-2025	30 days	14 days	✔	09-Jul-2025	30 days	14 days	✔	
TCLP Metals : Mercury by CVAAS (TCLP)											
Glass vial - total (lab preserved) BA 2526-A-1	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✔	07-Jul-2025	36 days	12 days	✔	
TCLP Metals : Mercury by CVAAS (TCLP)											
Glass vial - total (lab preserved) BA 2526-A-10	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✔	07-Jul-2025	36 days	12 days	✔	
TCLP Metals : Mercury by CVAAS (TCLP)											
Glass vial - total (lab preserved) BA 2526-A-11	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✔	07-Jul-2025	36 days	12 days	✔	
TCLP Metals : Mercury by CVAAS (TCLP)											
Glass vial - total (lab preserved) BA 2526-A-12	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✔	07-Jul-2025	36 days	12 days	✔	



Matrix: **Soil/Solid**

Evaluation: * = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-2	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-3	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-4	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-5	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-6	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-7	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-8	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2526-A-9	E512	03-Jul-2025	07-Jul-2025	36 days	12 days	✓	07-Jul-2025	36 days	12 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2526-A-1	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✓	07-Jul-2025	188 days	12 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis				
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval	
				Rec	Actual			Rec	Actual		
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-10	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-11	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-12	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-2	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-3	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-4	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-5	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-6	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-7	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis				
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval	
				Rec	Actual			Rec	Actual		
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-8	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : Metals by CRC ICPMS (TCLP)											
HDPE - total (lab preserved) BA 2526-A-9	E444	03-Jul-2025	07-Jul-2025	188 days	12 days	✔	07-Jul-2025	188 days	12 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-1	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-10	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-11	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-12	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-2	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-3	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)											
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-4	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔	



Matrix: **Soil/Solid**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)										
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-5	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)										
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-6	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)										
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-7	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)										
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-8	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)										
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2526-A-9	EPP444	25-Jun-2025	03-Jul-2025	----	----		----	28 days	8 days	✔

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).



Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

Quality Control Sample Type	Method	QC Lot #	Count		Frequency (%)		
			QC	Regular	Actual	Expected	Evaluation
Analytical Methods							
Laboratory Duplicates (DUP)							
pH by Meter (1:2 Soil:Water Extraction)	E108	2093421	1	12	8.3	5.0	✔
Moisture Content by Gravimetry	E144	2093422	1	12	8.3	5.0	✔
Metals in Soil/Solid by CRC ICPMS	E440	2093420	1	12	8.3	5.0	✔
Metals by CRC ICPMS (TCLP)	E444	2093043	1	12	8.3	5.0	✔
Mercury in Soil/Solid by CVAAS	E510	2093419	1	12	8.3	5.0	✔
Mercury by CVAAS (TCLP)	E512	2093044	1	12	8.3	5.0	✔
Laboratory Control Samples (LCS)							
pH by Meter (1:2 Soil:Water Extraction)	E108	2093421	1	12	8.3	5.0	✔
Moisture Content by Gravimetry	E144	2093422	1	12	8.3	5.0	✔
Metals in Soil/Solid by CRC ICPMS	E440	2093420	2	12	16.6	10.0	✔
Mercury in Soil/Solid by CVAAS	E510	2093419	2	12	16.6	10.0	✔
Method Blanks (MB)							
Moisture Content by Gravimetry	E144	2093422	1	12	8.3	5.0	✔
Metals in Soil/Solid by CRC ICPMS	E440	2093420	1	12	8.3	5.0	✔
Metals by CRC ICPMS (TCLP)	E444	2093043	1	12	8.3	5.0	✔
Mercury in Soil/Solid by CVAAS	E510	2093419	1	12	8.3	5.0	✔
Mercury by CVAAS (TCLP)	E512	2093044	1	12	8.3	5.0	✔
Matrix Spikes (MS)							
Metals by CRC ICPMS (TCLP)	E444	2093043	1	12	8.3	5.0	✔
Mercury by CVAAS (TCLP)	E512	2093044	1	12	8.3	5.0	✔



Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
pH by Meter (1:2 Soil:Water Extraction)	E108 ALS Environmental - Vancouver	Soil/Solid	BC Lab Manual	pH is determined by potentiometric measurement with a pH electrode at ambient laboratory temperature (normally 20 ± 5°C), and is carried out in accordance with procedures described in the BC Lab Manual (prescriptive method). The procedure involves mixing the dried (at <60°C) and sieved (10mesh/2mm) sample with ultra pure water at a 1:2 ratio of sediment to water. The pH is then measured by a standard pH probe.
Moisture Content by Gravimetry	E144 ALS Environmental - Vancouver	Soil/Solid	CCME PHC in Soil - Tier 1	Moisture is measured gravimetrically by drying the sample at 105°C. Moisture content is calculated as the weight loss (due to water) divided by the wet weight of the sample, expressed as a percentage.
Metals in Soil/Solid by CRC ICPMS	E440 ALS Environmental - Vancouver	Soil/Solid	EPA 6020B (mod)	This method is intended to liberate metals that may be environmentally available. Samples are dried, then sieved through a 2 mm sieve, and digested with HNO ₃ and HCl. Dependent on sample matrix, some metals may be only partially recovered, including Al, Ba, Be, Cr, Sr, Ti, Tl, V, W, and Zr. Silicate minerals are not solubilized. Volatile forms of sulfur (including sulfide) may not be captured, as they may be lost during sampling, storage, or digestion. This method does not adequately recover elemental sulfur, and is unsuitable for assessment of elemental sulfur standards or guidelines. Analysis is by Collision/Reaction Cell ICPMS.
Metals by CRC ICPMS (TCLP)	E444 ALS Environmental - Vancouver	Soil/Solid	EPA 1311/6020B (mod)	An extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311 is analyzed by Collision/Reaction Cell ICPMS.
Mercury in Soil/Solid by CVAAS	E510 ALS Environmental - Vancouver	Soil/Solid	EPA 200.2/1631 Appendix (mod)	Samples are dried, then sieved through a 2 mm sieve, and digested with HNO ₃ and HCl, followed by CVAAS analysis.
Mercury by CVAAS (TCLP)	E512 ALS Environmental - Vancouver	Soil/Solid	EPA 1311/245.1 (mod)	An extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311 is analyzed by CVAAS.
Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Leach 1:2 Soil:Water for pH/EC	EP108 ALS Environmental - Vancouver	Soil/Solid	BC WLAP METHOD: PH, ELECTROMETRIC, SOIL	The procedure involves mixing the dried (at <60°C) and sieved (No. 10 / 2mm) sample with deionized/distilled water at a 1:2 ratio of sediment to water.



<i>Preparation Methods</i>	<i>Method / Lab</i>	<i>Matrix</i>	<i>Method Reference</i>	<i>Method Descriptions</i>
Digestion for Metals and Mercury	EP440 ALS Environmental - Vancouver	Soil/Solid	EPA 200.2 (mod)	Samples are dried, then sieved through a 2 mm sieve, and digested with HNO ₃ and HCl. This method is intended to liberate metals that may be environmentally available.
TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)	EPP444 ALS Environmental - Vancouver	Soil/Solid	EPA 1311	Preparation of a Toxicity Characteristic Leaching Procedure (TCLP) solid sample involves particle size reduction, homogenization, then determination of appropriate extraction fluid. A measured portion of fresh subsample is placed in an extraction bottle with the appropriate extraction fluid then tumbled in a rotary extractor for 18+/- 2 hours at 23 +/- 2 C. The liquid leachate is filtered to separate from solids then bottled and prepared for analytical tests.

QUALITY CONTROL REPORT

Work Order	: VA25B6042	Page	: 1 of 12
Client	: Veolia Environmental Services Canada	Laboratory	: ALS Environmental - Vancouver
Contact	: Brian Graham	Account Manager	: Gulraj Dhanaua
Address	: 5150 Riverbend Dr. Burnaby BC Canada V3N 4V3	Address	: 8081 Lougheed Highway Burnaby, British Columbia Canada V5A 1W9
Telephone	: ----	Telephone	: +1 604 253 4188
Project	: Veolia Weekly Bottom Ash-Suite	Date Samples Received	: 02-Jul-2025 13:20
PO	: ----	Date Analysis Commenced	: 03-Jul-2025
C-O-C number	: ----	Issue Date	: 09-Jul-2025 16:01
Sampler	: ----		
Site	: Metro Van Ash Sampling Program		
Quote number	: VA25-VISI100-001		
No. of samples received	: 12		
No. of samples analysed	: 12		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Dan Gebert	Supervisor - Metals Mercury & Speciation	Vancouver Metals, Burnaby, British Columbia
Janice Leung	Supervisor - Organics Instrumentation	Vancouver Organics, Burnaby, British Columbia
Kevin Duarte	Supervisor - Metals ICP Instrumentation	Vancouver Metals, Burnaby, British Columbia



General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

= Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.



Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: Soil/Solid

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Physical Tests (QC Lot: 2093421)											
VA25B6042-001	BA 2526-A-1	pH (1:2 soil:water)	----	E108	0.10	pH units	10.63	10.51	1.1%	5%	----
Physical Tests (QC Lot: 2093422)											
VA25B6042-001	BA 2526-A-1	Moisture	----	E144	0.25	%	23.0	23.1	0.403%	20%	----
Metals (QC Lot: 2093419)											
VA25B6042-001	BA 2526-A-1	Mercury	7439-97-6	E510	0.0500	mg/kg	<0.0500	<0.0500	0	Diff <2x LOR	----
Metals (QC Lot: 2093420)											
VA25B6042-001	BA 2526-A-1	Aluminum	7429-90-5	E440	50	mg/kg	38600	44700	14.7%	40%	----
		Antimony	7440-36-0	E440	0.10	mg/kg	106	85.3	22.0%	30%	----
		Arsenic	7440-38-2	E440	0.10	mg/kg	27.1	20.7	26.6%	30%	----
		Barium	7440-39-3	E440	0.50	mg/kg	620	668	7.34%	40%	----
		Beryllium	7440-41-7	E440	0.10	mg/kg	0.41	0.39	0.02	Diff <2x LOR	----
		Bismuth	7440-69-9	E440	0.20	mg/kg	6.79	6.32	7.21%	30%	----
		Boron	7440-42-8	E440	5.0	mg/kg	218	253	14.9%	30%	----
		Cadmium	7440-43-9	E440	0.020	mg/kg	7.31	7.92	8.09%	30%	----
		Calcium	7440-70-2	E440	50	mg/kg	124000	124000	0.203%	30%	----
		Chromium	7440-47-3	E440	0.50	mg/kg	428	147	97.7%	30%	DUP-H
		Cobalt	7440-48-4	E440	0.10	mg/kg	52.3	154	98.3%	30%	DUP-H
		Copper	7440-50-8	E440	0.50	mg/kg	7800	3070	86.9%	30%	DUP-H
		Iron	7439-89-6	E440	50	mg/kg	54500	45700	17.6%	30%	----
		Lead	7439-92-1	E440	0.50	mg/kg	365	495	30.2%	40%	----
		Lithium	7439-93-2	E440	2.0	mg/kg	30.8	29.8	3.43%	30%	----
		Magnesium	7439-95-4	E440	20	mg/kg	11000	12500	12.8%	30%	----
		Manganese	7439-96-5	E440	1.0	mg/kg	724	768	5.93%	30%	----
		Molybdenum	7439-98-7	E440	0.10	mg/kg	22.1	16.5	29.0%	40%	----
		Nickel	7440-02-0	E440	0.50	mg/kg	180	229	23.7%	30%	----
		Phosphorus	7723-14-0	E440	50	mg/kg	10100	9350	7.45%	30%	----
		Potassium	7440-09-7	E440	100	mg/kg	5460	5430	0.461%	40%	----
		Selenium	7782-49-2	E440	0.20	mg/kg	0.37	0.42	0.04	Diff <2x LOR	----
		Silver	7440-22-4	E440	0.10	mg/kg	4.90	4.21	15.3%	40%	----
		Sodium	7440-23-5	E440	50	mg/kg	15200	15900	4.70%	40%	----



Sub-Matrix: Soil/Solid					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Metals (QC Lot: 2093420) - continued											
VA25B6042-001	BA 2526-A-1	Strontium	7440-24-6	E440	0.50	mg/kg	256	367	35.5%	40%	----
		Sulfur	7704-34-9	E440	1000	mg/kg	11300	11100	2.20%	30%	----
		Thallium	7440-28-0	E440	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tin	7440-31-5	E440	2.0	mg/kg	81.3	88.3	8.20%	40%	----
		Titanium	7440-32-6	E440	1.0	mg/kg	339	280	19.1%	40%	----
		Tungsten	7440-33-7	E440	0.50	mg/kg	10.2	11.0	7.36%	30%	----
		Uranium	7440-61-1	E440	0.050	mg/kg	1.52	1.63	7.35%	30%	----
		Vanadium	7440-62-2	E440	0.20	mg/kg	51.6	59.7	14.5%	30%	----
		Zinc	7440-66-6	E440	2.0	mg/kg	5320	3330	46.0%	30%	DUP-H
		Zirconium	7440-67-7	E440	1.0	mg/kg	1.9	3.1	1.2	Diff <2x LOR	----
TCLP Metals (QC Lot: 2093043)											
VA25B6042-001	BA 2526-A-1	Antimony, TCLP	7440-36-0	E444	1.00	mg/L	<1.00	<1.00	0	Diff <2x LOR	----
		Arsenic, TCLP	7440-38-2	E444	1.0	mg/L	<1.0	<1.0	0	Diff <2x LOR	----
		Barium, TCLP	7440-39-3	E444	2.5	mg/L	<2.5	<2.5	0	Diff <2x LOR	----
		Beryllium, TCLP	7440-41-7	E444	0.025	mg/L	<0.025	<0.025	0	Diff <2x LOR	----
		Boron, TCLP	7440-42-8	E444	0.50	mg/L	1.00	1.02	0.02	Diff <2x LOR	----
		Cadmium, TCLP	7440-43-9	E444	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Calcium, TCLP	7440-70-2	E444	10	mg/L	874	855	2.16%	30%	----
		Chromium, TCLP	7440-47-3	E444	0.25	mg/L	<0.25	<0.25	0	Diff <2x LOR	----
		Cobalt, TCLP	7440-48-4	E444	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Copper, TCLP	7440-50-8	E444	0.050	mg/L	0.594	0.590	0.676%	30%	----
		Iron, TCLP	7439-89-6	E444	5.0	mg/L	<5.0	<5.0	0	Diff <2x LOR	----
		Lead, TCLP	7439-92-1	E444	0.25	mg/L	<0.25	<0.25	0	Diff <2x LOR	----
		Magnesium, TCLP	7439-95-4	E444	2.5	mg/L	4.1	4.2	0.06	Diff <2x LOR	----
		Nickel, TCLP	7440-02-0	E444	0.25	mg/L	<0.25	<0.25	0	Diff <2x LOR	----
		Selenium, TCLP	7782-49-2	E444	0.10	mg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Silver, TCLP	7440-22-4	E444	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Thallium, TCLP	7440-28-0	E444	1.0	mg/L	<1.0	<1.0	0	Diff <2x LOR	----
		Uranium, TCLP	7440-61-1	E444	0.20	mg/L	<0.20	<0.20	0	Diff <2x LOR	----
		Vanadium, TCLP	7440-62-2	E444	0.15	mg/L	<0.15	<0.15	0	Diff <2x LOR	----
Zinc, TCLP	7440-66-6	E444	0.50	mg/L	<0.50	<0.50	0	Diff <2x LOR	----		
Zirconium, TCLP	7440-67-7	E444	10	mg/L	<10	<10	0	Diff <2x LOR	----		
TCLP Metals (QC Lot: 2093044)											
VA25B6042-001	BA 2526-A-1	Mercury, TCLP	7439-97-6	E512	0.0010	mg/L	<0.0010	<0.0010	0	Diff <2x LOR	----



Qualifiers

<i>Qualifier</i>	<i>Description</i>
DUP-H	<i>Duplicate results outside ALS DQO, due to sample heterogeneity.</i>



Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Physical Tests (QCLot: 2093422)						
Moisture	---	E144	0.25	%	<0.25	---
Metals (QCLot: 2093419)						
Mercury	7439-97-6	E510	0.005	mg/kg	<0.0050	---
Metals (QCLot: 2093420)						
Aluminum	7429-90-5	E440	50	mg/kg	<50	---
Antimony	7440-36-0	E440	0.1	mg/kg	<0.10	---
Arsenic	7440-38-2	E440	0.1	mg/kg	<0.10	---
Barium	7440-39-3	E440	0.5	mg/kg	<0.50	---
Beryllium	7440-41-7	E440	0.1	mg/kg	<0.10	---
Bismuth	7440-69-9	E440	0.2	mg/kg	<0.20	---
Boron	7440-42-8	E440	5	mg/kg	<5.0	---
Cadmium	7440-43-9	E440	0.02	mg/kg	<0.020	---
Calcium	7440-70-2	E440	50	mg/kg	<50	---
Chromium	7440-47-3	E440	0.5	mg/kg	<0.50	---
Cobalt	7440-48-4	E440	0.1	mg/kg	<0.10	---
Copper	7440-50-8	E440	0.5	mg/kg	<0.50	---
Iron	7439-89-6	E440	50	mg/kg	<50	---
Lead	7439-92-1	E440	0.5	mg/kg	<0.50	---
Lithium	7439-93-2	E440	2	mg/kg	<2.0	---
Magnesium	7439-95-4	E440	20	mg/kg	<20	---
Manganese	7439-96-5	E440	1	mg/kg	<1.0	---
Molybdenum	7439-98-7	E440	0.1	mg/kg	<0.10	---
Nickel	7440-02-0	E440	0.5	mg/kg	<0.50	---
Phosphorus	7723-14-0	E440	50	mg/kg	<50	---
Potassium	7440-09-7	E440	100	mg/kg	<100	---
Selenium	7782-49-2	E440	0.2	mg/kg	<0.20	---
Silver	7440-22-4	E440	0.1	mg/kg	<0.10	---
Sodium	7440-23-5	E440	50	mg/kg	<50	---
Strontium	7440-24-6	E440	0.5	mg/kg	<0.50	---
Sulfur	7704-34-9	E440	1000	mg/kg	<1000	---
Thallium	7440-28-0	E440	0.05	mg/kg	<0.050	---
Tin	7440-31-5	E440	2	mg/kg	<2.0	---



Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Metals (QCLot: 2093420) - continued						
Titanium	7440-32-6	E440	1	mg/kg	<1.0	----
Tungsten	7440-33-7	E440	0.5	mg/kg	<0.50	----
Uranium	7440-61-1	E440	0.05	mg/kg	<0.050	----
Vanadium	7440-62-2	E440	0.2	mg/kg	<0.20	----
Zinc	7440-66-6	E440	2	mg/kg	<2.0	----
Zirconium	7440-67-7	E440	1	mg/kg	<1.0	----
TCLP Metals (QCLot: 2093043)						
Antimony, TCLP	7440-36-0	E444	0.1	mg/L	<0.10	----
Arsenic, TCLP	7440-38-2	E444	1	mg/L	<1.0	----
Barium, TCLP	7440-39-3	E444	2.5	mg/L	<2.5	----
Beryllium, TCLP	7440-41-7	E444	0.025	mg/L	<0.025	----
Boron, TCLP	7440-42-8	E444	0.5	mg/L	<0.50	----
Cadmium, TCLP	7440-43-9	E444	0.05	mg/L	<0.050	----
Calcium, TCLP	7440-70-2	E444	10	mg/L	<10	----
Chromium, TCLP	7440-47-3	E444	0.25	mg/L	<0.25	----
Cobalt, TCLP	7440-48-4	E444	0.05	mg/L	<0.050	----
Copper, TCLP	7440-50-8	E444	0.05	mg/L	<0.050	----
Iron, TCLP	7439-89-6	E444	5	mg/L	<5.0	----
Lead, TCLP	7439-92-1	E444	0.25	mg/L	<0.25	----
Magnesium, TCLP	7439-95-4	E444	2.5	mg/L	<2.5	----
Nickel, TCLP	7440-02-0	E444	0.25	mg/L	<0.25	----
Selenium, TCLP	7782-49-2	E444	0.1	mg/L	<0.10	----
Silver, TCLP	7440-22-4	E444	0.05	mg/L	<0.050	----
Thallium, TCLP	7440-28-0	E444	1	mg/L	<1.0	----
Uranium, TCLP	7440-61-1	E444	0.2	mg/L	<0.20	----
Vanadium, TCLP	7440-62-2	E444	0.15	mg/L	<0.15	----
Zinc, TCLP	7440-66-6	E444	0.5	mg/L	<0.50	----
Zirconium, TCLP	7440-67-7	E444	10	mg/L	<10	----
TCLP Metals (QCLot: 2093044)						
Mercury, TCLP	7439-97-6	E512	0.001	mg/L	<0.0010	----



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Soil/Solid

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Physical Tests (QCLot: 2093421)									
pH (1:2 soil:water)	---	E108	---	pH units	6 pH units	101	95.0	105	---
Physical Tests (QCLot: 2093422)									
Moisture	---	E144	0.25	%	50 %	102	90.0	110	---
Metals (QCLot: 2093419)									
Mercury	7439-97-6	E510	0.005	mg/kg	0.1 mg/kg	99.1	80.0	120	---
Metals (QCLot: 2093420)									
Aluminum	7429-90-5	E440	50	mg/kg	200 mg/kg	101	80.0	120	---
Antimony	7440-36-0	E440	0.1	mg/kg	100 mg/kg	103	80.0	120	---
Arsenic	7440-38-2	E440	0.1	mg/kg	100 mg/kg	106	80.0	120	---
Barium	7440-39-3	E440	0.5	mg/kg	25 mg/kg	103	80.0	120	---
Beryllium	7440-41-7	E440	0.1	mg/kg	10 mg/kg	101	80.0	120	---
Bismuth	7440-69-9	E440	0.2	mg/kg	100 mg/kg	94.1	80.0	120	---
Boron	7440-42-8	E440	5	mg/kg	100 mg/kg	101	80.0	120	---
Cadmium	7440-43-9	E440	0.02	mg/kg	10 mg/kg	98.4	80.0	120	---
Calcium	7440-70-2	E440	50	mg/kg	5000 mg/kg	99.2	80.0	120	---
Chromium	7440-47-3	E440	0.5	mg/kg	25 mg/kg	98.1	80.0	120	---
Cobalt	7440-48-4	E440	0.1	mg/kg	25 mg/kg	96.3	80.0	120	---
Copper	7440-50-8	E440	0.5	mg/kg	25 mg/kg	97.7	80.0	120	---
Iron	7439-89-6	E440	50	mg/kg	100 mg/kg	98.2	80.0	120	---
Lead	7439-92-1	E440	0.5	mg/kg	50 mg/kg	95.8	80.0	120	---
Lithium	7439-93-2	E440	2	mg/kg	25 mg/kg	101	80.0	120	---
Magnesium	7439-95-4	E440	20	mg/kg	5000 mg/kg	102	80.0	120	---
Manganese	7439-96-5	E440	1	mg/kg	25 mg/kg	96.2	80.0	120	---
Molybdenum	7439-98-7	E440	0.1	mg/kg	25 mg/kg	104	80.0	120	---
Nickel	7440-02-0	E440	0.5	mg/kg	50 mg/kg	94.4	80.0	120	---
Phosphorus	7723-14-0	E440	50	mg/kg	1000 mg/kg	106	80.0	120	---
Potassium	7440-09-7	E440	100	mg/kg	5000 mg/kg	99.2	80.0	120	---
Selenium	7782-49-2	E440	0.2	mg/kg	100 mg/kg	103	80.0	120	---
Silver	7440-22-4	E440	0.1	mg/kg	10 mg/kg	96.6	80.0	120	---
Sodium	7440-23-5	E440	50	mg/kg	5000 mg/kg	101	80.0	120	---
Strontium	7440-24-6	E440	0.5	mg/kg	25 mg/kg	99.4	80.0	120	---
Sulfur	7704-34-9	E440	1000	mg/kg	5000 mg/kg	101	80.0	120	---



Sub-Matrix: Soil/Solid

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Metals (QCLot: 2093420) - continued									
Thallium	7440-28-0	E440	0.05	mg/kg	100 mg/kg	95.0	80.0	120	----
Tin	7440-31-5	E440	2	mg/kg	50 mg/kg	101	80.0	120	----
Titanium	7440-32-6	E440	1	mg/kg	25 mg/kg	97.5	80.0	120	----
Tungsten	7440-33-7	E440	0.5	mg/kg	10 mg/kg	98.6	80.0	120	----
Uranium	7440-61-1	E440	0.05	mg/kg	0.5 mg/kg	98.1	80.0	120	----
Vanadium	7440-62-2	E440	0.2	mg/kg	50 mg/kg	99.8	80.0	120	----
Zinc	7440-66-6	E440	2	mg/kg	50 mg/kg	95.6	80.0	120	----
Zirconium	7440-67-7	E440	1	mg/kg	10 mg/kg	102	80.0	120	----



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
TCLP Metals (QCLot: 2093043)										
VA25B6042-001	BA 2526-A-1	Antimony, TCLP	7440-36-0	E444	4.93 mg/L	5 mg/L	98.6	50.0	140	----
		Arsenic, TCLP	7440-38-2	E444	5.0 mg/L	5 mg/L	101	50.0	140	----
		Barium, TCLP	7440-39-3	E444	12.2 mg/L	12.5 mg/L	97.2	50.0	140	----
		Beryllium, TCLP	7440-41-7	E444	0.239 mg/L	0.25 mg/L	95.7	50.0	140	----
		Boron, TCLP	7440-42-8	E444	9.39 mg/L	10 mg/L	93.9	50.0	140	----
		Cadmium, TCLP	7440-43-9	E444	0.240 mg/L	0.25 mg/L	96.2	50.0	140	----
		Calcium, TCLP	7440-70-2	E444	ND mg/L	----	ND	50.0	140	----
		Chromium, TCLP	7440-47-3	E444	1.21 mg/L	1.25 mg/L	97.1	50.0	140	----
		Cobalt, TCLP	7440-48-4	E444	0.239 mg/L	0.25 mg/L	95.5	50.0	140	----
		Copper, TCLP	7440-50-8	E444	2.32 mg/L	2.5 mg/L	92.7	50.0	140	----
		Iron, TCLP	7439-89-6	E444	236 mg/L	250 mg/L	94.2	50.0	140	----
		Lead, TCLP	7439-92-1	E444	8.83 mg/L	10 mg/L	88.3	50.0	140	----
		Magnesium, TCLP	7439-95-4	E444	242 mg/L	250 mg/L	96.9	50.0	140	----
		Nickel, TCLP	7440-02-0	E444	2.38 mg/L	2.5 mg/L	95.0	50.0	140	----
		Selenium, TCLP	7782-49-2	E444	4.85 mg/L	5 mg/L	97.0	50.0	140	----
		Silver, TCLP	7440-22-4	E444	0.085 mg/L	0.1 mg/L	85.3	50.0	140	----
		Thallium, TCLP	7440-28-0	E444	4.5 mg/L	5 mg/L	90.1	50.0	140	----
		Uranium, TCLP	7440-61-1	E444	4.60 mg/L	5 mg/L	91.9	50.0	150	----
		Vanadium, TCLP	7440-62-2	E444	0.74 mg/L	0.75 mg/L	98.1	50.0	140	----
		Zinc, TCLP	7440-66-6	E444	9.28 mg/L	10 mg/L	92.8	50.0	140	----
		Zirconium, TCLP	7440-67-7	E444	0.7 mg/L	1 mg/L	72.7	50.0	150	----
TCLP Metals (QCLot: 2093044)										
VA25B6042-001	BA 2526-A-1	Mercury, TCLP	7439-97-6	E512	0.0027 mg/L	0.003 mg/L	89.7	50.0	140	----



Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

Sub-Matrix:

Laboratory sample ID	Reference Material ID	Analyte	CAS Number	Method	Reference Material (RM) Report				
					RM Target Concentration	Recovery (%) RM	Recovery Limits (%)		Qualifier
							Low	High	
Metals (QCLot: 2093419)									
QC-2093419-003	MRCA-21	Mercury	7439-97-6	E510	0.068 mg/kg	105	70.0	130	----
Metals (QCLot: 2093420)									
QC-2093420-003	MRCA-21	Aluminum	7429-90-5	E440	22500 mg/kg	106	70.0	130	----
QC-2093420-003	MRCA-21	Antimony	7440-36-0	E440	24.8 mg/kg	100	70.0	130	----
QC-2093420-003	MRCA-21	Arsenic	7440-38-2	E440	21.2 mg/kg	101	70.0	130	----
QC-2093420-003	MRCA-21	Barium	7440-39-3	E440	788 mg/kg	103	70.0	130	----
QC-2093420-003	MRCA-21	Beryllium	7440-41-7	E440	1.82 mg/kg	108	70.0	130	----
QC-2093420-003	MRCA-21	Bismuth	7440-69-9	E440	1.78 mg/kg	89.4	70.0	130	----
QC-2093420-003	MRCA-21	Cadmium	7440-43-9	E440	2.15 mg/kg	105	70.0	130	----
QC-2093420-003	MRCA-21	Calcium	7440-70-2	E440	4900 mg/kg	104	70.0	130	----
QC-2093420-003	MRCA-21	Chromium	7440-47-3	E440	56.9 mg/kg	102	70.0	130	----
QC-2093420-003	MRCA-21	Cobalt	7440-48-4	E440	32 mg/kg	100	70.0	130	----
QC-2093420-003	MRCA-21	Copper	7440-50-8	E440	969 mg/kg	101	70.0	130	----
QC-2093420-003	MRCA-21	Iron	7439-89-6	E440	32700 mg/kg	104	70.0	130	----
QC-2093420-003	MRCA-21	Lead	7439-92-1	E440	919 mg/kg	93.8	70.0	130	----
QC-2093420-003	MRCA-21	Lithium	7439-93-2	E440	47.3 mg/kg	110	70.0	130	----
QC-2093420-003	MRCA-21	Magnesium	7439-95-4	E440	7780 mg/kg	105	70.0	130	----
QC-2093420-003	MRCA-21	Manganese	7439-96-5	E440	8640 mg/kg	97.1	70.0	130	----
QC-2093420-003	MRCA-21	Molybdenum	7439-98-7	E440	25.1 mg/kg	102	70.0	130	----
QC-2093420-003	MRCA-21	Nickel	7440-02-0	E440	1000 mg/kg	98.6	70.0	130	----
QC-2093420-003	MRCA-21	Phosphorus	7723-14-0	E440	660 mg/kg	102	70.0	130	----
QC-2093420-003	MRCA-21	Potassium	7440-09-7	E440	10800 mg/kg	100	70.0	130	----
QC-2093420-003	MRCA-21	Selenium	7782-49-2	E440	1.04 mg/kg	110	60.0	140	----
QC-2093420-003	MRCA-21	Silver	7440-22-4	E440	8.98 mg/kg	101	70.0	130	----
QC-2093420-003	MRCA-21	Sodium	7440-23-5	E440	1770 mg/kg	115	70.0	130	----
QC-2093420-003	MRCA-21	Strontium	7440-24-6	E440	41 mg/kg	102	70.0	130	----
QC-2093420-003	MRCA-21	Sulfur	7704-34-9	E440	3940 mg/kg	103	50.0	150	----
QC-2093420-003	MRCA-21	Thallium	7440-28-0	E440	0.907 mg/kg	95.5	70.0	130	----
QC-2093420-003	MRCA-21	Tin	7440-31-5	E440	3.79 mg/kg	104	40.0	160	----
QC-2093420-003	MRCA-21	Titanium	7440-32-6	E440	2790 mg/kg	107	70.0	130	----
QC-2093420-003	MRCA-21	Tungsten	7440-33-7	E440	6.99 mg/kg	115	70.0	130	----
QC-2093420-003	MRCA-21	Uranium	7440-61-1	E440	3.97 mg/kg	94.3	70.0	130	----
QC-2093420-003	MRCA-21	Vanadium	7440-62-2	E440	66.2 mg/kg	101	70.0	130	----

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 Work Order : VA25B6042
 Client : Veolia Environmental Services Canada
 Project : Veolia Weekly Bottom Ash-Suite



Sub-Matrix:

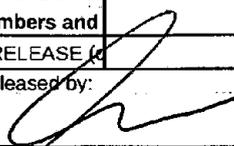
Laboratory sample ID	Reference Material ID	Analyte	CAS Number	Method	Reference Material (RM) Report				
					RM Target Concentration	Recovery (%) RM	Recovery Limits (%)		Qualifier
							Low	High	
Metals (QCLot: 2093420) - continued									
QC-2093420-003	MRCA-21	Zinc	7440-66-6	E440	828 mg/kg	100.0	70.0	130	----
QC-2093420-003	MRCA-21	Zirconium	7440-67-7	E440	6.91 mg/kg	101	70.0	130	----

Report To		Report Format / Distribution				Service Requested (Rush for routine analysis subject to availability)										
Company: Veolia Canada / Burnaby Waste To Energy Facility		"Veolia Email Distribution List" please														
Contact: Brian Graham / Darcie Grace																
Address: 5150 Riverbend Drive		Email 1: Darcie.grace@veolia.com														
Burnaby BC		Email 2: lorenzo.ilao@veolia.com														
Phone: 604-521-1025 Fax:		Email 3: karen.thornquist@veolia.com				Analysis Request										
		brent.kirkpatrick@metrovhcouver.org														
		Sarah.Wellman@metrovhcouver.org														
Invoice To Same as Report? Veolia Water Canada		Client / Project Information				Please indicate below Filtered, Preserved or both (F, P, F/P)										
Hardcopy of Invoice with Report?		Job #: Veolia Weekly Bottom Ash - Suite														
Company: Veolia Water Canada / Burnaby Waste To Energy		PO / AFE: PO#														
Contact: Danny George, Purchaser/Darcie Grace, SHE Manager		LSD: (includes 2:1 pH)														
Address: 5150 Riverbend Drive, Burnaby BC V3N 4V3																
Phone: 604 521 1025 Fax:		Quote #:														
Lab Work Order # (lab use only)		ALS Contact:		Sampler:												
Sample #	Sample Identification (This description will appear on the report)			Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	MET-TCLP-VA (all metals, Hg)	MOISTURE	Chrome 6	MET-CSR+FULL-VA (all metals)						Number of Containers
	BA 2526-A-1			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-2			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-3			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-4			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-5			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-6			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-7			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-8			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-9			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-10			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-11			25 Jun 2025	9:00	Soil	X	X		X						1
	BA 2526-A-12			25 Jun 2025	9:00	Soil	X	X		X						1
water Aquatic																

Environmental Division
 Vancouver
 Work Order Reference
VA25B6042



Telephone : +1 604 253 4188

Form may delay a		es with the Ter		numbers and		SHIPMENT RECEPTION (lab use only)				SHIPMENT VERIFICATION (lab use only)					
Released by: 		Date (dd-mmm-yy): 02/07/25	Time (hh-mm): 07:40	Received by: Noice P. J.C.		Rcvd 2Jul2025				Time: 1320	Temperature: 22 °C	Verified by:	Date:	Time:	Observations: Yes / No ? If Yes add SIF