



LAB CHRONICLE

OrderID:	Q3376	OrderDate:	10/17/2025 10:34:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC -
Contact:	Rob Forstner	Location:	DOCK 305 Ref #206 Soil, VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3376-07	PR132-FB01-20251016	Water			10/16/25			10/16/25
			Mercury	7470A		10/20/25	10/20/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.:	Q3376	Order ID:	Q3376
Client:	AECOM	Project ID:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-FB01-20251016								
Q3376-07	PR132-FB01-20251016	Water	Aluminum	12.5	J	5.67	50.0	ug/L
Q3376-07	PR132-FB01-20251016	Water	Iron	11.7	J	11.7	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-FB01-20251016
Lab Sample ID: Q3376-07
Level (low/med): low

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12.5	J	1	5.67	50.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-36-0	Antimony	25.0	U	1	3.38	25.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-38-2	Arsenic	10.0	U	1	2.56	10.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-39-3	Barium	50.0	U	1	7.28	50.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-41-7	Beryllium	3.00	UN	1	0.28	3.00	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-43-9	Cadmium	3.00	UNQ1		0.25	3.00	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-70-2	Calcium	1000	U	1	117	1000	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-47-3	Chromium	5.00	U	1	1.06	5.00	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-48-4	Cobalt	15.0	U	1	1.13	15.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-50-8	Copper	10.0	U	1	2.30	10.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7439-89-6	Iron	11.7	J	1	11.7	50.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7439-92-1	Lead	6.00	UN	1	1.15	6.00	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7439-95-4	Magnesium	1000	U	1	122	1000	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7439-96-5	Manganese	10.0	U	1	2.97	10.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7439-97-6	Mercury	0.20	UN	1	0.076	0.20	ug/L	10/20/25 09:30	10/20/25 12:25	7470A	7470A
7440-02-0	Nickel	20.0	U	1	1.53	20.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-09-7	Potassium	1000	U	1	459	1000	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7782-49-2	Selenium	10.0	U	1	4.82	10.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-22-4	Silver	5.00	U	1	0.81	5.00	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-23-5	Sodium	1000	U	1	434	1000	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-28-0	Thallium	20.0	UN	1	2.19	20.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-62-2	Vanadium	20.0	U	1	3.13	20.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010
7440-66-6	Zinc	20.0	U	1	8.33	20.0	ug/L	10/21/25 16:10	10/21/25 18:40	6010D	SW3010

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV78	Mercury	4.20	4.0	105	90 - 110	CV	10/20/2025	12:01	LB137583

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV54	Mercury	5.12	5.0	102	90 - 110	CV	10/20/2025	12:06	LB137583
CCV55	Mercury	5.24	5.0	105	90 - 110	CV	10/20/2025	12:41	LB137583
CCV56	Mercury	4.86	5.0	97	90 - 110	CV	10/20/2025	12:58	LB137583

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7550	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Antimony	3880	4000	97	90 - 110	P	10/21/2025	12:40	LB137613
	Arsenic	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Barium	7500	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Beryllium	194	200	97	90 - 110	P	10/21/2025	12:40	LB137613
	Cadmium	1890	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Calcium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Chromium	784	800	98	90 - 110	P	10/21/2025	12:40	LB137613
	Cobalt	1900	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Copper	976	1000	98	90 - 110	P	10/21/2025	12:40	LB137613
	Iron	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Lead	3700	4000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Magnesium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Manganese	1860	2000	93	90 - 110	P	10/21/2025	12:40	LB137613
	Nickel	1910	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Potassium	18900	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Selenium	3850	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Silver	956	1000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Sodium	18300	20000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Thallium	3840	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Vanadium	1880	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Zinc	1920	2000	96	90 - 110	P	10/21/2025	12:40	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	10/21/2025	12:44	LB137613
	Antimony	52.1	50.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Arsenic	20.1	20.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Barium	95.0	100	95	80 - 120	P	10/21/2025	12:44	LB137613
	Beryllium	6.21	6.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Cadmium	5.68	6.0	95	80 - 120	P	10/21/2025	12:44	LB137613
	Calcium	1990	2000	100	80 - 120	P	10/21/2025	12:44	LB137613
	Chromium	9.98	10.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Cobalt	28.8	30.0	96	80 - 120	P	10/21/2025	12:44	LB137613
	Copper	21.5	20.0	107	80 - 120	P	10/21/2025	12:44	LB137613
	Iron	109	100	109	80 - 120	P	10/21/2025	12:44	LB137613
	Lead	11.0	12.0	92	80 - 120	P	10/21/2025	12:44	LB137613
	Magnesium	2060	2000	103	80 - 120	P	10/21/2025	12:44	LB137613
	Manganese	19.7	20.0	98	80 - 120	P	10/21/2025	12:44	LB137613
	Nickel	38.9	40.0	97	80 - 120	P	10/21/2025	12:44	LB137613
	Potassium	1980	2000	99	80 - 120	P	10/21/2025	12:44	LB137613
	Selenium	23.1	20.0	115	80 - 120	P	10/21/2025	12:44	LB137613
	Silver	10.3	10.0	103	80 - 120	P	10/21/2025	12:44	LB137613
	Sodium	1790	2000	90	80 - 120	P	10/21/2025	12:44	LB137613
	Thallium	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Vanadium	34.8	40.0	87	80 - 120	P	10/21/2025	12:44	LB137613
	Zinc	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM
Contract: AECO02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3376
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9780	10000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Antimony	4830	5000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Barium	9660	10000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Beryllium	242	250	97	90 - 110	P	10/21/2025	13:45	LB137613
	Cadmium	2420	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Calcium	24200	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Chromium	976	1000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Cobalt	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	13:45	LB137613
	Iron	4750	5000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Lead	4800	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Magnesium	24300	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Nickel	2410	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Potassium	23800	25000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Selenium	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	13:45	LB137613
	Sodium	23900	25000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Thallium	5230	5000	104	90 - 110	P	10/21/2025	13:45	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
CCV02	Aluminum	9530	10000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Antimony	4980	5000	100	90 - 110	P	10/21/2025	15:03	LB137613
	Arsenic	4830	5000	97	90 - 110	P	10/21/2025	15:03	LB137613
	Barium	9800	10000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Beryllium	227	250	91	90 - 110	P	10/21/2025	15:03	LB137613
	Cadmium	2310	2500	92	90 - 110	P	10/21/2025	15:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Cobalt	2340	2500	94	90 - 110	P	10/21/2025	15:03	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Iron	4910	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Lead	4660	5000	93	90 - 110	P	10/21/2025	15:03	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23200	25000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	15:03	LB137613
	Potassium	24700	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Selenium	4920	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Sodium	24800	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Thallium	4950	5000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	15:03	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
CCV03	Aluminum	9580	10000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	15:56	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Barium	9710	10000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Beryllium	233	250	93	90 - 110	P	10/21/2025	15:56	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	15:56	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	15:56	LB137613
	Chromium	941	1000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Iron	4850	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Magnesium	23400	25000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:56	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Potassium	25200	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Sodium	25300	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Thallium	5060	5000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
	Zinc	2390	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
CCV04	Aluminum	9280	10000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Antimony	4870	5000	98	90 - 110	P	10/21/2025	16:48	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Barium	9490	10000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Beryllium	232	250	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cadmium	2300	2500	92	90 - 110	P	10/21/2025	16:48	LB137613
	Calcium	23200	25000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cobalt	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Copper	1190	1250	96	90 - 110	P	10/21/2025	16:48	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Lead	4640	5000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Magnesium	22900	25000	92	90 - 110	P	10/21/2025	16:48	LB137613
	Manganese	2350	2500	94	90 - 110	P	10/21/2025	16:48	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Selenium	4830	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	16:48	LB137613
	Sodium	24000	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Thallium	4900	5000	98	90 - 110	P	10/21/2025	16:48	LB137613
	Vanadium	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Zinc	2400	2500	96	90 - 110	P	10/21/2025	16:48	LB137613
CCV05	Aluminum	9540	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Antimony	5030	5000	101	90 - 110	P	10/21/2025	17:37	LB137613
	Arsenic	4900	5000	98	90 - 110	P	10/21/2025	17:37	LB137613
	Barium	9470	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	17:37	LB137613
	Cadmium	2370	2500	95	90 - 110	P	10/21/2025	17:37	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Chromium	964	1000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Cobalt	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	17:37	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	17:37	LB137613
	Lead	4780	5000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	17:37	LB137613
	Manganese	2360	2500	94	90 - 110	P	10/21/2025	17:37	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM
Contract: AECO02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3376
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Potassium	23700	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Selenium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	17:37	LB137613
	Sodium	23100	25000	92	90 - 110	P	10/21/2025	17:37	LB137613
	Thallium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	17:37	LB137613
CCV06	Aluminum	9220	10000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Barium	9370	10000	94	90 - 110	P	10/21/2025	18:27	LB137613
	Beryllium	226	250	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cadmium	2270	2500	91	90 - 110	P	10/21/2025	18:27	LB137613
	Calcium	23000	25000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Chromium	905	1000	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cobalt	2310	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Copper	1180	1250	95	90 - 110	P	10/21/2025	18:27	LB137613
	Iron	4730	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Lead	4610	5000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Magnesium	22800	25000	91	90 - 110	P	10/21/2025	18:27	LB137613
	Manganese	2330	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Nickel	2300	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	18:27	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Silver	1170	1250	94	90 - 110	P	10/21/2025	18:27	LB137613
	Sodium	24400	25000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Thallium	4850	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Vanadium	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Zinc	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
CCV07	Aluminum	9650	10000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	19:18	LB137613
	Arsenic	4770	5000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Barium	9640	10000	96	90 - 110	P	10/21/2025	19:18	LB137613

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM
Contract: AECO02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3376
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	236	250	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cadmium	2320	2500	93	90 - 110	P	10/21/2025	19:18	LB137613
	Calcium	24100	25000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Chromium	945	1000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cobalt	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Copper	1200	1250	96	90 - 110	P	10/21/2025	19:18	LB137613
	Iron	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Magnesium	23800	25000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	19:18	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Potassium	23500	25000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Selenium	4850	5000	97	90 - 110	P	10/21/2025	19:18	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	19:18	LB137613
	Sodium	22700	25000	91	90 - 110	P	10/21/2025	19:18	LB137613
	Thallium	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	19:18	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	19:18	LB137613
CCV08	Aluminum	9520	10000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Antimony	5000	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Arsenic	4850	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Barium	9610	10000	96	90 - 110	P	10/21/2025	20:03	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	20:03	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	20:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Chromium	915	1000	92	90 - 110	P	10/21/2025	20:03	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Copper	1210	1250	97	90 - 110	P	10/21/2025	20:03	LB137613
	Iron	4830	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Lead	4730	5000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Potassium	23100	25000	93	90 - 110	P	10/21/2025	20:03	LB137613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4970	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	20:03	LB137613
	Sodium	23300	25000	93	90 - 110	P	10/21/2025	20:03	LB137613
	Thallium	5050	5000	101	90 - 110	P	10/21/2025	20:03	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Zinc	2340	2500	94	90 - 110	P	10/21/2025	20:03	LB137613

Metals

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CRDL STANDARD FOR AA & ICP

Client: AECOM SDG No.: Q3376
Contract: AECO02 Lab Code: ACE
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	108	70 - 130	CV	10/20/2025	12:10	LB137583
CRI01	Aluminum	110	100	110	65 - 135	P	10/21/2025	12:54	LB137613
	Antimony	49.9	50.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Arsenic	22.2	20.0	111	65 - 135	P	10/21/2025	12:54	LB137613
	Barium	98.1	100	98	65 - 135	P	10/21/2025	12:54	LB137613
	Beryllium	6.23	6.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Cadmium	5.59	6.0	93	65 - 135	P	10/21/2025	12:54	LB137613
	Calcium	2030	2000	101	65 - 135	P	10/21/2025	12:54	LB137613
	Chromium	9.94	10.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Cobalt	28.8	30.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Copper	21.6	20.0	108	65 - 135	P	10/21/2025	12:54	LB137613
	Iron	107	100	107	65 - 135	P	10/21/2025	12:54	LB137613
	Lead	11.9	12.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Magnesium	2090	2000	105	65 - 135	P	10/21/2025	12:54	LB137613
	Manganese	20.9	20.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Nickel	38.6	40.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Potassium	1860	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Selenium	24.3	20.0	121	65 - 135	P	10/21/2025	12:54	LB137613
	Silver	9.95	10.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Sodium	1870	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Thallium	42.8	40.0	107	65 - 135	P	10/21/2025	12:54	LB137613
	Vanadium	35.6	40.0	89	65 - 135	P	10/21/2025	12:54	LB137613
	Zinc	41.9	40.0	105	65 - 135	P	10/21/2025	12:54	LB137613



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

AECOM

SDG No.:

Q3376

Contract:

AECO02

Lab Code:

ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB78	Mercury	0.076	+/-0.2	U	0.20	CV	10/20/2025	12:03	LB137583

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	10/20/2025	12:08	LB137583
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	10/20/2025	12:43	LB137583
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	10/20/2025	13:00	LB137583

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM **SDG No.:** Q3376
Contract: AECO02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	10/21/2025	12:50	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	12:50	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	12:50	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	12:50	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	12:50	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	12:50	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	12:50	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	12:50	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	12:50	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	12:50	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	12:50	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	12:50	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	12:50	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	12:50	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	12:50	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	12:50	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	12:50	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	12:50	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	12:50	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	12:50	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	12:50	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	12:50	LB137613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM **SDG No.:** Q3376
Contract: AECO02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/21/2025	13:54	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	13:54	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	13:54	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	13:54	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	13:54	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	13:54	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	13:54	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	13:54	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	13:54	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	13:54	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	13:54	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	13:54	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	13:54	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	13:54	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	13:54	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	13:54	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	13:54	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	13:54	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	13:54	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	13:54	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	13:54	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	13:54	LB137613
CCB02	Aluminum	11.3	+/-50	U	100	P	10/21/2025	15:07	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	15:07	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	15:07	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	15:07	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	15:07	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	15:07	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	15:07	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	15:07	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	15:07	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	15:07	LB137613
	Iron	36.0	+/-50	J	100	P	10/21/2025	15:07	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	15:07	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	15:07	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	15:07	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	15:07	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	15:07	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	15:07	LB137613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/21/2025	15:07	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	15:07	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	15:07	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	15:07	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	15:07	LB137613
CCB03	Aluminum	41.4	+/-50	J	100	P	10/21/2025	16:00	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	16:00	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	16:00	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	16:00	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	16:00	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	16:00	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	16:00	LB137613
	Chromium	2.83	+/-5	J	10.0	P	10/21/2025	16:00	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	16:00	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	16:00	LB137613
	Iron	43.3	+/-50	J	100	P	10/21/2025	16:00	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	16:00	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	16:00	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	16:00	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	16:00	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	16:00	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	16:00	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	16:00	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	16:00	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	16:00	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	16:00	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	16:00	LB137613
CCB04	Aluminum	11.3	+/-50	U	100	P	10/21/2025	16:52	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	16:52	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	16:52	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	16:52	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	16:52	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	16:52	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	16:52	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	16:52	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	16:52	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	16:52	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	16:52	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	16:52	LB137613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/21/2025	16:52	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	16:52	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	16:52	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	16:52	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	16:52	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	16:52	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	16:52	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	16:52	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	16:52	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	16:52	LB137613
CCB05	Aluminum	16.1	+/-50	J	100	P	10/21/2025	17:41	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	17:41	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	17:41	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	17:41	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	17:41	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	17:41	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	17:41	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	17:41	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	17:41	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	17:41	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	17:41	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	17:41	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	17:41	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	17:41	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	17:41	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	17:41	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	17:41	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	17:41	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	17:41	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	17:41	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	17:41	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	17:41	LB137613
CCB06	Aluminum	11.4	+/-50	J	100	P	10/21/2025	18:31	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	18:31	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	18:31	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	18:31	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	18:31	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	18:31	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	18:31	LB137613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM **SDG No.:** Q3376
Contract: AECO02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	18:31	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	18:31	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	18:31	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	18:31	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	18:31	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	18:31	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	18:31	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	18:31	LB137613
	Potassium	956	+/-1000	J	2000	P	10/21/2025	18:31	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	18:31	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	18:31	LB137613
	Sodium	1000	+/-1000	J	2000	P	10/21/2025	18:31	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	18:31	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	18:31	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	18:31	LB137613
CCB07	Aluminum	11.3	+/-50	U	100	P	10/21/2025	19:22	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	19:22	LB137613
	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	19:22	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	19:22	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	19:22	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	19:22	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	19:22	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	19:22	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	19:22	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	19:22	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	19:22	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	19:22	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	19:22	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	19:22	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	19:22	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	19:22	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	19:22	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	19:22	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	19:22	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	19:22	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	19:22	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	19:22	LB137613
CCB08	Aluminum	11.3	+/-50	U	100	P	10/21/2025	20:07	LB137613
	Antimony	6.76	+/-25	U	50.0	P	10/21/2025	20:07	LB137613

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: AECOM **SDG No.:** Q3376
Contract: AECO02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	10/21/2025	20:07	LB137613
	Barium	14.6	+/-50	U	100	P	10/21/2025	20:07	LB137613
	Beryllium	0.56	+/-3	U	6.00	P	10/21/2025	20:07	LB137613
	Cadmium	0.50	+/-3	U	6.00	P	10/21/2025	20:07	LB137613
	Calcium	234	+/-1000	U	2000	P	10/21/2025	20:07	LB137613
	Chromium	2.12	+/-5	U	10.0	P	10/21/2025	20:07	LB137613
	Cobalt	2.26	+/-15	U	30.0	P	10/21/2025	20:07	LB137613
	Copper	4.60	+/-10	U	20.0	P	10/21/2025	20:07	LB137613
	Iron	23.4	+/-50	U	100	P	10/21/2025	20:07	LB137613
	Lead	2.30	+/-6	U	12.0	P	10/21/2025	20:07	LB137613
	Magnesium	244	+/-1000	U	2000	P	10/21/2025	20:07	LB137613
	Manganese	5.94	+/-10	U	20.0	P	10/21/2025	20:07	LB137613
	Nickel	3.06	+/-20	U	40.0	P	10/21/2025	20:07	LB137613
	Potassium	918	+/-1000	U	2000	P	10/21/2025	20:07	LB137613
	Selenium	9.64	+/-10	U	20.0	P	10/21/2025	20:07	LB137613
	Silver	1.62	+/-5	U	10.0	P	10/21/2025	20:07	LB137613
	Sodium	868	+/-1000	U	2000	P	10/21/2025	20:07	LB137613
	Thallium	4.38	+/-20	U	40.0	P	10/21/2025	20:07	LB137613
	Vanadium	6.26	+/-20	U	40.0	P	10/21/2025	20:07	LB137613
	Zinc	16.7	+/-20	U	40.0	P	10/21/2025	20:07	LB137613

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3376

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170157BL		WATER		Batch Number:	PB170157		Prep Date:	10/20/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/20/2025	12:20	LB137583

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: AECOM

SDG No.: Q3376

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170192BL	WATER			Batch Number:	PB170192		Prep Date:	10/21/2025	
	Aluminum	5.67	<25	U	50.0	P	10/21/2025	17:28	LB137613
	Antimony	3.38	<12.5	U	25.0	P	10/21/2025	17:28	LB137613
	Arsenic	2.56	<5	U	10.0	P	10/21/2025	17:28	LB137613
	Barium	7.28	<25	U	50.0	P	10/21/2025	17:28	LB137613
	Beryllium	0.28	<1.5	U	3.00	P	10/21/2025	17:28	LB137613
	Cadmium	0.25	<1.5	U	3.00	P	10/21/2025	17:28	LB137613
	Calcium	117	<500	U	1000	P	10/21/2025	17:28	LB137613
	Chromium	1.06	<2.5	U	5.00	P	10/21/2025	17:28	LB137613
	Cobalt	1.13	<7.5	U	15.0	P	10/21/2025	17:28	LB137613
	Copper	2.30	<5	U	10.0	P	10/21/2025	17:28	LB137613
	Iron	11.7	<25	U	50.0	P	10/21/2025	17:28	LB137613
	Lead	1.15	<3	U	6.00	P	10/21/2025	17:28	LB137613
	Magnesium	122	<500	U	1000	P	10/21/2025	17:28	LB137613
	Manganese	2.97	<5	U	10.0	P	10/21/2025	17:28	LB137613
	Nickel	1.53	<10	U	20.0	P	10/21/2025	17:28	LB137613
	Potassium	459	<500	U	1000	P	10/21/2025	17:28	LB137613
	Selenium	4.82	<5	U	10.0	P	10/21/2025	17:28	LB137613
	Silver	0.81	<2.5	U	5.00	P	10/21/2025	17:28	LB137613
	Sodium	434	<500	U	1000	P	10/21/2025	17:28	LB137613
	Thallium	2.19	<10	U	20.0	P	10/21/2025	17:28	LB137613
	Vanadium	3.13	<10	U	20.0	P	10/21/2025	17:28	LB137613
	Zinc	8.33	<10	U	20.0	P	10/21/2025	17:28	LB137613

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>AECOM</u>	SDG No.: <u>Q3376</u>
Contract: <u>AECO02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Antimony	-1.70			-50	50	10/21/2025	12:59	LB137613
	Arsenic	7.43			-20	20	10/21/2025	12:59	LB137613
	Barium	0.21	6.0	4	-94	106	10/21/2025	12:59	LB137613
	Beryllium	1.68			-6	6	10/21/2025	12:59	LB137613
	Cadmium	1.42	1.0	142	-5	7	10/21/2025	12:59	LB137613
	Calcium	219000	245000	89	208000	282000	10/21/2025	12:59	LB137613
	Chromium	43.7	52.0	84	42	62	10/21/2025	12:59	LB137613
	Cobalt	1.87			-30	30	10/21/2025	12:59	LB137613
	Copper	17.8	2.0	890	-18	22	10/21/2025	12:59	LB137613
	Iron	91400	101000	90	85600	116500	10/21/2025	12:59	LB137613
	Lead	-3.56			-12	12	10/21/2025	12:59	LB137613
	Magnesium	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Manganese	5.70	7.0	81	-13	27	10/21/2025	12:59	LB137613
	Nickel	3.80	2.0	190	-38	42	10/21/2025	12:59	LB137613
	Potassium	251			0	0	10/21/2025	12:59	LB137613
	Selenium	6.37			-20	20	10/21/2025	12:59	LB137613
	Silver	-2.89			-10	10	10/21/2025	12:59	LB137613
	Sodium	51.5			0	0	10/21/2025	12:59	LB137613
	Thallium	15.4			-40	40	10/21/2025	12:59	LB137613
	Vanadium	3.58			-40	40	10/21/2025	12:59	LB137613
	Zinc	3.44			-40	40	10/21/2025	12:59	LB137613
ICSAB01	Aluminum	242000	247000	98	209000	285000	10/21/2025	13:03	LB137613
	Antimony	578	618	94	525	711	10/21/2025	13:03	LB137613
	Arsenic	103	104	99	88.4	120	10/21/2025	13:03	LB137613
	Barium	471	537	88	437	637	10/21/2025	13:03	LB137613
	Beryllium	498	495	101	420	570	10/21/2025	13:03	LB137613
	Cadmium	974	972	100	826	1120	10/21/2025	13:03	LB137613
	Calcium	228000	235000	97	199000	271000	10/21/2025	13:03	LB137613
	Chromium	536	542	99	460	624	10/21/2025	13:03	LB137613
	Cobalt	490	476	103	404	548	10/21/2025	13:03	LB137613
	Copper	479	511	94	434	588	10/21/2025	13:03	LB137613
	Iron	97500	99300	98	84400	114500	10/21/2025	13:03	LB137613
	Lead	45.8	49.0	94	37	61	10/21/2025	13:03	LB137613
	Magnesium	242000	248000	98	210000	286000	10/21/2025	13:03	LB137613
	Manganese	469	507	92	430	584	10/21/2025	13:03	LB137613
	Nickel	973	954	102	810	1100	10/21/2025	13:03	LB137613
	Potassium	242			0	0	10/21/2025	13:03	LB137613
	Selenium	55.1	46.0	120	26	66	10/21/2025	13:03	LB137613
	Silver	203	201	101	170	232	10/21/2025	13:03	LB137613
	Sodium	95.7			0	0	10/21/2025	13:03	LB137613
	Thallium	110	108	102	68	148	10/21/2025	13:03	LB137613

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>AECOM</u>	SDG No.: <u>Q3376</u>
Contract: <u>AECO02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	469	491	96	417	565	10/21/2025	13:03	LB137613
	Zinc	1020	952	107	809	1095	10/21/2025	13:03	LB137613



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: AECOM **level:** low **sdg no.:** Q3376
contract: AECO02 **lab code:** ACE
matrix: Water **sample id:** Q3370-01 **client id:** WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA **Spiked ID:** Q3370-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1590		663		1000	93		P
Antimony	ug/L	75 - 125	396		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	382		10.0	U	400	96		P
Barium	ug/L	75 - 125	115		23.9	J	100	91		P
Beryllium	ug/L	75 - 125	85.9		3.00	U	100	86		P
Cadmium	ug/L	75 - 125	87.9		3.00	U	100	88		P
Calcium	ug/L	75 - 125	26000		25100		500	182		P
Chromium	ug/L	75 - 125	202		15.2		200	93		P
Cobalt	ug/L	75 - 125	91.5		15.0	U	100	92		P
Copper	ug/L	75 - 125	157		17.7		150	93		P
Iron	ug/L	75 - 125	1660		185		1500	98		P
Lead	ug/L	75 - 125	423		6.00	U	500	85		P
Magnesium	ug/L	75 - 125	9690		8620		1000	107		P
Manganese	ug/L	75 - 125	101		10.6		100	90		P
Nickel	ug/L	75 - 125	244		16.9	J	250	91		P
Potassium	ug/L	75 - 125	16600		11700		5000	98		P
Selenium	ug/L	75 - 125	958		10.0	U	1000	96		P
Silver	ug/L	75 - 125	33.2		5.00	U	37.5	88		P
Sodium	ug/L	75 - 125	102000		101000		1500	37		P
Thallium	ug/L	75 - 125	828		20.0	U	1000	83		P
Vanadium	ug/L	75 - 125	139		20.0	U	150	93		P
Zinc	ug/L	75 - 125	777		661		100	116		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: AECOM **level:** low **sdg no.:** Q3376
contract: AECO02 **lab code:** ACE
matrix: Water **sample id:** Q3370-01 **client id:** WATER-TREATMENT DISCHARGEMSD
Percent Solids for Sample: NA **Spiked ID:** Q3370-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1590		663		1000	92		P
Antimony	ug/L	75 - 125	399		25.0	U	400	100		P
Arsenic	ug/L	75 - 125	383		10.0	U	400	96		P
Barium	ug/L	75 - 125	117		23.9	J	100	93		P
Beryllium	ug/L	75 - 125	87.4		3.00	U	100	87		P
Cadmium	ug/L	75 - 125	88.5		3.00	U	100	88		P
Calcium	ug/L	75 - 125	25600		25100		500	103		P
Chromium	ug/L	75 - 125	200		15.2		200	93		P
Cobalt	ug/L	75 - 125	92.2		15.0	U	100	92		P
Copper	ug/L	75 - 125	158		17.7		150	93		P
Iron	ug/L	75 - 125	1680		185		1500	100		P
Lead	ug/L	75 - 125	427		6.00	U	500	85		P
Magnesium	ug/L	75 - 125	9570		8620		1000	95		P
Manganese	ug/L	75 - 125	104		10.6		100	93		P
Nickel	ug/L	75 - 125	245		16.9	J	250	91		P
Potassium	ug/L	75 - 125	16400		11700		5000	94		P
Selenium	ug/L	75 - 125	961		10.0	U	1000	96		P
Silver	ug/L	75 - 125	33.5		5.00	U	37.5	89		P
Sodium	ug/L	75 - 125	102000		101000		1500	18		P
Thallium	ug/L	75 - 125	817		20.0	U	1000	82		P
Vanadium	ug/L	75 - 125	142		20.0	U	150	95		P
Zinc	ug/L	75 - 125	761		661		100	100		P

metals
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MATRIX SPIKE SUMMARY

client:	AECOM	level:	low	sdg no.:	Q3376
contract:	AECO02			lab code:	ACE
matrix:	Water	sample id:	Q3390-07	client id:	4090MS
Percent Solids for Sample:	NA	Spiked ID:	Q3390-07MS	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	2.97		0.20	U	4.0	74	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	AECOM	level:	low	sdg no.:	Q3376
contract:	AECO02			lab code:	ACE
matrix:	Water	sample id:	Q3390-07	client id:	4090MSD
Percent Solids for Sample:	NA	Spiked ID:	Q3390-07MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	2.74		0.20	U	4.0	68	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>AECOM</u>	SDG No.:	<u>Q3376</u>
Contract:	<u>AECO02</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q3390-07</u>	Client ID:	<u>4090A</u>
	Spiked ID:	<u>Q3390-07A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.98		0.20	U	4.00	100		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: AECOM **Level:** LOW **SDG No.:** Q3376
Contract: AECO02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3370-01 **Client ID:** WATER-TREATMENT DISCHARGEDU
Percent Solids for Sample: NA **Duplicate ID** Q3370-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	663		656		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	23.9	J	22.8	J	5		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	25100		24600		2		P
Chromium	ug/L	20	15.2		15.3		1		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	17.7		17.6		1		P
Iron	ug/L	20	185		183		1		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	8620		8490		2		P
Manganese	ug/L	20	10.6		9.99	J	6		P
Nickel	ug/L	20	16.9	J	17.3	J	2		P
Potassium	ug/L	20	11700		11500		2		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	101000		97600		3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	661		667		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: AECOM **Level:** LOW **SDG No.:** Q3376
Contract: AECO02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3370-01MS **Client ID:** WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA **Duplicate ID** Q3370-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1590		1590		0		P
Antimony	ug/L	20	396		399		1		P
Arsenic	ug/L	20	382		383		0		P
Barium	ug/L	20	115		117		2		P
Beryllium	ug/L	20	85.9		87.4		2		P
Cadmium	ug/L	20	87.9		88.5		1		P
Calcium	ug/L	20	26000		25600		2		P
Chromium	ug/L	20	202		200		1		P
Cobalt	ug/L	20	91.5		92.2		1		P
Copper	ug/L	20	157		158		1		P
Iron	ug/L	20	1660		1680		1		P
Lead	ug/L	20	423		427		1		P
Magnesium	ug/L	20	9690		9570		1		P
Manganese	ug/L	20	101		104		3		P
Nickel	ug/L	20	244		245		0		P
Potassium	ug/L	20	16600		16400		1		P
Selenium	ug/L	20	958		961		0		P
Silver	ug/L	20	33.2		33.5		1		P
Sodium	ug/L	20	102000		102000		0		P
Thallium	ug/L	20	828		817		1		P
Vanadium	ug/L	20	139		142		2		P
Zinc	ug/L	20	777		761		2		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>AECOM</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3376</u>
Contract:	<u>AECO02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3390-07</u>	Client ID:	<u>4090DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3390-07DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>AECOM</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3376</u>
Contract:	<u>AECO02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3390-07MS</u>	Client ID:	<u>4090MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3390-07MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.97		2.74		8		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170157BS Mercury	ug/L	4.0	3.27		82	80 - 120	CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>AECOM</u>	SDG No.:	<u>Q3376</u>
Contract:	<u>AECO02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170192BS							
Aluminum	ug/L	1000	920		92	80 - 120	P
Antimony	ug/L	400	383		96	80 - 120	P
Arsenic	ug/L	400	367		92	80 - 120	P
Barium	ug/L	100	89.5		90	80 - 120	P
Beryllium	ug/L	100	93.8		94	80 - 120	P
Cadmium	ug/L	100	86.0		86	80 - 120	P
Calcium	ug/L	500	467	J	93	80 - 120	P
Chromium	ug/L	200	186		93	80 - 120	P
Cobalt	ug/L	100	89.0		89	80 - 120	P
Copper	ug/L	150	145		97	80 - 120	P
Iron	ug/L	1500	1380		92	80 - 120	P
Lead	ug/L	500	436		87	80 - 120	P
Magnesium	ug/L	1000	919	J	92	80 - 120	P
Manganese	ug/L	100	94.2		94	80 - 120	P
Nickel	ug/L	250	224		90	80 - 120	P
Potassium	ug/L	5000	4350		87	80 - 120	P
Selenium	ug/L	1000	947		95	80 - 120	P
Silver	ug/L	37.5	33.4		89	80 - 120	P
Sodium	ug/L	1500	1400		93	80 - 120	P
Thallium	ug/L	1000	898		90	80 - 120	P
Vanadium	ug/L	150	137		91	80 - 120	P
Zinc	ug/L	100	95.3		95	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT DISCHARGEL

Lab Name: Alliance Contract: AECO02
Lab Code: ACE Lb No.: lb137613 Lab Sample ID : Q3370-01L SDG No.: Q3376
Matrix (soil/water): Water Level (low/med): LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	663		686		4		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	23.9	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	25100		25700		3		P
Chromium	15.2		14.7	J	3		P
Cobalt	15.0	U	75.0	U			P
Copper	17.7		18.7	J	6		P
Iron	185		179	J	3		P
Lead	6.00	U	30.0	U			P
Magnesium	8620		8820		2		P
Manganese	10.6		50.0	U	100.0		P
Nickel	16.9	J	17.0	J	0		P
Potassium	11700		15100		29		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	101000		102000		1		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	661		669		1		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

4090L

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **Lb No.:** lb137583 **Lab Sample ID :** Q3390-07L **SDG No.:** Q3376
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Mercury	0.20	U	1.00	U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170157							
PB170157BL	PB170157BL	MB	WATER	10/20/2025	30.0	30.0	
PB170157BS	PB170157BS	LCS	WATER	10/20/2025	30.0	30.0	
Q3376-07	PR132-FB01-20251016	SAM	WATER	10/20/2025	30.0	30.0	
Q3390-07DUP	4090DUP	DUP	WATER	10/20/2025	30.0	30.0	
Q3390-07MS	4090MS	MS	WATER	10/20/2025	30.0	30.0	
Q3390-07MSD	4090MSD	MSD	WATER	10/20/2025	30.0	30.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: AECOM

SDG No.: Q3376

Contract: AECO02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170192							
PB170192BL	PB170192BL	MB	WATER	10/21/2025	50.0	25.0	
PB170192BS	PB170192BS	LCS	WATER	10/21/2025	50.0	25.0	
Q3370-01DUP	WATER-TREATMENT DISCHARGEDUP	DUP	WATER	10/21/2025	50.0	25.0	
Q3370-01MS	WATER-TREATMENT DISCHARGEMS	MS	WATER	10/21/2025	50.0	25.0	
Q3370-01MSD	WATER-TREATMENT DISCHARGEMSD	MSD	WATER	10/21/2025	50.0	25.0	
Q3376-07	PR132-FB01-20251016	SAM	WATER	10/21/2025	50.0	25.0	

metals
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ANALYSIS RUN LOG

Client: AECOM

Contract: AECO02

Lab code: ACE

Sdg no.: Q3376

Instrument id number: _____

Method: _____

Run number: LB137583

Start date: 10/20/2025

End date: 10/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1141	HG
S0.2	S0.2	1	1143	HG
S2.5	S2.5	1	1145	HG
S5	S5	1	1148	HG
S7.5	S7.5	1	1150	HG
S10	S10	1	1155	HG
ICV78	ICV78	1	1201	HG
ICB78	ICB78	1	1203	HG
CCV54	CCV54	1	1206	HG
CCB54	CCB54	1	1208	HG
CRA	CRA	1	1210	HG
PB170157BL	PB170157BL	1	1220	HG
PB170157BS	PB170157BS	1	1222	HG
Q3376-07	PR132-FB01-20251016	1	1225	HG
Q3390-07DUP	4090DUP	1	1234	HG
CCV55	CCV55	1	1241	HG
CCB55	CCB55	1	1243	HG
Q3390-07MS	4090MS	1	1246	HG
Q3390-07MSD	4090MSD	1	1248	HG
Q3390-07L	4090L	5	1250	HG
Q3390-07A	4090A	1	1253	HG
CCV56	CCV56	1	1258	HG
CCB56	CCB56	1	1300	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: AECOM

Contract: AECO02

Lab code: ACE

Sdg no.: Q3376

Instrument id number: _____

Method: _____

Run number: LB137613

Start date: 10/21/2025

End date: 10/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1259	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1648	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1652	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170192BL	PB170192BL	1	1728	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170192BS	PB170192BS	1	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1737	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3370-01DUP	WATER-TREATMENT DISCH#	1	1811	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3370-01L	WATER-TREATMENT DISCH#	5	1815	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3370-01MS	WATER-TREATMENT DISCH#	1	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3370-01MSD	WATER-TREATMENT DISCH#	1	1823	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1831	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3376-07	PR132-FB01-20251016	1	1840	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2003	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2007	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn