

Bottom Ash Data

2026 Week 02

The following analytical report represents bottom ash composite results for week 02 of 2026 (January 4, 2026 to January 10, 2026).

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	: VA26A0700	Laboratory	: ALS Environmental - Vancouver
Client	: Veolia Environmental Services Canada	Account Manager	: Gulraj Dhanaua
Contact	: Darcie Grace	Address	: 8081 Lougheed Highway
Address	: 5150 Riverbend Dr. Burnaby British Columbia Canada V3N 4V3		: Burnaby BC Canada V5A 1W9
Telephone	: ----	E-mail	: Gulraj.Dhanaua@alsglobal.com
Project	: Veolia Weekly Bottom Ash-Suite	Telephone	: +1 604 253 4188
PO	: 1000497676	Date Samples Received	: 13-Jan-2026 12:25
C-O-C number	: ----	Date Analysis Commenced	: 15-Jan-2026
Sampler	: ----	Issue Date	: 19-Jan-2026 12:34
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>
Kevin Duarte	Supervisor - Metals ICP Instrumentation	Metals, Burnaby, British Columbia
Kim Jensen	Department Manager - Metals	Metals, Burnaby, British Columbia
Ophelia Chiu	Department Manager - Organics	Organics, Burnaby, British Columbia
Robin Weeks	Supervisor - Organics Extractions	Organics, 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).

Unit	Description
%	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 2602-A-1 ----	BA 2602-A-2 ----	BA 2602-A-3 ----	BA 2602-A-4 ----	BA 2602-A-5 ----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-001	VA26A0700-002	VA26A0700-003	VA26A0700-004	VA26A0700-005
						Result	Result	Result	Result	Result
Physical Tests										
Moisture	----	E144/VA	0.25	%		26.6	24.8	22.3	26.8	26.1
pH (1:2 soil:water)	----	E108/VA	0.10	pH units		10.53	10.48	10.46	10.43	10.59
Metals										
Aluminum	7429-90-5	E440/VA	50	mg/kg		48100	42200	39500	52000	52900
Antimony	7440-36-0	E440/VA	0.10	mg/kg		102	94.0	97.3	100	111
Arsenic	7440-38-2	E440/VA	0.10	mg/kg		13.6	12.6	12.3	12.8	13.5
Barium	7440-39-3	E440/VA	0.50	mg/kg		739	668	535	566	535
Beryllium	7440-41-7	E440/VA	0.10	mg/kg		0.39	0.40	0.37	0.49	0.42
Bismuth	7440-69-9	E440/VA	0.20	mg/kg		4.94	6.47	5.09	5.07	5.42
Boron	7440-42-8	E440/VA	5.0	mg/kg		167	205	243	243	175
Cadmium	7440-43-9	E440/VA	0.020	mg/kg		6.28	5.65	7.01	7.28	8.80
Calcium	7440-70-2	E440/VA	50	mg/kg		138000	130000	148000	137000	143000
Chromium	7440-47-3	E440/VA	0.50	mg/kg		142	175	158	138	187
Cobalt	7440-48-4	E440/VA	0.10	mg/kg		50.8	123	502	1100	191
Copper	7440-50-8	E440/VA	0.50	mg/kg		3650	1970	2130	1330	4000
Iron	7439-89-6	E440/VA	50	mg/kg		57700	56400	51400	55700	48600
Lead	7439-92-1	E440/VA	0.50	mg/kg		381	6800	299	278	352
Lithium	7439-93-2	E440/VA	2.0	mg/kg		35.5	43.1	39.0	50.4	59.3
Magnesium	7439-95-4	E440/VA	20	mg/kg		13000	12400	12400	13500	12900
Manganese	7439-96-5	E440/VA	1.0	mg/kg		1070	994	766	953	883
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 2602-A-1 ----	BA 2602-A-2 ----	BA 2602-A-3 ----	BA 2602-A-4 ----	BA 2602-A-5 ----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-001	VA26A0700-002	VA26A0700-003	VA26A0700-004	VA26A0700-005
						Result	Result	Result	Result	Result
Metals										
Molybdenum	7439-98-7	E440/VA	0.10	mg/kg		20.7	21.6	19.8	24.1	21.9
Nickel	7440-02-0	E440/VA	0.50	mg/kg		171	352	152	164	375
Phosphorus	7723-14-0	E440/VA	50	mg/kg		12400	9790	15600	10700	11900
Potassium	7440-09-7	E440/VA	100	mg/kg		5500	5460	5650	5830	5980
Selenium	7782-49-2	E440/VA	0.20	mg/kg		0.33	0.36	0.28	0.42	0.36
Silver	7440-22-4	E440/VA	0.10	mg/kg		4.44	8.75	3.76	3.55	10.5
Sodium	7440-23-5	E440/VA	50	mg/kg		16800	16900	17900	18500	18300
Strontium	7440-24-6	E440/VA	0.50	mg/kg		301	271	308	303	293
Sulfur	7704-34-9	E440/VA	1000	mg/kg		10900	11100	11600	11300	12300
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		113	110	97.0	97.6	147
Titanium	7440-32-6	E440/VA	1.0	mg/kg		378	426	208	574	500
Tungsten	7440-33-7	E440/VA	0.50	mg/kg		15.0	17.4	12.0	16.5	17.6
Uranium	7440-61-1	E440/VA	0.050	mg/kg		1.60	1.59	1.50	1.60	1.65
Vanadium	7440-62-2	E440/VA	0.20	mg/kg		30.4	39.8	27.4	32.2	33.9
Zinc	7440-66-6	E440/VA	2.0	mg/kg		3180	4070	7120	3180	3900
Zirconium	7440-67-7	E440/VA	1.0	mg/kg		2.4	2.3	2.9	3.5	3.6
TCLP Metals										
pH, TCLP 1st preliminary	----	EPP444/VA	0.010	pH units		11.50	11.54	11.46	11.45	11.48
pH, TCLP 2nd preliminary	----	EPP444/VA	0.010	pH units		5.24	5.31	5.55	5.50	5.23
pH, TCLP extraction fluid initial	----	EPP444/VA	0.010	pH units		2.84	2.84	2.84	2.84	2.84



Analytical Results

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

					Client sample ID	BA 2602-A-1	BA 2602-A-2	BA 2602-A-3	BA 2602-A-4	BA 2602-A-5
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-001	VA26A0700-002	VA26A0700-003	VA26A0700-004	VA26A0700-005
						Result	Result	Result	Result	Result
TCLP Metals										
pH, TCLP final	----	EPP444/VA	0.010	pH units		6.90	6.55	6.61	6.67	6.85
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		1.85	1.81	1.89	1.86	1.87
Cadmium, TCLP	7440-43-9	E444/VA	0.050	mg/L		0.111	0.086	0.087	0.160	0.079
Calcium, TCLP	7440-70-2	E444/VA	10	mg/L		1900	1870	1900	1910	1890
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		0.731	1.52	1.90	1.73	1.03
Copper, TCLP	7440-50-8	E444/VA	0.050	mg/L		0.796	1.02	1.01	1.36	0.875
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		126	129	126	126	124
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	0.42	0.39	0.39	0.62
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 2602-A-1 ----	BA 2602-A-2 ----	BA 2602-A-3 ----	BA 2602-A-4 ----	BA 2602-A-5 ----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-001	VA26A0700-002	VA26A0700-003	VA26A0700-004	VA26A0700-005
						Result	Result	Result	Result	Result
TCLP Metals										
Zinc, TCLP	7440-66-6	E444/VA	0.50	mg/L		5.21	15.5	24.6	15.1	12.9
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

Sub-Matrix: Soil (Matrix: Soil/Solid)					Client sample ID	BA 2602-A-6 ----	BA 2602-A-7 ----	BA 2602-A-8 ----	BA 2602-A-9 ----	BA 2602-A-10 ----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-006	VA26A0700-007	VA26A0700-008	VA26A0700-009	VA26A0700-010
						Result	Result	Result	Result	Result
Physical Tests										
Moisture	----	E144/VA	0.25	%		26.3	26.3	26.3	26.2	25.5
pH (1:2 soil:water)	----	E108/VA	0.10	pH units		10.56	10.46	10.53	10.55	10.48
Metals										
Aluminum	7429-90-5	E440/VA	50	mg/kg		40400	42100	39500	43900	44300
Antimony	7440-36-0	E440/VA	0.10	mg/kg		97.7	110	91.2	96.5	164
Arsenic	7440-38-2	E440/VA	0.10	mg/kg		13.6	14.0	13.1	15.7	35.2
Barium	7440-39-3	E440/VA	0.50	mg/kg		625	594	670	654	713
Beryllium	7440-41-7	E440/VA	0.10	mg/kg		0.44	0.39	0.48	0.46	0.45
Bismuth	7440-69-9	E440/VA	0.20	mg/kg		4.91	5.63	9.12	6.29	5.26
Boron	7440-42-8	E440/VA	5.0	mg/kg		247	182	234	208	185
Cadmium	7440-43-9	E440/VA	0.020	mg/kg		6.12	7.41	6.48	6.95	6.87
Calcium	7440-70-2	E440/VA	50	mg/kg		138000	149000	135000	139000	141000



Analytical Results

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

					Client sample ID	BA 2602-A-6	BA 2602-A-7	BA 2602-A-8	BA 2602-A-9	BA 2602-A-10
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-006	VA26A0700-007	VA26A0700-008	VA26A0700-009	VA26A0700-010
						Result	Result	Result	Result	Result
Metals										
Chromium	7440-47-3	E440/VA	0.50	mg/kg		259	141	277	170	254
Cobalt	7440-48-4	E440/VA	0.10	mg/kg		114	121	134	120	56.1
Copper	7440-50-8	E440/VA	0.50	mg/kg		1740	2040	3280	1660	5000
Iron	7439-89-6	E440/VA	50	mg/kg		46800	46800	73100	66900	61400
Lead	7439-92-1	E440/VA	0.50	mg/kg		327	376	311	359	365
Lithium	7439-93-2	E440/VA	2.0	mg/kg		45.8	42.5	32.9	32.5	36.5
Magnesium	7439-95-4	E440/VA	20	mg/kg		14100	13300	12100	13200	12800
Manganese	7439-96-5	E440/VA	1.0	mg/kg		836	861	1660	794	1260
Mercury	7439-97-6	E510/VA	0.0500	mg/kg		<0.0500	0.0510	<0.0500	<0.0500	<0.0500
Molybdenum	7439-98-7	E440/VA	0.10	mg/kg		21.3	20.8	22.7	22.7	23.0
Nickel	7440-02-0	E440/VA	0.50	mg/kg		394	311	160	135	165
Phosphorus	7723-14-0	E440/VA	50	mg/kg		11700	13200	9830	10300	11800
Potassium	7440-09-7	E440/VA	100	mg/kg		6180	5850	5570	5620	5490
Selenium	7782-49-2	E440/VA	0.20	mg/kg		0.31	0.33	0.32	0.45	0.38
Silver	7440-22-4	E440/VA	0.10	mg/kg		3.52	5.03	4.17	4.66	3.80
Sodium	7440-23-5	E440/VA	50	mg/kg		18500	18600	17200	17300	17000
Strontium	7440-24-6	E440/VA	0.50	mg/kg		289	334	281	308	307
Sulfur	7704-34-9	E440/VA	1000	mg/kg		10900	12700	10500	11700	12600
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		116	248	110	109	109
Titanium	7440-32-6	E440/VA	1.0	mg/kg		266	228	270	312	357



Analytical Results

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

					Client sample ID	BA 2602-A-6 ----	BA 2602-A-7 ----	BA 2602-A-8 ----	BA 2602-A-9 ----	BA 2602-A-10 ----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-006	VA26A0700-007	VA26A0700-008	VA26A0700-009	VA26A0700-010
						Result	Result	Result	Result	Result
Metals										
Tungsten	7440-33-7	E440/VA	0.50	mg/kg		11.1	13.3	11.7	8.20	12.5
Uranium	7440-61-1	E440/VA	0.050	mg/kg		1.64	1.64	1.54	1.67	1.67
Vanadium	7440-62-2	E440/VA	0.20	mg/kg		29.2	32.2	45.1	35.4	48.9
Zinc	7440-66-6	E440/VA	2.0	mg/kg		2960	3550	3370	4660	3450
Zirconium	7440-67-7	E440/VA	1.0	mg/kg		2.5	2.9	2.2	2.3	2.6
TCLP Metals										
pH, TCLP 1st preliminary	----	EPP444/VA	0.010	pH units		11.45	11.46	11.49	11.50	11.50
pH, TCLP 2nd preliminary	----	EPP444/VA	0.010	pH units		5.27	5.60	5.72	5.74	5.96
pH, TCLP extraction fluid initial	----	EPP444/VA	0.010	pH units		2.84	2.84	2.84	2.84	2.84
pH, TCLP final	----	EPP444/VA	0.010	pH units		6.89	6.66	6.70	6.96	6.85
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		1.83	1.90	1.79	1.89	1.94
Cadmium, TCLP	7440-43-9	E444/VA	0.050	mg/L		0.062	0.074	0.070	0.074	0.054
Calcium, TCLP	7440-70-2	E444/VA	10	mg/L		1940	1880	1870	1970	1930
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		1.07	1.55	0.916	3.40	1.46
Copper, TCLP	7440-50-8	E444/VA	0.050	mg/L		1.07	0.749	0.742	0.836	0.875
Iron, TCLP	7439-89-6	E444/VA	5.0	mg/L		<5.0	<5.0	<5.0	<5.0	<5.0



Analytical Results

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

					Client sample ID	BA 2602-A-6 ----	BA 2602-A-7 ----	BA 2602-A-8 ----	BA 2602-A-9 ----	BA 2602-A-10 ----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00	07-Jan-2026 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-006	VA26A0700-007	VA26A0700-008	VA26A0700-009	VA26A0700-010
						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		128	127	124	126	127
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		0.31	0.31	0.37	0.26	0.26
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		11.8	17.4	16.1	6.31	24.7
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

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

					Client sample ID	BA 2602-A-11 ----	BA 2602-A-12 ----	----	----	----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		VA26A0700-011	VA26A0700-012	----	----	----
						Result	Result	----	----	----
Physical Tests										
Moisture	----	E144/VA	0.25	%		25.5	25.4	----	----	----
pH (1:2 soil:water)	----	E108/VA	0.10	pH units		10.58	10.45	----	----	----



Analytical Results

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

					Client sample ID	BA 2602-A-11	BA 2602-A-12	----	----	----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA26A0700-011	VA26A0700-012	----	----	----	----
					Result	Result	----	----	----	----
Metals										
Aluminum	7429-90-5	E440/VA	50	mg/kg	37900	44300	----	----	----	----
Antimony	7440-36-0	E440/VA	0.10	mg/kg	100	104	----	----	----	----
Arsenic	7440-38-2	E440/VA	0.10	mg/kg	14.0	12.6	----	----	----	----
Barium	7440-39-3	E440/VA	0.50	mg/kg	684	562	----	----	----	----
Beryllium	7440-41-7	E440/VA	0.10	mg/kg	0.44	0.39	----	----	----	----
Bismuth	7440-69-9	E440/VA	0.20	mg/kg	5.43	5.12	----	----	----	----
Boron	7440-42-8	E440/VA	5.0	mg/kg	248	179	----	----	----	----
Cadmium	7440-43-9	E440/VA	0.020	mg/kg	8.61	6.50	----	----	----	----
Calcium	7440-70-2	E440/VA	50	mg/kg	142000	146000	----	----	----	----
Chromium	7440-47-3	E440/VA	0.50	mg/kg	155	143	----	----	----	----
Cobalt	7440-48-4	E440/VA	0.10	mg/kg	76.6	110	----	----	----	----
Copper	7440-50-8	E440/VA	0.50	mg/kg	2950	2820	----	----	----	----
Iron	7439-89-6	E440/VA	50	mg/kg	69800	56000	----	----	----	----
Lead	7439-92-1	E440/VA	0.50	mg/kg	407	351	----	----	----	----
Lithium	7439-93-2	E440/VA	2.0	mg/kg	40.2	36.6	----	----	----	----
Magnesium	7439-95-4	E440/VA	20	mg/kg	13800	12400	----	----	----	----
Manganese	7439-96-5	E440/VA	1.0	mg/kg	1390	956	----	----	----	----
Mercury	7439-97-6	E510/VA	0.0500	mg/kg	<0.0500	<0.0500	----	----	----	----
Molybdenum	7439-98-7	E440/VA	0.10	mg/kg	27.9	22.7	----	----	----	----
Nickel	7440-02-0	E440/VA	0.50	mg/kg	146	145	----	----	----	----
Phosphorus	7723-14-0	E440/VA	50	mg/kg	12500	11800	----	----	----	----



Analytical Results

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

					Client sample ID	BA 2602-A-11	BA 2602-A-12	----	----	----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA26A0700-011	VA26A0700-012	----	----	----	----
					Result	Result	----	----	----	----
Metals										
Potassium	7440-09-7	E440/VA	100	mg/kg	5710	5400	----	----	----	----
Selenium	7782-49-2	E440/VA	0.20	mg/kg	0.36	0.26	----	----	----	----
Silver	7440-22-4	E440/VA	0.10	mg/kg	4.56	3.93	----	----	----	----
Sodium	7440-23-5	E440/VA	50	mg/kg	17000	16200	----	----	----	----
Strontium	7440-24-6	E440/VA	0.50	mg/kg	289	305	----	----	----	----
Sulfur	7704-34-9	E440/VA	1000	mg/kg	10700	11000	----	----	----	----
Thallium	7440-28-0	E440/VA	0.050	mg/kg	<0.050	<0.050	----	----	----	----
Tin	7440-31-5	E440/VA	2.0	mg/kg	140	101	----	----	----	----
Titanium	7440-32-6	E440/VA	1.0	mg/kg	272	426	----	----	----	----
Tungsten	7440-33-7	E440/VA	0.50	mg/kg	15.2	11.8	----	----	----	----
Uranium	7440-61-1	E440/VA	0.050	mg/kg	1.68	1.64	----	----	----	----
Vanadium	7440-62-2	E440/VA	0.20	mg/kg	38.8	30.7	----	----	----	----
Zinc	7440-66-6	E440/VA	2.0	mg/kg	7410	2670	----	----	----	----
Zirconium	7440-67-7	E440/VA	1.0	mg/kg	2.4	2.8	----	----	----	----
TCLP Metals										
pH, TCLP 1st preliminary	----	EPP444/VA	0.010	pH units	11.41	11.42	----	----	----	----
pH, TCLP 2nd preliminary	----	EPP444/VA	0.010	pH units	5.92	5.21	----	----	----	----
pH, TCLP extraction fluid initial	----	EPP444/VA	0.010	pH units	2.84	2.84	----	----	----	----
pH, TCLP final	----	EPP444/VA	0.010	pH units	6.92	6.75	----	----	----	----
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 2602-A-11	BA 2602-A-12	----	----	----
					Client sampling date / time	07-Jan-2026 12:00	07-Jan-2026 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA26A0700-011	VA26A0700-012	----	----	----	----
					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	1.87	1.91	----	----	----	----
Cadmium, TCLP	7440-43-9	E444/VA	0.050	mg/L	0.060	0.070	----	----	----	----
Calcium, TCLP	7440-70-2	E444/VA	10	mg/L	1950	1930	----	----	----	----
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	1.19	0.650	----	----	----	----
Copper, TCLP	7440-50-8	E444/VA	0.050	mg/L	0.829	0.916	----	----	----	----
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	133	126	----	----	----	----
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	0.35	----	----	----	----
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	8.72	12.3	----	----	----	----
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

Work Order	: VA26A0700	Page	: 1 of 16
Client	: Veolia Environmental Services Canada	Laboratory	: ALS Environmental - Vancouver
Contact	: Darcie Grace	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	: 13-Jan-2026 12:25
PO	: 1000497676	Issue Date	: 19-Jan-2026 12:33
C-O-C number	: ----		
Sampler	: ----		
Site	: Metro Van Ash Sampling Program		
Quote number	: VA25-VIS100-001		
No. of samples received	: 12		
No. of samples analysed	: 12		

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 Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- Method Blank value outliers occur - please see following pages for full details.
- 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
Method Blank (MB) Values								
Metals	QC-MRG2-2418326 001	----	Calcium	7440-70-2	E440	79 mg/kg ^B	50 mg/kg	Blank result exceeds permitted value
Metals	QC-MRG2-2418326 001	----	Copper	7440-50-8	E440	1.84 ^B mg/kg	0.5 mg/kg	Blank result exceeds permitted value

Result Qualifiers

Qualifier Description

B Method Blank exceeds ALS DQO. Associated sample results which are < Limit of Reporting or > 5 times blank level are considered reliable.

Duplicate (DUP) RPDs								
Metals	VA26A0700-001	BA 2602-A-1	Cobalt	7440-48-4	E440	109 % ^{DUP-H}	30%	Duplicate RPD does not meet the DQO for this test.
Metals	VA26A0700-001	BA 2602-A-1	Copper	7440-50-8	E440	125 % ^{DUP-H}	30%	Duplicate RPD does not meet the DQO for this test.
Metals	VA26A0700-001	BA 2602-A-1	Molybdenum	7439-98-7	E440	43.8 % ^{DUP-H}	40%	Duplicate RPD does not meet the DQO for this test.
Metals	VA26A0700-001	BA 2602-A-1	Silver	7440-22-4	E440	67.1 % ^{DUP-H}	40%	Duplicate RPD does not meet the DQO for this test.
Metals	VA26A0700-001	BA 2602-A-1	Titanium	7440-32-6	E440	46.2 % ^{DUP-H}	40%	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	Method	Sampling Date	Extraction / Preparation				Analysis			
Container / Client Sample ID(s)			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-1	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-10	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-11	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-12	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-2	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-3	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-4	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓



Matrix: Soil/Solid

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

<i>Analyte Group : Analytical Method</i>	<i>Method</i>	<i>Sampling Date</i>	<i>Extraction / Preparation</i>				<i>Analysis</i>			
Container / Client Sample ID(s)			<i>Preparation Date</i>	<i>Holding Times</i>		<i>Eval</i>	<i>Analysis Date</i>	<i>Holding Times</i>		<i>Eval</i>
				<i>Rec</i>	<i>Actual</i>			<i>Rec</i>	<i>Actual</i>	
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-5	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-6	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-7	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-8	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Mercury in Soil/Solid by CVAAS										
LDPE bag BA 2602-A-9	E510	07-Jan-2026	17-Jan-2026	28 days	10 days	✓	18-Jan-2026	28 days	1 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-1	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-10	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-11	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-12	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 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 2602-A-2	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-3	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-4	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-5	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-6	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-7	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-8	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS										
LDPE bag BA 2602-A-9	E440	07-Jan-2026	17-Jan-2026	180 days	10 days	✓	19-Jan-2026	180 days	10 days	✓
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-1	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	



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 2602-A-10	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-11	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-12	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-2	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-3	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-4	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-5	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-6	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-7	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	



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 2602-A-8	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : Moisture Content by Gravimetry										
LDPE bag BA 2602-A-9	E144	07-Jan-2026	----	----	----		15-Jan-2026	----	----	
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-1	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-10	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-11	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-12	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-2	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-3	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-4	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 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 2602-A-5	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-6	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-7	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-8	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
Physical Tests : pH by Meter (1:2 Soil:Water Extraction)										
LDPE bag BA 2602-A-9	E108	07-Jan-2026	17-Jan-2026	30 days	10 days	✓	17-Jan-2026	30 days	10 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-1	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-10	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-11	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-12	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 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 2602-A-2	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-3	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-4	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-5	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-6	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-7	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-8	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Mercury by CVAAS (TCLP)										
Glass vial - total (lab preserved) BA 2602-A-9	E512	15-Jan-2026	18-Jan-2026	36 days	11 days	✓	18-Jan-2026	36 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-1	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 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 2602-A-10	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-11	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-12	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-2	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-3	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-4	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-5	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-6	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-7	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 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 2602-A-8	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : Metals by CRC ICPMS (TCLP)										
HDPE - total (lab preserved) BA 2602-A-9	E444	15-Jan-2026	18-Jan-2026	188 days	11 days	✓	19-Jan-2026	188 days	11 days	✓
TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)										
Lab Split - Non-Volatile Leach: 28 day HT (e.g. Hg, CrVI, PFAS) BA 2602-A-1	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-10	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-11	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-12	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-2	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-3	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-4	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-5	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-6	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-7	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-8	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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 2602-A-9	EPP444	07-Jan-2026	15-Jan-2026	----	----		----	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	2418328	1	13	7.6	5.0	✔
Moisture Content by Gravimetry	E144	2418329	1	12	8.3	5.0	✔
Metals in Soil/Solid by CRC ICPMS	E440	2418327	1	13	7.6	5.0	✔
Metals by CRC ICPMS (TCLP)	E444	2421408	1	12	8.3	5.0	✔
Mercury in Soil/Solid by CVAAS	E510	2418326	1	13	7.6	5.0	✔
Mercury by CVAAS (TCLP)	E512	2421407	1	12	8.3	5.0	✔
Laboratory Control Samples (LCS)							
pH by Meter (1:2 Soil:Water Extraction)	E108	2418328	1	13	7.6	5.0	✔
Moisture Content by Gravimetry	E144	2418329	1	12	8.3	5.0	✔
Metals in Soil/Solid by CRC ICPMS	E440	2418327	2	13	15.3	10.0	✔
Mercury in Soil/Solid by CVAAS	E510	2418326	2	13	15.3	10.0	✔
Method Blanks (MB)							
Moisture Content by Gravimetry	E144	2418329	1	12	8.3	5.0	✔
Metals in Soil/Solid by CRC ICPMS	E440	2418327	1	13	7.6	5.0	✔
Metals by CRC ICPMS (TCLP)	E444	2421408	1	12	8.3	5.0	✔
Mercury in Soil/Solid by CVAAS	E510	2418326	1	13	7.6	5.0	✔
Mercury by CVAAS (TCLP)	E512	2421407	1	12	8.3	5.0	✔
Matrix Spikes (MS)							
Metals by CRC ICPMS (TCLP)	E444	2421408	1	12	8.3	5.0	✔
Mercury by CVAAS (TCLP)	E512	2421407	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 $20 \pm 5^{\circ}\text{C}$), and is carried out in accordance with procedures described in the BC Lab Manual (prescriptive method). The procedure involves mixing the dried (at $<60^{\circ}\text{C}$) 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 $<60^{\circ}\text{C}$) and sieved (No. 10 / 2mm) sample with deionized/distilled water at a 1:2 ratio of sediment to water.

Page : 16 of 16
 Work Order : VA26A0700
 Client : Veolia Environmental Services Canada
 Project : Veolia Weekly Bottom Ash-Suite



<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 : VA26A0700

Client : Veolia Environmental Services Canada
Contact : Darcie Grace
Address : 5150 Riverbend Dr.
Burnaby BC Canada V3N 4V3
Telephone : ----
Project : Veolia Weekly Bottom Ash-Suite
PO : 1000497676
C-O-C number : ----
Sampler : ----
Site : Metro Van Ash Sampling Program
Quote number : VA25-VISI100-001
No. of samples received : 12
No. of samples analysed : 12

Laboratory : ALS Environmental - Vancouver
Account Manager : Gulraj Dhanaa
Address : 8081 Lougheed Highway
Burnaby British Columbia Canada V5A 1W9
Telephone : +1 604 253 4188
Date Samples Received : 13-Jan-2026 12:25
Date Analysis Commenced : 15-Jan-2026
Issue Date : 19-Jan-2026 12:34

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
- @ReferenceMaterial!
- 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.

Signatories	Position	Laboratory Department
Kevin Duarte	Supervisor - Metals ICP Instrumentation	Vancouver Metals, Burnaby, British Columbia
Kim Jensen	Department Manager - Metals	Vancouver Metals, Burnaby, British Columbia
Ophelia Chiu	Department Manager - Organics	Vancouver Organics, Burnaby, British Columbia
Robin Weeks	Supervisor - Organics Extractions	Vancouver Organics, 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

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: 2418328)											
VA26A0700-001	BA 2602-A-1	pH (1:2 soil:water)	----	E108	0.10	pH units	10.53	10.49	0.4 %	5%	---
Physical Tests(QC Lot: 2418329)											
VA26A0700-001	BA 2602-A-1	Moisture	----	E144	0.25	%	26.6	26.4	0.979 %	20%	---
Metals(QC Lot: 2418326)											
VA26A0700-001	BA 2602-A-1	Mercury	7439-97-6	E510	0.0500	mg/kg	<0.0500	<0.0500	0	Diff <2x LOR	---
Metals(QC Lot: 2418327)											
VA26A0700-001	BA 2602-A-1	Aluminum	7429-90-5	E440	50	mg/kg	48100	34300	33.7 %	40%	---
		Antimony	7440-36-0	E440	0.10	mg/kg	102	115	11.9 %	30%	---
		Arsenic	7440-38-2	E440	0.10	mg/kg	13.6	13.8	2.04 %	30%	---
		Barium	7440-39-3	E440	0.50	mg/kg	739	643	14.0 %	40%	---
		Beryllium	7440-41-7	E440	0.10	mg/kg	0.39	0.41	0.02	Diff <2x LOR	---
		Bismuth	7440-69-9	E440	0.20	mg/kg	4.94	5.56	11.8 %	30%	---
		Boron	7440-42-8	E440	5.0	mg/kg	167	207	21.8 %	30%	---
		Cadmium	7440-43-9	E440	0.020	mg/kg	6.28	6.17	1.72 %	30%	---
		Calcium	7440-70-2	E440	50	mg/kg	138000	137000	0.894 %	30%	---
		Chromium	7440-47-3	E440	0.50	mg/kg	142	185	26.6 %	30%	---
		Cobalt	7440-48-4	E440	0.10	mg/kg	50.8	172	109 %	30%	DUP-H
		Copper	7440-50-8	E440	0.50	mg/kg	3650	15800	125 %	30%	DUP-H
		Iron	7439-89-6	E440	50	mg/kg	57700	58700	1.76 %	30%	---
		Lead	7439-92-1	E440	0.50	mg/kg	381	339	11.7 %	40%	---
		Lithium	7439-93-2	E440	2.0	mg/kg	35.5	43.3	19.8 %	30%	---
		Magnesium	7439-95-4	E440	20	mg/kg	13000	11900	8.80 %	30%	---
		Manganese	7439-96-5	E440	1.0	mg/kg	1070	1100	2.08 %	30%	---
		Molybdenum	7439-98-7	E440	0.10	mg/kg	20.7	32.3	43.8 %	40%	DUP-H
		Nickel	7440-02-0	E440	0.50	mg/kg	171	147	15.2 %	30%	---
		Phosphorus	7723-14-0	E440	50	mg/kg	12400	10700	14.9 %	30%	---
		Potassium	7440-09-7	E440	100	mg/kg	5500	6100	10.4 %	40%	---
		Selenium	7782-49-2	E440	0.20	mg/kg	0.33	0.29	0.04	Diff <2x LOR	---
		Silver	7440-22-4	E440	0.10	mg/kg	4.44	8.92	67.1 %	40%	DUP-H
		Sodium	7440-23-5	E440	50	mg/kg	16800	17900	6.57 %	40%	---
		Strontium	7440-24-6	E440	0.50	mg/kg	301	308	2.34 %	40%	---
		Sulfur	7704-34-9	E440	1000	mg/kg	10900	10800	0.849 %	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	113	133	16.4 %	40%	---



Sub-Matrix: Soil

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: 2418327)											
		Titanium	7440-32-6	E440	1.0	mg/kg	378	237	46.2 %	40%	DUP-H
		Tungsten	7440-33-7	E440	0.50	mg/kg	15.0	15.8	4.77 %	30%	---
		Uranium	7440-61-1	E440	0.050	mg/kg	1.60	1.58	1.43 %	30%	---
		Vanadium	7440-62-2	E440	0.20	mg/kg	30.4	31.8	4.61 %	30%	---
		Zinc	7440-66-6	E440	2.0	mg/kg	3180	3740	16.1 %	30%	---
		Zirconium	7440-67-7	E440	1.0	mg/kg	2.4	2.1	0.3	Diff <2x LOR	---
TCLP Metals(QC Lot: 2421407)											
VA26A0700-001	BA 2602-A-1	Mercury, TCLP	7439-97-6	E512	0.0010	mg/L	<0.0010	<0.0010	0	Diff <2x LOR	---
TCLP Metals(QC Lot: 2421408)											
VA26A0700-001	BA 2602-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	1.85	1.84	0.007	Diff <2x LOR	---
		Cadmium, TCLP	7440-43-9	E444	0.050	mg/L	0.111	0.112	0.0009	Diff <2x LOR	---
		Calcium, TCLP	7440-70-2	E444	10	mg/L	1900	1940	2.12 %	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	0.731	0.740	1.24 %	30%	---
		Copper, TCLP	7440-50-8	E444	0.050	mg/L	0.796	0.803	0.927 %	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	126	126	0.365 %	30%	---
		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	5.21	5.19	0.468 %	30%	---
		Zirconium, TCLP	7440-67-7	E444	10	mg/L	<10	<10	0	Diff <2x LOR	---

Qualifiers

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



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(QC Lot: 2418328)						
pH (1:2 soil:water)	----	E108	----	pH units	----	----
Physical Tests(QC Lot: 2418329)						
Moisture	----	E144	0.25	%	<0.25	----
Metals(QC Lot: 2418326)						
Mercury	7439-97-6	E510	0.005	mg/kg	<0.0050	----
Metals(QC Lot: 2418327)						
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	# 79	B
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	# 1.84	B
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	----
Titanium	7440-32-6	E440	1	mg/kg	<1.0	----



Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Metals(QC Lot: 2418327)						
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(QC Lot: 2421407)						
Mercury, TCLP	7439-97-6	E512	0.001	mg/L	<0.0010	----
TCLP Metals(QC Lot: 2421408)						
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	----

Qualifiers

Qualifier	Description
B	Method Blank exceeds ALS DQO. Associated sample results which are < Limit of Reporting or > 5 times blank level are considered reliable.

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

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Physical Tests(QC Lot: 2418328)									
pH (1:2 soil:water)	----	E108	----	pH units	6 pH units	100	95.0	105	----
Physical Tests(QC Lot: 2418329)									
Moisture	----	E144	0.25	%	50 %	101	90.0	110	----
Metals(QC Lot: 2418326)									
Mercury	7439-97-6	E510	0.005	mg/kg	0.1 mg/kg	95.8	80.0	120	----
Metals(QC Lot: 2418327)									
Aluminum	7429-90-5	E440	50	mg/kg	200 mg/kg	103	80.0	120	----
Antimony	7440-36-0	E440	0.1	mg/kg	100 mg/kg	110	80.0	120	----
Arsenic	7440-38-2	E440	0.1	mg/kg	100 mg/kg	104	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	101	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	101	80.0	120	----
Calcium	7440-70-2	E440	50	mg/kg	5000 mg/kg	99.0	80.0	120	----
Chromium	7440-47-3	E440	0.5	mg/kg	25 mg/kg	101	80.0	120	----
Cobalt	7440-48-4	E440	0.1	mg/kg	25 mg/kg	100	80.0	120	----
Copper	7440-50-8	E440	0.5	mg/kg	25 mg/kg	98.7	80.0	120	----
Iron	7439-89-6	E440	50	mg/kg	100 mg/kg	102	80.0	120	----
Lead	7439-92-1	E440	0.5	mg/kg	50 mg/kg	100	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	101	80.0	120	----
Manganese	7439-96-5	E440	1	mg/kg	25 mg/kg	101	80.0	120	----
Molybdenum	7439-98-7	E440	0.1	mg/kg	25 mg/kg	108	80.0	120	----
Nickel	7440-02-0	E440	0.5	mg/kg	50 mg/kg	99.2	80.0	120	----
Phosphorus	7723-14-0	E440	50	mg/kg	1000 mg/kg	110	80.0	120	----
Potassium	7440-09-7	E440	100	mg/kg	5000 mg/kg	102	80.0	120	----
Selenium	7782-49-2	E440	0.2	mg/kg	100 mg/kg	100	80.0	120	----
Silver	7440-22-4	E440	0.1	mg/kg	10 mg/kg	103	80.0	120	----
Sodium	7440-23-5	E440	50	mg/kg	5000 mg/kg	102	80.0	120	----
Strontium	7440-24-6	E440	0.5	mg/kg	25 mg/kg	107	80.0	120	----
Sulfur	7704-34-9	E440	1000	mg/kg	5000 mg/kg	101	80.0	120	----
Thallium	7440-28-0	E440	0.05	mg/kg	100 mg/kg	97.7	80.0	120	----
Tin	7440-31-5	E440	2	mg/kg	50 mg/kg	105	80.0	120	----
Titanium	7440-32-6	E440	1	mg/kg	25 mg/kg	103	80.0	120	----



Sub-Matrix: Soil

					Laboratory Control Sample (LCS) Report				
					<i>Spike</i>	<i>Recovery (%)</i>	<i>Recovery Limits (%)</i>		
<i>Analyte</i>	<i>CAS Number</i>	<i>Method</i>	<i>LOR</i>	<i>Unit</i>	<i>Target Concentration</i>	<i>LCS</i>	<i>Low</i>	<i>High</i>	<i>Qualifier</i>
Metals(QC Lot: 2418327)									
Tungsten	7440-33-7	E440	0.5	mg/kg	10 mg/kg	99.6	80.0	120	----
Uranium	7440-61-1	E440	0.05	mg/kg	0.5 mg/kg	104	80.0	120	----
Vanadium	7440-62-2	E440	0.2	mg/kg	50 mg/kg	102	80.0	120	----
Zinc	7440-66-6	E440	2	mg/kg	50 mg/kg	101	80.0	120	----
Zirconium	7440-67-7	E440	1	mg/kg	10 mg/kg	109	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

Sub-Matrix: Soil

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery (%)		Qualifier
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	
TCLP Metals(QC Lot: 2421407)										
VA26A0700-001	BA 2602-A-1	Mercury, TCLP	7439-97-6	E512	0.0029 mg/L	0.003 mg/L	98.0	50.0	140	---
TCLP Metals(QC Lot: 2421408)										
VA26A0700-001	BA 2602-A-1	Antimony, TCLP	7440-36-0	E444	4.97 mg/L	5 mg/L	99.4	50.0	140	---
		Arsenic, TCLP	7440-38-2	E444	4.9 mg/L	5 mg/L	97.6	50.0	140	---
		Barium, TCLP	7440-39-3	E444	12.0 mg/L	12.5 mg/L	96.2	50.0	140	---
		Beryllium, TCLP	7440-41-7	E444	0.236 mg/L	0.25 mg/L	94.2	50.0	140	---
		Boron, TCLP	7440-42-8	E444	9.32 mg/L	10 mg/L	93.2	50.0	140	---
		Cadmium, TCLP	7440-43-9	E444	0.248 mg/L	0.25 mg/L	99.3	50.0	140	---
		Calcium, TCLP	7440-70-2	E444	ND	----	ND	50.0	140	---
		Chromium, TCLP	7440-47-3	E444	1.17 mg/L	1.25 mg/L	93.3	50.0	140	---
		Cobalt, TCLP	7440-48-4	E444	ND	----	ND	50.0	140	---
		Copper, TCLP	7440-50-8	E444	2.27 mg/L	2.5 mg/L	90.7	50.0	140	---
		Iron, TCLP	7439-89-6	E444	230 mg/L	250 mg/L	91.9	50.0	140	---
		Lead, TCLP	7439-92-1	E444	9.07 mg/L	10 mg/L	90.7	50.0	140	---
		Magnesium, TCLP	7439-95-4	E444	245 mg/L	250 mg/L	97.9	50.0	140	---
		Nickel, TCLP	7440-02-0	E444	2.32 mg/L	2.5 mg/L	93.0	50.0	140	---
		Selenium, TCLP	7782-49-2	E444	4.90 mg/L	5 mg/L	98.1	50.0	140	---
		Silver, TCLP	7440-22-4	E444	0.093 mg/L	0.1 mg/L	93.2	50.0	140	---
		Thallium, TCLP	7440-28-0	E444	4.6 mg/L	5 mg/L	92.8	50.0	140	---
		Uranium, TCLP	7440-61-1	E444	4.46 mg/L	5 mg/L	89.2	50.0	150	---
		Vanadium, TCLP	7440-62-2	E444	0.72 mg/L	0.75 mg/L	95.5	50.0	140	---
		Zinc, TCLP	7440-66-6	E444	9.42 mg/L	10 mg/L	94.2	50.0	140	---
		Zirconium, TCLP	7440-67-7	E444	0.9 mg/L	1 mg/L	86.4	50.0	150	---

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: Soil

Sub-Matrix: Soil					Reference Material (RM) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Target Concentration	Original Result	LCS	Low	High	Qualifier
Metals(QC Lot: 2418326)										
QC-MRG2-2418326001		Mercury	7439-97-6	E510	0.0675 mg/kg	0.0675 mg/kg		70.0	130	----
Metals(QC Lot: 2418327)										
QC-MRG2-2418326001		Aluminum	7429-90-5	E440	22490 mg/kg	22490 mg/kg		70.0	130	----
		Antimony	7440-36-0	E440	24.8 mg/kg	24.8 mg/kg		70.0	130	----
		Arsenic	7440-38-2	E440	21.2 mg/kg	21.2 mg/kg		70.0	130	----
		Barium	7440-39-3	E440	788 mg/kg	788 mg/kg		70.0	130	----
		Beryllium	7440-41-7	E440	1.82 mg/kg	1.82 mg/kg		70.0	130	----
		Bismuth	7440-69-9	E440	1.78 mg/kg	1.78 mg/kg		70.0	130	----
		Cadmium	7440-43-9	E440	2.15 mg/kg	2.15 mg/kg		70.0	130	----
		Calcium	7440-70-2	E440	4904 mg/kg	4904 mg/kg		70.0	130	----
		Chromium	7440-47-3	E440	56.9 mg/kg	56.9 mg/kg		70.0	130	----
		Cobalt	7440-48-4	E440	32 mg/kg	32 mg/kg		70.0	130	----
		Copper	7440-50-8	E440	969 mg/kg	969 mg/kg		70.0	130	----
		Iron	7439-89-6	E440	32740 mg/kg	32740 mg/kg		70.0	130	----
		Lead	7439-92-1	E440	919 mg/kg	919 mg/kg		70.0	130	----
		Lithium	7439-93-2	E440	47.3 mg/kg	47.3 mg/kg		70.0	130	----
		Magnesium	7439-95-4	E440	7780 mg/kg	7780 mg/kg		70.0	130	----
		Manganese	7439-96-5	E440	8639 mg/kg	8639 mg/kg		70.0	130	----
		Molybdenum	7439-98-7	E440	25.1 mg/kg	25.1 mg/kg		70.0	130	----
		Nickel	7440-02-0	E440	1004 mg/kg	1004 mg/kg		70.0	130	----
		Phosphorus	7723-14-0	E440	660 mg/kg	660 mg/kg		70.0	130	----
		Potassium	7440-09-7	E440	10820 mg/kg	10820 mg/kg		70.0	130	----
		Selenium	7782-49-2	E440	1.04 mg/kg	1.04 mg/kg		60.0	140	----



Sub-Matrix: Soil

Sub-Matrix: Soil					Reference Material (RM) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Target Concentration	Original Result	LCS	Low	High	Qualifier
Metals(QC Lot: 2418327)										
		Silver	7440-22-4	E440	8.98 mg/kg	8.98 mg/kg		70.0	130	----
		Sodium	7440-23-5	E440	1771 mg/kg	1771 mg/kg		70.0	130	----
		Strontium	7440-24-6	E440	41 mg/kg	41 mg/kg		70.0	130	----
		Sulfur	7704-34-9	E440	3935 mg/kg	3935 mg/kg		50.0	150	----
		Thallium	7440-28-0	E440	0.907 mg/kg	0.907 mg/kg		70.0	130	----
		Tin	7440-31-5	E440	3.79 mg/kg	3.79 mg/kg		40.0	160	----
		Titanium	7440-32-6	E440	2786 mg/kg	2786 mg/kg		70.0	130	----
		Tungsten	7440-33-7	E440	6.99 mg/kg	6.99 mg/kg		70.0	130	----
		Uranium	7440-61-1	E440	3.97 mg/kg	3.97 mg/kg		70.0	130	----
		Vanadium	7440-62-2	E440	66.2 mg/kg	66.2 mg/kg		70.0	130	----
		Zinc	7440-66-6	E440	828 mg/kg	828 mg/kg		70.0	130	----
		Zirconium	7440-67-7	E440	6.91 mg/kg	6.91 mg/kg		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: Darcie Grace / Ramy Ghanem																	
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: ramy.ghanem@veolia.com		Analysis Request													
		brent.kirkpatrick@metrovanvancouver.org															
		Sarah.Wellman@metrovanvancouver.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 x209 Fax:		Quote #:															
Lab Work Order # A0700 (lab use only)		ALS Contact:		Sampler:													
Sample #	Sample Identification (This description will appear on the report)	Date (dd-mm-yy)	Time (hh:mm)	Sample Type	MET-TCLP-VA (all metals, Hg)	MOISTURE	Chromium 6	MET-CSR+FULL-VA (all metals)							Number of Containers		
	BA 2602-A-1	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-2	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-3	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-4	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-5	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-6	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-7	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-8	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-9	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-10	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-11	7 Jan 2026	12:00	Soil	X	X		X							1		
	BA 2602-A-12	7 Jan 2026	12:00	Soil	X	X		X							1		
water Aquatic																	
m may delay es with the Ter numbers and																	
JT RELEASE (67)																	
SHIPMENT RECEPTION (lab use only)																	
Released by:		Date (dd-mm-yy): 13/01/26	Time (hh-mm): 09:10	Received by: RD	Date: 13 Jan 26	Time: 12:25pm	Temperature: 18° C	SHIPMENT VERIFICATION (lab use only)									
								Verified by:	Date:	Time:	Observations: Yes / No ? If Yes add SIF						

Bottom Ash Sampling**Bottom Ash Worksheet**

Date sample composited (DD/MM/YYYY)	Jun 4 → 10 / 2026
Person doing the sampling	Steve M.
Total Sample Weight before processing, kg	29.66 kg
Weight of Material >3/8", kg	8.09 kg
Weight of Material that cannot be processed to <3/8" (metal, wood, etc), kg	6.28 kg
Final Total weight of Processed Bottom Ash, kg	23.38 kg

Return this form with the filled Weekly Bottom Ash Composite Sample containers

Fill twelve bags with approximately 2000g of mixed bottom ash and label each with "Bottom Ash" and the week the ash composite is from, i.e. "June 9-15, 2019"