

Hit Summary Sheet SW-846

SDG No.: Q3552 **Order ID:** Q3552
Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-4								
Q3552-01	MW-4	Water	Aluminum	37.4	J	5.67	50.0	ug/L
Q3552-01	MW-4	Water	Barium	1070		7.28	50.0	ug/L
Q3552-01	MW-4	Water	Beryllium	0.52	J	0.28	3.00	ug/L
Q3552-01	MW-4	Water	Calcium	104000		117	1000	ug/L
Q3552-01	MW-4	Water	Chromium	7.60		1.06	5.00	ug/L
Q3552-01	MW-4	Water	Cobalt	23.8		1.13	15.0	ug/L
Q3552-01	MW-4	Water	Iron	31400		11.7	50.0	ug/L
Q3552-01	MW-4	Water	Lead	3.77	J	1.15	6.00	ug/L
Q3552-01	MW-4	Water	Magnesium	69600		122	1000	ug/L
Q3552-01	MW-4	Water	Manganese	234		2.97	10.0	ug/L
Q3552-01	MW-4	Water	Nickel	93.1		1.53	20.0	ug/L
Q3552-01	MW-4	Water	Potassium	201000		459	1000	ug/L
Q3552-01	MW-4	Water	Sodium	578000		434	1000	ug/L
Q3552-01	MW-4	Water	Vanadium	9.16	J	3.13	20.0	ug/L
Q3552-01	MW-4	Water	Zinc	9.81	J	8.33	20.0	ug/L
Client ID : MW-8								
Q3552-02	MW-8	Water	Aluminum	25.1	J	5.67	50.0	ug/L
Q3552-02	MW-8	Water	Arsenic	7.00	J	2.56	10.0	ug/L
Q3552-02	MW-8	Water	Barium	390		7.28	50.0	ug/L
Q3552-02	MW-8	Water	Beryllium	3.46		0.28	3.00	ug/L
Q3552-02	MW-8	Water	Calcium	842000		117	1000	ug/L
Q3552-02	MW-8	Water	Cobalt	5.46	J	1.13	15.0	ug/L
Q3552-02	MW-8	Water	Iron	397000		11.7	50.0	ug/L
Q3552-02	MW-8	Water	Lead	22.6		1.15	6.00	ug/L
Q3552-02	MW-8	Water	Magnesium	317000		122	1000	ug/L
Q3552-02	MW-8	Water	Manganese	26100	D	29.7	100	ug/L
Q3552-02	MW-8	Water	Mercury	0.16	J	0.076	0.20	ug/L
Q3552-02	MW-8	Water	Nickel	10.7	J	1.53	20.0	ug/L
Q3552-02	MW-8	Water	Potassium	86200		459	1000	ug/L
Q3552-02	MW-8	Water	Silver	23.3		0.81	5.00	ug/L
Q3552-02	MW-8	Water	Sodium	3340000	D	4340	10000	ug/L
Client ID : MW-9								
Q3552-03	MW-9	Water	Aluminum	4880		5.67	50.0	ug/L
Q3552-03	MW-9	Water	Arsenic	8.72	J	2.56	10.0	ug/L
Q3552-03	MW-9	Water	Barium	364		7.28	50.0	ug/L
Q3552-03	MW-9	Water	Beryllium	1.12	J	0.28	3.00	ug/L

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Order ID: Q3552

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3552-03	MW-9	Water	Cadmium	20.5		0.25	3.00	ug/L
Q3552-03	MW-9	Water	Calcium	91000		117	1000	ug/L
Q3552-03	MW-9	Water	Chromium	16.9		1.06	5.00	ug/L
Q3552-03	MW-9	Water	Cobalt	9.71	J	1.13	15.0	ug/L
Q3552-03	MW-9	Water	Copper	998		2.30	10.0	ug/L
Q3552-03	MW-9	Water	Iron	39800		11.7	50.0	ug/L
Q3552-03	MW-9	Water	Lead	317		1.15	6.00	ug/L
Q3552-03	MW-9	Water	Magnesium	44200		122	1000	ug/L
Q3552-03	MW-9	Water	Manganese	249		2.97	10.0	ug/L
Q3552-03	MW-9	Water	Mercury	0.30		0.076	0.20	ug/L
Q3552-03	MW-9	Water	Nickel	93.1		1.53	20.0	ug/L
Q3552-03	MW-9	Water	Potassium	95300		459	1000	ug/L
Q3552-03	MW-9	Water	Silver	1.67	J	0.81	5.00	ug/L
Q3552-03	MW-9	Water	Sodium	205000		434	1000	ug/L
Q3552-03	MW-9	Water	Vanadium	26.1		3.13	20.0	ug/L
Q3552-03	MW-9	Water	Zinc	593		8.33	20.0	ug/L

Client ID : MW-10

Q3552-04	MW-10	Water	Aluminum	20.5	J	5.67	50.0	ug/L
Q3552-04	MW-10	Water	Arsenic	5.08	J	2.56	10.0	ug/L
Q3552-04	MW-10	Water	Barium	32.8	J	7.28	50.0	ug/L
Q3552-04	MW-10	Water	Beryllium	0.69	J	0.28	3.00	ug/L
Q3552-04	MW-10	Water	Calcium	358000		117	1000	ug/L
Q3552-04	MW-10	Water	Iron	52900		11.7	50.0	ug/L
Q3552-04	MW-10	Water	Lead	5.42	J	1.15	6.00	ug/L
Q3552-04	MW-10	Water	Magnesium	528000		122	1000	ug/L
Q3552-04	MW-10	Water	Manganese	1120		2.97	10.0	ug/L
Q3552-04	MW-10	Water	Nickel	3.43	J	1.53	20.0	ug/L
Q3552-04	MW-10	Water	Potassium	116000		459	1000	ug/L
Q3552-04	MW-10	Water	Silver	2.29	J	0.81	5.00	ug/L
Q3552-04	MW-10	Water	Sodium	4410000	D	4340	10000	ug/L

Client ID : MW-3

Q3552-05	MW-3	Water	Aluminum	19400		5.67	50.0	ug/L
Q3552-05	MW-3	Water	Arsenic	26.5		2.56	10.0	ug/L
Q3552-05	MW-3	Water	Barium	308		7.28	50.0	ug/L
Q3552-05	MW-3	Water	Beryllium	2.87	J	0.28	3.00	ug/L
Q3552-05	MW-3	Water	Cadmium	0.46	J	0.25	3.00	ug/L
Q3552-05	MW-3	Water	Calcium	128000		117	1000	ug/L
Q3552-05	MW-3	Water	Chromium	41.2		1.06	5.00	ug/L
Q3552-05	MW-3	Water	Cobalt	21.4		1.13	15.0	ug/L

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SDG No.: Q3552

Order ID: Q3552

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3552-05	MW-3	Water	Copper	58.3		2.30	10.0	ug/L
Q3552-05	MW-3	Water	Iron	85300		11.7	50.0	ug/L
Q3552-05	MW-3	Water	Lead	101		1.15	6.00	ug/L
Q3552-05	MW-3	Water	Magnesium	49000		122	1000	ug/L
Q3552-05	MW-3	Water	Manganese	682		2.97	10.0	ug/L
Q3552-05	MW-3	Water	Mercury	0.081	J	0.076	0.20	ug/L
Q3552-05	MW-3	Water	Nickel	71.2		1.53	20.0	ug/L
Q3552-05	MW-3	Water	Potassium	72700		459	1000	ug/L
Q3552-05	MW-3	Water	Silver	3.66	J	0.81	5.00	ug/L
Q3552-05	MW-3	Water	Sodium	217000		434	1000	ug/L
Q3552-05	MW-3	Water	Vanadium	61.9		3.13	20.0	ug/L
Q3552-05	MW-3	Water	Zinc	511		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-4
Lab Sample ID: Q3552-01
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
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	37.4	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-39-3	Barium	1070		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-41-7	Beryllium	0.52	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-70-2	Calcium	104000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-47-3	Chromium	7.60		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-48-4	Cobalt	23.8		1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-89-6	Iron	31400		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-92-1	Lead	3.77	J	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-95-4	Magnesium	69600		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-96-5	Manganese	234		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:32	7470A	M7470A
7440-02-0	Nickel	93.1		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-09-7	Potassium	201000		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-23-5	Sodium	578000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-62-2	Vanadium	9.16	J	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-66-6	Zinc	9.81	J	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-8
Lab Sample ID: Q3552-02
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
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	25.1	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-38-2	Arsenic	7.00	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-39-3	Barium	390		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-41-7	Beryllium	3.46		1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-70-2	Calcium	842000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-48-4	Cobalt	5.46	J	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-89-6	Iron	397000		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-92-1	Lead	22.6		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-95-4	Magnesium	317000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-96-5	Manganese	26100	D	10	29.7	100	ug/L	11/06/25 10:55	11/11/25 15:37	6010D	M3010A
7439-97-6	Mercury	0.16	J	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:48	7470A	M7470A
7440-02-0	Nickel	10.7	J	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-09-7	Potassium	86200		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-22-4	Silver	23.3		1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-23-5	Sodium	3340000	D	10	4340	10000	ug/L	11/06/25 10:55	11/11/25 15:37	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-9
Lab Sample ID: Q3552-03
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
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	4880		1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-38-2	Arsenic	8.72	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-39-3	Barium	364		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-41-7	Beryllium	1.12	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-43-9	Cadmium	20.5		1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-70-2	Calcium	91000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-47-3	Chromium	16.9		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-48-4	Cobalt	9.71	J	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-50-8	Copper	998		1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-89-6	Iron	39800		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-92-1	Lead	317		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-95-4	Magnesium	44200		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-96-5	Manganese	249		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-97-6	Mercury	0.30		1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:50	7470A	M7470A
7440-02-0	Nickel	93.1		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-09-7	Potassium	95300		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-22-4	Silver	1.67	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-23-5	Sodium	205000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-62-2	Vanadium	26.1		1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-66-6	Zinc	593		1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-10
Lab Sample ID: Q3552-04
Level (low/med): low

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3552
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	20.5	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-38-2	Arsenic	5.08	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-39-3	Barium	32.8	J	1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-41-7	Beryllium	0.69	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-70-2	Calcium	358000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-89-6	Iron	52900		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-92-1	Lead	5.42	J	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-95-4	Magnesium	528000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-96-5	Manganese	1120		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:53	7470A	M7470A
7440-02-0	Nickel	3.43	J	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-09-7	Potassium	116000		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-22-4	Silver	2.29	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-23-5	Sodium	4410000	D	10	4340	10000	ug/L	11/06/25 10:55	11/10/25 14:42	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A

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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-3
Lab Sample ID: Q3552-05
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/05/25
SDG No.: Q3552
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	19400		1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-38-2	Arsenic	26.5		1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-39-3	Barium	308		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-41-7	Beryllium	2.87	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-43-9	Cadmium	0.46	J	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-70-2	Calcium	128000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-47-3	Chromium	41.2		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-48-4	Cobalt	21.4		1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-50-8	Copper	58.3		1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-89-6	Iron	85300		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-92-1	Lead	101		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-95-4	Magnesium	49000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-96-5	Manganese	682		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-97-6	Mercury	0.081	J	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:55	7470A	M7470A
7440-02-0	Nickel	71.2		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-09-7	Potassium	72700		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-22-4	Silver	3.66	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-23-5	Sodium	217000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-62-2	Vanadium	61.9		1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-66-6	Zinc	511		1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A

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



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB101	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	13:39	LB137799

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	13:43	LB137799
CCB35	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:11	LB137799
CCB36	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:38	LB137799
CCB37	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:59	LB137799
CCB38	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	15:15	LB137799

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/07/2025	13:42	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	13:42	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	13:42	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	13:42	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	13:42	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	13:42	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	13:42	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	13:42	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	13:42	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Thallium	4.38	+/-20	U	40.0	P	11/07/2025	13:42	LB137834
	Vanadium	8.59	+/-20	J	40.0	P	11/07/2025	13:42	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	13:42	LB137834

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	26.8	+/-50	J	100	P	11/07/2025	14:17	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	14:17	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	14:17	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	14:17	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	14:17	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	14:17	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	14:17	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Iron	39.8	+/-50	J	100	P	11/07/2025	14:17	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	14:17	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	14:17	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	14:17	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Thallium	9.19	+/-20	J	40.0	P	11/07/2025	14:17	LB137834
	Vanadium	12.3	+/-20	J	40.0	P	11/07/2025	14:17	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	14:17	LB137834
CCB02	Aluminum	11.3	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	15:14	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	15:14	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	15:14	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	15:14	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	15:14	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	15:14	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	15:14	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	15:14	LB137834

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/07/2025	15:14	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Thallium	10.2	+/-20	J	40.0	P	11/07/2025	15:14	LB137834
	Vanadium	9.57	+/-20	J	40.0	P	11/07/2025	15:14	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	15:14	LB137834
CCB03	Aluminum	11.3	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	16:07	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	16:07	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	16:07	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	16:07	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	16:07	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	16:07	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	16:07	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Thallium	4.38	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Vanadium	6.26	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	16:07	LB137834

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	17:31	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Aluminum	39.4	+/-50	J	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	13:05	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	13:05	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	13:05	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	13:05	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	13:05	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	13:05	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	13:05	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	13:05	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	13:05	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	13:51	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	13:51	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	13:51	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	13:51	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	13:51	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	13:51	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	13:51	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	13:51	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Thallium	5.20	+/-20	J	40.0	P	11/11/2025	13:51	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
CCB02	Aluminum	11.3	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	14:44	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	14:44	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	14:44	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	14:44	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	14:44	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	14:44	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	14:44	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	14:44	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Thallium	6.05	+/-20	J	40.0	P	11/11/2025	14:44	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
CCB03	Aluminum	24.0	+/-50	J	100	P	11/11/2025	15:33	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	15:33	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	15:33	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	15:33	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	15:33	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	15:33	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	15:33	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Iron	32.8	+/-50	J	100	P	11/11/2025	15:33	LB137858
	Lead	2.44	+/-6	J	12.0	P	11/11/2025	15:33	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	15:33	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
CCB04	Aluminum	38.0	+/-50	J	100	P	11/11/2025	16:43	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	16:43	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	16:43	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	16:43	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	16:43	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	16:43	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	16:43	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	16:43	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	16:43	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	16:43	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	16:43	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Thallium	5.31	+/-20	J	40.0	P	11/11/2025	16:43	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
CCB05	Aluminum	12.0	+/-50	J	100	P	11/11/2025	17:34	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	17:34	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	17:34	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	17:34	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	17:34	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	17:34	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	17:34	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	17:34	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	17:34	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	17:34	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
CCB06	Aluminum	11.3	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	18:24	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	18:24	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	18:24	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	18:24	LB137858

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	11/11/2025	18:24	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	18:24	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	18:24	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	18:24	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	18:24	LB137858

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170409BL		WATER		Batch Number:	PB170409		Prep Date:	11/06/2025	
	Mercury	0.076	<0.2	U	0.20	CV	11/06/2025	14:25	LB137799

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170411BL	WATER			Batch Number:	PB170411		Prep Date:	11/06/2025	
	Aluminum	5.67	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Antimony	3.38	<12.5	U	25.0	P	11/07/2025	14:52	LB137834
	Arsenic	2.56	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Barium	7.28	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Beryllium	0.28	<1.5	U	3.00	P	11/07/2025	14:52	LB137834
	Cadmium	0.25	<1.5	U	3.00	P	11/07/2025	14:52	LB137834
	Calcium	117	<500	U	1000	P	11/07/2025	14:52	LB137834
	Chromium	1.06	<2.5	U	5.00	P	11/07/2025	14:52	LB137834
	Cobalt	1.13	<7.5	U	15.0	P	11/07/2025	14:52	LB137834
	Copper	2.30	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Iron	11.7	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Lead	1.15	<3	U	6.00	P	11/07/2025	14:52	LB137834
	Magnesium	122	<500	U	1000	P	11/07/2025	14:52	LB137834
	Manganese	2.97	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Nickel	1.53	<10	U	20.0	P	11/07/2025	14:52	LB137834
	Potassium	459	<500	U	1000	P	11/07/2025	14:52	LB137834
	Selenium	4.82	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Silver	0.81	<2.5	U	5.00	P	11/07/2025	14:52	LB137834
	Sodium	434	<500	U	1000	P	11/07/2025	14:52	LB137834
	Thallium	6.65	<10	J	20.0	P	11/07/2025	14:52	LB137834
	Vanadium	3.13	<10	U	20.0	P	11/07/2025	14:52	LB137834
	Zinc	8.33	<10	U	20.0	P	11/07/2025	14:52	LB137834



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
ICV101	Mercury	3.70	4.0	92	90 - 110	CV	11/06/2025	13:37	LB137799

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV34	Mercury	4.95	5.0	99	90 - 110	CV	11/06/2025	13:41	LB137799
CCV35	Mercury	4.93	5.0	99	90 - 110	CV	11/06/2025	14:09	LB137799
CCV36	Mercury	4.74	5.0	95	90 - 110	CV	11/06/2025	14:36	LB137799
CCV37	Mercury	4.76	5.0	95	90 - 110	CV	11/06/2025	14:57	LB137799
CCV38	Mercury	4.86	5.0	97	90 - 110	CV	11/06/2025	15:13	LB137799

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	7920	8000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Antimony	4050	4000	101	90 - 110	P	11/07/2025	13:19	LB137834
	Arsenic	3910	4000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Barium	7960	8000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Beryllium	206	200	103	90 - 110	P	11/07/2025	13:19	LB137834
	Cadmium	1910	2000	96	90 - 110	P	11/07/2025	13:19	LB137834
	Calcium	19700	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Chromium	803	800	100	90 - 110	P	11/07/2025	13:19	LB137834
	Cobalt	1970	2000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Copper	1020	1000	102	90 - 110	P	11/07/2025	13:19	LB137834
	Iron	3960	4000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Lead	4160	4000	104	90 - 110	P	11/07/2025	13:19	LB137834
	Magnesium	19700	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Manganese	2000	2000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Nickel	1970	2000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Potassium	19500	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Selenium	3960	4000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Silver	1000	1000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Sodium	19900	20000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Thallium	4000	4000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Vanadium	1980	2000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Zinc	1990	2000	100	90 - 110	P	11/07/2025	13:19	LB137834

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3552

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	117	100	117	80 - 120	P	11/07/2025	13:36	LB137834
	Antimony	53.3	50.0	107	80 - 120	P	11/07/2025	13:36	LB137834
	Arsenic	19.3	20.0	96	80 - 120	P	11/07/2025	13:36	LB137834
	Barium	103	100	103	80 - 120	P	11/07/2025	13:36	LB137834
	Beryllium	6.69	6.0	112	80 - 120	P	11/07/2025	13:36	LB137834
	Cadmium	5.88	6.0	98	80 - 120	P	11/07/2025	13:36	LB137834
	Calcium	2120	2000	106	80 - 120	P	11/07/2025	13:36	LB137834
	Chromium	9.89	10.0	99	80 - 120	P	11/07/2025	13:36	LB137834
	Cobalt	30.5	30.0	102	80 - 120	P	11/07/2025	13:36	LB137834
	Copper	22.7	20.0	113	80 - 120	P	11/07/2025	13:36	LB137834
	Iron	95.6	100	96	80 - 120	P	11/07/2025	13:36	LB137834
	Lead	12.5	12.0	104	80 - 120	P	11/07/2025	13:36	LB137834
	Magnesium	2130	2000	106	80 - 120	P	11/07/2025	13:36	LB137834
	Manganese	23.3	20.0	117	80 - 120	P	11/07/2025	13:36	LB137834
	Nickel	42.1	40.0	105	80 - 120	P	11/07/2025	13:36	LB137834
	Potassium	1970	2000	98	80 - 120	P	11/07/2025	13:36	LB137834
	Selenium	23.2	20.0	116	80 - 120	P	11/07/2025	13:36	LB137834
	Silver	8.99	10.0	90	80 - 120	P	11/07/2025	13:36	LB137834
	Sodium	2050	2000	102	80 - 120	P	11/07/2025	13:36	LB137834
	Thallium	47.2	40.0	118	80 - 120	P	11/07/2025	13:36	LB137834
	Vanadium	46.0	40.0	115	80 - 120	P	11/07/2025	13:36	LB137834
	Zinc	42.8	40.0	107	80 - 120	P	11/07/2025	13:36	LB137834

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV01	Aluminum	10200	10000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Antimony	5030	5000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Arsenic	5030	5000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Barium	10200	10000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Beryllium	256	250	102	90 - 110	P	11/07/2025	14:12	LB137834
	Cadmium	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Calcium	25400	25000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Chromium	990	1000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Cobalt	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Copper	1260	1250	101	90 - 110	P	11/07/2025	14:12	LB137834
	Iron	4960	5000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Lead	4980	5000	100	90 - 110	P	11/07/2025	14:12	LB137834
	Magnesium	25200	25000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Manganese	2580	2500	103	90 - 110	P	11/07/2025	14:12	LB137834
	Nickel	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Potassium	24300	25000	97	90 - 110	P	11/07/2025	14:12	LB137834
	Selenium	5080	5000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Silver	1240	1250	99	90 - 110	P	11/07/2025	14:12	LB137834
	Sodium	24800	25000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Thallium	4820	5000	96	90 - 110	P	11/07/2025	14:12	LB137834
	Vanadium	2540	2500	102	90 - 110	P	11/07/2025	14:12	LB137834
	Zinc	2480	2500	99	90 - 110	P	11/07/2025	14:12	LB137834
CCV02	Aluminum	10100	10000	101	90 - 110	P	11/07/2025	15:04	LB137834
	Antimony	4980	5000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Arsenic	4920	5000	98	90 - 110	P	11/07/2025	15:04	LB137834
	Barium	10000	10000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Beryllium	251	250	101	90 - 110	P	11/07/2025	15:04	LB137834
	Cadmium	2440	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
	Calcium	25100	25000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Chromium	982	1000	98	90 - 110	P	11/07/2025	15:04	LB137834
	Cobalt	2460	2500	99	90 - 110	P	11/07/2025	15:04	LB137834
	Copper	1260	1250	100	90 - 110	P	11/07/2025	15:04	LB137834
	Iron	4840	5000	97	90 - 110	P	11/07/2025	15:04	LB137834
	Lead	4890	5000	98	90 - 110	P	11/07/2025	15:04	LB137834

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	24900	25000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Manganese	2540	2500	102	90 - 110	P	11/07/2025	15:04	LB137834
	Nickel	2460	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
	Potassium	23600	25000	94	90 - 110	P	11/07/2025	15:04	LB137834
	Selenium	4940	5000	99	90 - 110	P	11/07/2025	15:04	LB137834
	Silver	1220	1250	97	90 - 110	P	11/07/2025	15:04	LB137834
	Sodium	23900	25000	96	90 - 110	P	11/07/2025	15:04	LB137834
	Thallium	5500	5000	110	90 - 110	P	11/07/2025	15:04	LB137834
	Vanadium	2510	2500	100	90 - 110	P	11/07/2025	15:04	LB137834
	Zinc	2460	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
CCV03	Aluminum	9770	10000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Antimony	4910	5000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Arsenic	4900	5000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Barium	9720	10000	97	90 - 110	P	11/07/2025	16:03	LB137834
	Beryllium	243	250	97	90 - 110	P	11/07/2025	16:03	LB137834
	Cadmium	2430	2500	97	90 - 110	P	11/07/2025	16:03	LB137834
	Calcium	24600	25000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Chromium	975	1000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Cobalt	2440	2500	98	90 - 110	P	11/07/2025	16:03	LB137834
	Copper	1230	1250	99	90 - 110	P	11/07/2025	16:03	LB137834
	Iron	4960	5000	99	90 - 110	P	11/07/2025	16:03	LB137834
	Lead	4870	5000	97	90 - 110	P	11/07/2025	16:03	LB137834
	Magnesium	24400	25000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Manganese	2480	2500	99	90 - 110	P	11/07/2025	16:03	LB137834
	Nickel	2440	2500	98	90 - 110	P	11/07/2025	16:03	LB137834
	Potassium	26400	25000	106	90 - 110	P	11/07/2025	16:03	LB137834
	Selenium	4930	5000	99	90 - 110	P	11/07/2025	16:03	LB137834
	Silver	1200	1250	96	90 - 110	P	11/07/2025	16:03	LB137834
	Sodium	22600	25000	90	90 - 110	P	11/07/2025	16:03	LB137834
	Thallium	5070	5000	101	90 - 110	P	11/07/2025	16:03	LB137834
	Vanadium	2480	2500	99	90 - 110	P	11/07/2025	16:03	LB137834
	Zinc	2430	2500	97	90 - 110	P	11/07/2025	16:03	LB137834

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV01	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3552

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV05	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3552

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3552

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	7910	8000	99	90 - 110	P	11/11/2025	12:33	LB137858
	Antimony	4070	4000	102	90 - 110	P	11/11/2025	12:33	LB137858
	Arsenic	3880	4000	97	90 - 110	P	11/11/2025	12:33	LB137858
	Barium	7860	8000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Beryllium	207	200	103	90 - 110	P	11/11/2025	12:33	LB137858
	Cadmium	1900	2000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Calcium	19600	20000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Chromium	814	800	102	90 - 110	P	11/11/2025	12:33	LB137858
	Cobalt	1960	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Copper	1020	1000	102	90 - 110	P	11/11/2025	12:33	LB137858
	Iron	3930	4000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Lead	3750	4000	94	90 - 110	P	11/11/2025	12:33	LB137858
	Magnesium	19700	20000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Manganese	1970	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Nickel	1950	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Potassium	18600	20000	93	90 - 110	P	11/11/2025	12:33	LB137858
	Selenium	3910	4000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Silver	949	1000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Sodium	18800	20000	94	90 - 110	P	11/11/2025	12:33	LB137858
	Thallium	3810	4000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Vanadium	1980	2000	99	90 - 110	P	11/11/2025	12:33	LB137858
	Zinc	2020	2000	101	90 - 110	P	11/11/2025	12:33	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	81.0	100	81	80 - 120	P	11/11/2025	13:01	LB137858
	Antimony	53.7	50.0	107	80 - 120	P	11/11/2025	13:01	LB137858
	Arsenic	22.8	20.0	114	80 - 120	P	11/11/2025	13:01	LB137858
	Barium	108	100	108	80 - 120	P	11/11/2025	13:01	LB137858
	Beryllium	6.80	6.0	113	80 - 120	P	11/11/2025	13:01	LB137858
	Cadmium	6.03	6.0	100	80 - 120	P	11/11/2025	13:01	LB137858
	Calcium	2150	2000	108	80 - 120	P	11/11/2025	13:01	LB137858
	Chromium	10.9	10.0	109	80 - 120	P	11/11/2025	13:01	LB137858
	Cobalt	31.1	30.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Copper	23.1	20.0	116	80 - 120	P	11/11/2025	13:01	LB137858
	Iron	106	100	106	80 - 120	P	11/11/2025	13:01	LB137858
	Lead	12.3	12.0	102	80 - 120	P	11/11/2025	13:01	LB137858
	Magnesium	2260	2000	113	80 - 120	P	11/11/2025	13:01	LB137858
	Manganese	20.9	20.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Nickel	41.5	40.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Potassium	1650	2000	82	80 - 120	P	11/11/2025	13:01	LB137858
	Selenium	18.5	20.0	93	80 - 120	P	11/11/2025	13:01	LB137858
	Silver	9.54	10.0	95	80 - 120	P	11/11/2025	13:01	LB137858
	Sodium	1710	2000	86	80 - 120	P	11/11/2025	13:01	LB137858
	Thallium	43.7	40.0	109	80 - 120	P	11/11/2025	13:01	LB137858
	Vanadium	34.3	40.0	86	80 - 120	P	11/11/2025	13:01	LB137858
	Zinc	44.1	40.0	110	80 - 120	P	11/11/2025	13:01	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3552

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Antimony	5020	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Arsenic	5020	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Barium	9900	10000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Beryllium	253	250	101	90 - 110	P	11/11/2025	13:47	LB137858
	Cadmium	2490	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Calcium	24900	25000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Chromium	1020	1000	102	90 - 110	P	11/11/2025	13:47	LB137858
	Cobalt	2500	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Copper	1270	1250	102	90 - 110	P	11/11/2025	13:47	LB137858
	Iron	5000	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Lead	4950	5000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Magnesium	24700	25000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Manganese	2470	2500	99	90 - 110	P	11/11/2025	13:47	LB137858
	Nickel	2490	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Potassium	24300	25000	97	90 - 110	P	11/11/2025	13:47	LB137858
	Selenium	5000	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Silver	1260	1250	101	90 - 110	P	11/11/2025	13:47	LB137858
	Sodium	24200	25000	97	90 - 110	P	11/11/2025	13:47	LB137858
	Thallium	4910	5000	98	90 - 110	P	11/11/2025	13:47	LB137858
	Vanadium	2500	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Zinc	2550	2500	102	90 - 110	P	11/11/2025	13:47	LB137858
CCV02	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Antimony	4990	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Arsenic	4980	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Barium	9880	10000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Beryllium	254	250	102	90 - 110	P	11/11/2025	14:40	LB137858
	Cadmium	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Calcium	25100	25000	101	90 - 110	P	11/11/2025	14:40	LB137858
	Chromium	1000	1000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Cobalt	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Copper	1250	1250	100	90 - 110	P	11/11/2025	14:40	LB137858
	Iron	4960	5000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Lead	4920	5000	98	90 - 110	P	11/11/2025	14:40	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3552

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24800	25000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Manganese	2480	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Nickel	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Potassium	23700	25000	95	90 - 110	P	11/11/2025	14:40	LB137858
	Selenium	4990	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Silver	1250	1250	100	90 - 110	P	11/11/2025	14:40	LB137858
	Sodium	24100	25000	96	90 - 110	P	11/11/2025	14:40	LB137858
	Thallium	4810	5000	96	90 - 110	P	11/11/2025	14:40	LB137858
	Vanadium	2480	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Zinc	2510	2500	100	90 - 110	P	11/11/2025	14:40	LB137858
CCV03	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Antimony	4990	5000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Arsenic	4970	5000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Barium	10100	10000	101	90 - 110	P	11/11/2025	15:29	LB137858
	Beryllium	253	250	101	90 - 110	P	11/11/2025	15:29	LB137858
	Cadmium	2450	2500	98	90 - 110	P	11/11/2025	15:29	LB137858
	Calcium	25000	25000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Chromium	1000	1000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Cobalt	2470	2500	99	90 - 110	P	11/11/2025	15:29	LB137858
	Copper	1260	1250	100	90 - 110	P	11/11/2025	15:29	LB137858
	Iron	5160	5000	103	90 - 110	P	11/11/2025	15:29	LB137858
	Lead	4880	5000	98	90 - 110	P	11/11/2025	15:29	LB137858
	Magnesium	24600	25000	98	90 - 110	P	11/11/2025	15:29	LB137858
	Manganese	2520	2500	101	90 - 110	P	11/11/2025	15:29	LB137858
	Nickel	2460	2500	98	90 - 110	P	11/11/2025	15:29	LB137858
	Potassium	24100	25000	96	90 - 110	P	11/11/2025	15:29	LB137858
	Selenium	4960	5000	99	90 - 110	P	11/11/2025	15:29	LB137858
	Silver	1260	1250	101	90 - 110	P	11/11/2025	15:29	LB137858
	Sodium	24300	25000	97	90 - 110	P	11/11/2025	15:29	LB137858
	Thallium	4740	5000	95	90 - 110	P	11/11/2025	15:29	LB137858
CCV04	Vanadium	2490	2500	100	90 - 110	P	11/11/2025	15:29	LB137858
	Zinc	2520	2500	101	90 - 110	P	11/11/2025	15:29	LB137858
	Aluminum	10300	10000	103	90 - 110	P	11/11/2025	16:39	LB137858
	Antimony	5140	5000	103	90 - 110	P	11/11/2025	16:39	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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	5130	5000	103	90 - 110	P	11/11/2025	16:39	LB137858
	Barium	10400	10000	104	90 - 110	P	11/11/2025	16:39	LB137858
	Beryllium	261	250	105	90 - 110	P	11/11/2025	16:39	LB137858
	Cadmium	2510	2500	100	90 - 110	P	11/11/2025	16:39	LB137858
	Calcium	25600	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Chromium	1030	1000	104	90 - 110	P	11/11/2025	16:39	LB137858
	Cobalt	2520	2500	101	90 - 110	P	11/11/2025	16:39	LB137858
	Copper	1290	1250	103	90 - 110	P	11/11/2025	16:39	LB137858
	Iron	5240	5000	105	90 - 110	P	11/11/2025	16:39	LB137858
	Lead	4980	5000	100	90 - 110	P	11/11/2025	16:39	LB137858
	Magnesium	25400	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Manganese	2580	2500	103	90 - 110	P	11/11/2025	16:39	LB137858
	Nickel	2510	2500	100	90 - 110	P	11/11/2025	16:39	LB137858
	Potassium	25400	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Selenium	5110	5000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Silver	1310	1250	105	90 - 110	P	11/11/2025	16:39	LB137858
	Sodium	26200	25000	105	90 - 110	P	11/11/2025	16:39	LB137858
	Thallium	5090	5000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Vanadium	2560	2500	103	90 - 110	P	11/11/2025	16:39	LB137858
	Zinc	2640	2500	106	90 - 110	P	11/11/2025	16:39	LB137858
CCV05	Aluminum	10200	10000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Antimony	5160	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Arsenic	5170	5000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Barium	10300	10000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Beryllium	260	250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Cadmium	2540	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Calcium	25600	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Chromium	1040	1000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Cobalt	2550	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Copper	1290	1250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Iron	5220	5000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Lead	5040	5000	101	90 - 110	P	11/11/2025	17:30	LB137858
	Magnesium	25600	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Manganese	2560	2500	102	90 - 110	P	11/11/2025	17:30	LB137858

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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
CCV05	Nickel	2540	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Potassium	25100	25000	100	90 - 110	P	11/11/2025	17:30	LB137858
	Selenium	5150	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Silver	1300	1250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Sodium	25500	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Thallium	5170	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Vanadium	2560	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Zinc	2630	2500	105	90 - 110	P	11/11/2025	17:30	LB137858
CCV06	Aluminum	10100	10000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Antimony	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Arsenic	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Barium	10100	10000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Beryllium	257	250	103	90 - 110	P	11/11/2025	18:20	LB137858
	Cadmium	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Calcium	25400	25000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Chromium	1050	1000	104	90 - 110	P	11/11/2025	18:20	LB137858
	Cobalt	2540	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Copper	1290	1250	103	90 - 110	P	11/11/2025	18:20	LB137858
	Iron	5220	5000	104	90 - 110	P	11/11/2025	18:20	LB137858
	Lead	4990	5000	100	90 - 110	P	11/11/2025	18:20	LB137858
	Magnesium	25400	25000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Manganese	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Nickel	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Potassium	25200	25000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Selenium	5100	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Silver	1300	1250	104	90 - 110	P	11/11/2025	18:20	LB137858
	Sodium	24800	25000	99	90 - 110	P	11/11/2025	18:20	LB137858
	Thallium	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Vanadium	2550	2500	102	90 - 110	P	11/11/2025	18:20	LB137858
	Zinc	2650	2500	106	90 - 110	P	11/11/2025	18:20	LB137858

Metals

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CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3552
Contract: REMI02 **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	0.17	0.2	86	70 - 130	CV	11/06/2025	13:46	LB137799
CRI01	Aluminum	79.6	100	80	65 - 135	P	11/07/2025	13:46	LB137834
	Antimony	52.8	50.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Arsenic	20.6	20.0	103	65 - 135	P	11/07/2025	13:46	LB137834
	Barium	94.7	100	95	65 - 135	P	11/07/2025	13:46	LB137834
	Beryllium	6.33	6.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Cadmium	5.68	6.0	95	65 - 135	P	11/07/2025	13:46	LB137834
	Calcium	2060	2000	103	65 - 135	P	11/07/2025	13:46	LB137834
	Chromium	9.85	10.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Cobalt	29.4	30.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Copper	21.1	20.0	105	65 - 135	P	11/07/2025	13:46	LB137834
	Iron	104	100	104	65 - 135	P	11/07/2025	13:46	LB137834
	Lead	13.1	12.0	109	65 - 135	P	11/07/2025	13:46	LB137834
	Magnesium	2180	2000	109	65 - 135	P	11/07/2025	13:46	LB137834
	Manganese	21.7	20.0	108	65 - 135	P	11/07/2025	13:46	LB137834
	Nickel	40.3	40.0	101	65 - 135	P	11/07/2025	13:46	LB137834
	Potassium	1900	2000	95	65 - 135	P	11/07/2025	13:46	LB137834
	Selenium	15.8	20.0	79	65 - 135	P	11/07/2025	13:46	LB137834
	Silver	9.28	10.0	93	65 - 135	P	11/07/2025	13:46	LB137834
	Sodium	1960	2000	98	65 - 135	P	11/07/2025	13:46	LB137834
	Thallium	46.8	40.0	117	65 - 135	P	11/07/2025	13:46	LB137834
	Vanadium	42.8	40.0	107	65 - 135	P	11/07/2025	13:46	LB137834
	Zinc	41.1	40.0	103	65 - 135	P	11/07/2025	13:46	LB137834
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841

Metals
- 2b -
CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3552
Contract: REMI02 **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
CRI01	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841
CRI01	Aluminum	110	100	110	65 - 135	P	11/11/2025	13:19	LB137858
	Antimony	50.9	50.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Arsenic	20.5	20.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Barium	102	100	102	65 - 135	P	11/11/2025	13:19	LB137858
	Beryllium	6.76	6.0	113	65 - 135	P	11/11/2025	13:19	LB137858
	Cadmium	6.04	6.0	101	65 - 135	P	11/11/2025	13:19	LB137858
	Calcium	2140	2000	107	65 - 135	P	11/11/2025	13:19	LB137858
	Chromium	11.1	10.0	111	65 - 135	P	11/11/2025	13:19	LB137858
	Cobalt	30.4	30.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Copper	21.9	20.0	109	65 - 135	P	11/11/2025	13:19	LB137858
	Iron	86.7	100	87	65 - 135	P	11/11/2025	13:19	LB137858
	Lead	11.5	12.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Magnesium	2190	2000	110	65 - 135	P	11/11/2025	13:19	LB137858
	Manganese	22.0	20.0	110	65 - 135	P	11/11/2025	13:19	LB137858
	Nickel	40.9	40.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Potassium	1650	2000	83	65 - 135	P	11/11/2025	13:19	LB137858
	Selenium	19.0	20.0	95	65 - 135	P	11/11/2025	13:19	LB137858
	Silver	10.2	10.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Sodium	1680	2000	84	65 - 135	P	11/11/2025	13:19	LB137858
	Thallium	41.6	40.0	104	65 - 135	P	11/11/2025	13:19	LB137858
	Vanadium	38.3	40.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Zinc	44.5	40.0	111	65 - 135	P	11/11/2025	13:19	LB137858

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	272000	255000	107	216000	294000	11/07/2025	13:51	LB137834
	Antimony	-7.06			-50	50	11/07/2025	13:51	LB137834
	Arsenic	10.6			-20	20	11/07/2025	13:51	LB137834
	Barium	3.92	6.0	65	-94	106	11/07/2025	13:51	LB137834
	Beryllium	2.34			-6	6	11/07/2025	13:51	LB137834
	Cadmium	-1.59	1.0	159	-5	7	11/07/2025	13:51	LB137834
	Calcium	259000	245000	106	208000	282000	11/07/2025	13:51	LB137834
	Chromium	53.0	52.0	102	42	62	11/07/2025	13:51	LB137834
	Cobalt	1.92			-30	30	11/07/2025	13:51	LB137834
	Copper	6.42	2.0	321	-18	22	11/07/2025	13:51	LB137834
	Iron	106000	101000	105	85600	116500	11/07/2025	13:51	LB137834
	Lead	0.42			-12	12	11/07/2025	13:51	LB137834
	Magnesium	269000	255000	106	216000	294000	11/07/2025	13:51	LB137834
	Manganese	7.23	7.0	103	-13	27	11/07/2025	13:51	LB137834
	Nickel	5.96	2.0	298	-38	42	11/07/2025	13:51	LB137834
	Potassium	448			0	0	11/07/2025	13:51	LB137834
	Selenium	-9.77			-20	20	11/07/2025	13:51	LB137834
	Silver	3.11			-10	10	11/07/2025	13:51	LB137834
	Sodium	340			0	0	11/07/2025	13:51	LB137834
	Thallium	16.7			-40	40	11/07/2025	13:51	LB137834
	Vanadium	12.3			-40	40	11/07/2025	13:51	LB137834
	Zinc	2.47			-40	40	11/07/2025	13:51	LB137834
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/07/2025	13:55	LB137834
	Antimony	613	618	99	525	711	11/07/2025	13:55	LB137834
	Arsenic	105	104	101	88.4	120	11/07/2025	13:55	LB137834
	Barium	495	537	92	437	637	11/07/2025	13:55	LB137834
	Beryllium	516	495	104	420	570	11/07/2025	13:55	LB137834
	Cadmium	1010	972	104	826	1120	11/07/2025	13:55	LB137834
	Calcium	240000	235000	102	199000	271000	11/07/2025	13:55	LB137834
	Chromium	576	542	106	460	624	11/07/2025	13:55	LB137834
	Cobalt	505	476	106	404	548	11/07/2025	13:55	LB137834
	Copper	498	511	98	434	588	11/07/2025	13:55	LB137834
	Iron	102000	99300	103	84400	114500	11/07/2025	13:55	LB137834
	Lead	48.9	49.0	100	37	61	11/07/2025	13:55	LB137834
	Magnesium	250000	248000	101	210000	286000	11/07/2025	13:55	LB137834
	Manganese	506	507	100	430	584	11/07/2025	13:55	LB137834
	Nickel	1010	954	106	810	1100	11/07/2025	13:55	LB137834
	Potassium	-184			0	0	11/07/2025	13:55	LB137834
	Selenium	40.4	46.0	88	26	66	11/07/2025	13:55	LB137834
	Silver	205	201	102	170	232	11/07/2025	13:55	LB137834
	Sodium	-311			0	0	11/07/2025	13:55	LB137834
	Thallium	118	108	109	68	148	11/07/2025	13:55	LB137834

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	502	491	102	417	565	11/07/2025	13:55	LB137834
	Zinc	1040	952	109	809	1095	11/07/2025	13:55	LB137834
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841
	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841
ICSA01	Aluminum	252000	255000	99	216000	294000	11/11/2025	13:23	LB137858
	Antimony	1.57			-50	50	11/11/2025	13:23	LB137858
	Arsenic	10.4			-20	20	11/11/2025	13:23	LB137858
	Barium	13.9	6.0	232	-94	106	11/11/2025	13:23	LB137858
	Beryllium	1.48			-6	6	11/11/2025	13:23	LB137858
	Cadmium	-0.14	1.0	14	-5	7	11/11/2025	13:23	LB137858
	Calcium	243000	245000	99	208000	282000	11/11/2025	13:23	LB137858
	Chromium	53.7	52.0	103	42	62	11/11/2025	13:23	LB137858
	Cobalt	1.31			-30	30	11/11/2025	13:23	LB137858
	Copper	8.20	2.0	410	-18	22	11/11/2025	13:23	LB137858
	Iron	107000	101000	106	85600	116500	11/11/2025	13:23	LB137858
	Lead	-5.28			-12	12	11/11/2025	13:23	LB137858
	Magnesium	254000	255000	100	216000	294000	11/11/2025	13:23	LB137858
	Manganese	9.63	7.0	138	-13	27	11/11/2025	13:23	LB137858
	Nickel	6.69	2.0	334	-38	42	11/11/2025	13:23	LB137858
	Potassium	-84.2			0	0	11/11/2025	13:23	LB137858
	Selenium	-0.86			-20	20	11/11/2025	13:23	LB137858
	Silver	3.20			-10	10	11/11/2025	13:23	LB137858
	Sodium	-277			0	0	11/11/2025	13:23	LB137858
	Thallium	9.52			-40	40	11/11/2025	13:23	LB137858
	Vanadium	-7.20			-40	40	11/11/2025	13:23	LB137858
	Zinc	2.55			-40	40	11/11/2025	13:23	LB137858
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/11/2025	13:27	LB137858
	Antimony	632	618	102	525	711	11/11/2025	13:27	LB137858
	Arsenic	111	104	107	88.4	120	11/11/2025	13:27	LB137858
	Barium	503	537	94	437	637	11/11/2025	13:27	LB137858
	Beryllium	525	495	106	420	570	11/11/2025	13:27	LB137858
	Cadmium	1030	972	106	826	1120	11/11/2025	13:27	LB137858
	Calcium	241000	235000	103	199000	271000	11/11/2025	13:27	LB137858
	Chromium	605	542	112	460	624	11/11/2025	13:27	LB137858
	Cobalt	520	476	109	404	548	11/11/2025	13:27	LB137858
	Copper	508	511	99	434	588	11/11/2025	13:27	LB137858
	Iron	107000	99300	108	84400	114500	11/11/2025	13:27	LB137858
	Lead	47.7	49.0	97	37	61	11/11/2025	13:27	LB137858
	Magnesium	253000	248000	102	210000	286000	11/11/2025	13:27	LB137858
	Manganese	505	507	100	430	584	11/11/2025	13:27	LB137858
	Nickel	1040	954	109	810	1100	11/11/2025	13:27	LB137858
	Potassium	-406			0	0	11/11/2025	13:27	LB137858

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3552</u>
Contract: <u>REMI02</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	Selenium	56.6	46.0	123	26	66	11/11/2025	13:27	LB137858
	Silver	214	201	106	170	232	11/11/2025	13:27	LB137858
	Sodium	-463			0	0	11/11/2025	13:27	LB137858
	Thallium	103	108	95	68	148	11/11/2025	13:27	LB137858
	Vanadium	496	491	101	417	565	11/11/2025	13:27	LB137858
	Zinc	1080	952	113	809	1095	11/11/2025	13:27	LB137858



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3552</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3552-01</u>	client id: <u>MW-4MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3552-01MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.48		0.20	U	4.0	87		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3552</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3552-01</u>	client id: <u>MW-4MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3552-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.52		0.20	U	4.0	88		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3552</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3552-04</u>	client id: <u>MW-10MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3552-04MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1060		20.5	J	1000	104		P
Antimony	ug/L	75 - 125	451		25.0	U	400	113		P
Arsenic	ug/L	75 - 125	444		5.08	J	400	110		P
Barium	ug/L	75 - 125	138		32.8	J	100	105		P
Beryllium	ug/L	75 - 125	99.3		0.69	J	100	99		P
Cadmium	ug/L	75 - 125	101		3.00	U	100	101		P
Calcium	ug/L	75 - 125	380000		358000		500	4346		P
Chromium	ug/L	75 - 125	191		5.00	U	200	96		P
Cobalt	ug/L	75 - 125	107		15.0	U	100	107		P
Copper	ug/L	75 - 125	134		10.0	U	150	89		P
Iron	ug/L	75 - 125	55200		52900		1500	151		P
Lead	ug/L	75 - 125	499		5.42	J	500	99		P
Magnesium	ug/L	75 - 125	560000		528000		1000	3216		P
Manganese	ug/L	75 - 125	1310		1120		100	186		P
Nickel	ug/L	75 - 125	267		3.43	J	250	105		P
Potassium	ug/L	75 - 125	133000		116000		5000	337		P
Selenium	ug/L	75 - 125	1030		10.0	U	1000	103		P
Silver	ug/L	75 - 125	46.8		2.29	J	37.5	119		P
Sodium	ug/L	75 - 125	4770000	D	4410000	D	1500	24237		P
Thallium	ug/L	75 - 125	911		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	115		20.0	U	100	115		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3552</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3552-04</u>	client id: <u>MW-10MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3552-04MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1020		20.5	J	1000	100		P
Antimony	ug/L	75 - 125	413		25.0	U	400	103		P
Arsenic	ug/L	75 - 125	421		5.08	J	400	104		P
Barium	ug/L	75 - 125	130		32.8	J	100	97		P
Beryllium	ug/L	75 - 125	96.0		0.69	J	100	95		P
Cadmium	ug/L	75 - 125	97.3		3.00	U	100	97		P
Calcium	ug/L	75 - 125	353000		358000		500	-1024		P
Chromium	ug/L	75 - 125	190		5.00	U	200	95		P
Cobalt	ug/L	75 - 125	103		15.0	U	100	103		P
Copper	ug/L	75 - 125	130		10.0	U	150	87		P
Iron	ug/L	75 - 125	50500		52900		1500	-159		P
Lead	ug/L	75 - 125	478		5.42	J	500	95		P
Magnesium	ug/L	75 - 125	520000		528000		1000	-765		P
Manganese	ug/L	75 - 125	1230		1120		100	104		P
Nickel	ug/L	75 - 125	258		3.43	J	250	102		P
Potassium	ug/L	75 - 125	124000		116000		5000	169		P
Selenium	ug/L	75 - 125	984		10.0	U	1000	98		P
Silver	ug/L	75 - 125	44.5		2.29	J	37.5	113		P
Sodium	ug/L	75 - 125	4340000	D	4410000	D	1500	-4429		P
Thallium	ug/L	75 - 125	889		20.0	U	1000	89		P
Vanadium	ug/L	75 - 125	149		20.0	U	150	99		P
Zinc	ug/L	75 - 125	108		20.0	U	100	108		P

Metals
- 5b -

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Matrix: _____

Level: LOW

Client ID: _____

Sample ID: _____ **Spiked ID:** _____

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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A
B
C
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G
H
I
J

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3552</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3552-01</u>	Client ID:	<u>MW-4DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3552-01DUP	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

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3552</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3552-01MS</u>	Client ID:	<u>MW-4MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3552-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.48		3.52		1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3552-04 **Client ID:** MW-10DUP
Percent Solids for Sample: NA **Duplicate ID** Q3552-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	20.5	J	44.9	J	75		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	5.08	J	4.94	J	3		P
Barium	ug/L	20	32.8	J	33.6	J	2		P
Beryllium	ug/L	20	0.69	J	0.78	J	12		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	358000		356000		1		P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	52900		50900		4		P
Lead	ug/L	20	5.42	J	4.98	J	8		P
Magnesium	ug/L	20	528000		528000		0		P
Manganese	ug/L	20	1120		1110		1		P
Nickel	ug/L	20	3.43	J	3.27	J	5		P
Potassium	ug/L	20	116000		116000		0		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	2.29	J	2.36	J	3		P
Sodium	ug/L	20	4410000	D	4260000	D	3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	4.65	J	200.0		P
Zinc	ug/L	20	20.0	U	20.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3552-04MS **Client ID:** MW-10MSD
Percent Solids for Sample: NA **Duplicate ID** Q3552-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1060		1020		4		P
Antimony	ug/L	20	451		413		9		P
Arsenic	ug/L	20	444		421		5		P
Barium	ug/L	20	138		130		6		P
Beryllium	ug/L	20	99.3		96.0		3		P
Cadmium	ug/L	20	101		97.3		4		P
Calcium	ug/L	20	380000		353000		7		P
Chromium	ug/L	20	191		190		1		P
Cobalt	ug/L	20	107		103		4		P
Copper	ug/L	20	134		130		3		P
Iron	ug/L	20	55200		50500		9		P
Lead	ug/L	20	499		478		4		P
Magnesium	ug/L	20	560000		520000		7		P
Manganese	ug/L	20	1310		1230		6		P
Nickel	ug/L	20	267		258		3		P
Potassium	ug/L	20	133000		124000		7		P
Selenium	ug/L	20	1030		984		5		P
Silver	ug/L	20	46.8		44.5		5		P
Sodium	ug/L	20	4770000	D	4340000	D	9		P
Thallium	ug/L	20	911		889		2		P
Vanadium	ug/L	20	154		149		3		P
Zinc	ug/L	20	115		108		6		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170409BS Mercury	ug/L	4.0	3.74		94	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	SDG No.:	<u>Q3552</u>
Contract:	<u>REMI02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170411BS							
Aluminum	ug/L	1000	1080		108	80 - 120	P
Antimony	ug/L	400	430		108	80 - 120	P
Arsenic	ug/L	400	413		103	80 - 120	P
Barium	ug/L	100	104		104	80 - 120	P
Beryllium	ug/L	100	109		109	80 - 120	P
Cadmium	ug/L	100	100		100	80 - 120	P
Calcium	ug/L	500	537	J	107	80 - 120	P
Chromium	ug/L	200	213		106	80 - 120	P
Cobalt	ug/L	100	103		103	80 - 120	P
Copper	ug/L	150	164		109	80 - 120	P
Iron	ug/L	1500	1620		108	80 - 120	P
Lead	ug/L	500	496		99	80 - 120	P
Magnesium	ug/L	1000	1070		107	80 - 120	P
Manganese	ug/L	100	107		107	80 - 120	P
Nickel	ug/L	250	259		104	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	1050		105	80 - 120	P
Silver	ug/L	37.5	39.0		104	80 - 120	P
Sodium	ug/L	1500	1530		102	80 - 120	P
Thallium	ug/L	1000	1180		118	80 - 120	P
Vanadium	ug/L	150	160		107	80 - 120	P
Zinc	ug/L	100	108		108	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-4L

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **Lb No.:** lb137799 **Lab Sample ID :** Q3552-01L **SDG No.:** Q3552
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
Mercury	0.20 U	1.00 U			CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-10L

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **Lb No.:** lb137834 **Lab Sample ID :** Q3552-04L **SDG No.:** Q3552
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
		C		C			
Aluminum	20.5	J	250	U	100.0		P
Antimony	25.0	U	125	U			P
Arsenic	5.08	J	50.0	U	100.0		P
Barium	32.8	J	250	U	100.0		P
Beryllium	0.69	J	15.0	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Calcium	358000		379000		6		P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	52900		46500		12		P
Lead	5.42	J	30.0	U	100.0		P
Magnesium	528000		554000		5		P
Manganese	1120		1180		5		P
Nickel	3.43	J	100	U	100.0		P
Potassium	116000		104000		11		P
Selenium	10.0	U	50.0	U			P
Silver	2.29	J	25.0	U	100.0		P
Sodium	3460000	OR	3440000		0		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	16.0	J	100.0		P
Zinc	20.0	U	100	U			P

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number: _____

Method: _____

Run number: LB137799

Start date: 11/06/2025

End date: 11/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1310	HG
S0.2	S0.2	1	1313	HG
S2.5	S2.5	1	1315	HG
S5	S5	1	1317	HG
S7.5	S7.5	1	1322	HG
S10	S10	1	1328	HG
ICV101	ICV101	1	1337	HG
ICB101	ICB101	1	1339	HG
CCV34	CCV34	1	1341	HG
CCB34	CCB34	1	1343	HG
CRA	CRA	1	1346	HG
CCV35	CCV35	1	1409	HG
CCB35	CCB35	1	1411	HG
PB170409BL	PB170409BL	1	1425	HG
PB170409BS	PB170409BS	1	1427	HG
Q3552-01	MW-4	1	1432	HG
Q3552-01DUP	MW-4DUP	1	1434	HG
CCV36	CCV36	1	1436	HG
CCB36	CCB36	1	1438	HG
Q3552-01MS	MW-4MS	1	1441	HG
Q3552-01MSD	MW-4MSD	1	1446	HG
Q3552-02	MW-8	1	1448	HG
Q3552-03	MW-9	1	1450	HG
Q3552-04	MW-10	1	1453	HG
Q3552-05	MW-3	1	1455	HG
CCV37	CCV37	1	1457	HG
CCB37	CCB37	1	1459	HG
Q3552-01L	MW-4L	5	1509	HG
CCV38	CCV38	1	1513	HG
CCB38	CCB38	1	1515	HG

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number: _____

Method: _____

Run number: LB137834

Start date: 11/07/2025

End date: 11/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1254	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	1258	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	1303	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	1307	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	1311	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	1315	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	1319	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	1336	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	1342	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	1346	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	1351	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	1355	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	1412	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	1417	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170411BL	PB170411BL	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170411BS	PB170411BS	1	1456	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	1504	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	1514	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-01	MW-4	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-02	MW-8	1	1525	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-03	MW-9	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04	MW-10	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04DUP	MW-10DUP	1	1538	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04L	MW-10L	5	1542	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04MS	MW-10MS	1	1546	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04MSD	MW-10MSD	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-05	MW-3	1	1559	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	1603	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	1607	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number:

Method:

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	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	1124	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	1128	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	1132	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	1137	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	1141	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	1145	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	1157	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	1211	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	1216	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	1221	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	1226	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	1238	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	1242	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	1328	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	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04	MW-10	10	1442	Na
CCV03	CCV03	1	1446	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	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04DUP	MW-10DUP	10	1455	Na
Q3552-04MS	MW-10MS	10	1503	Na
Q3552-04MSD	MW-10MSD	10	1508	Na
CCV04	CCV04	1	1544	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	1547	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	1635	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	1638	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	1727	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	1731	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	1914	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	1918	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	2011	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	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3552

Instrument id number:

Method:

Run number: LB137858

Start date: 11/11/2025

End date: 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1147	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	1152	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	1156	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	1200	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	1204	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	1208	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	1233	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	1301	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	1305	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	1319	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	1323	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	1327	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	1347	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	1351	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	1440	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	1444	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	1529	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	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-02	MW-8	10	1537	Mn,Na
CCV04	CCV04	1	1639	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	1643	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	1730	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	1734	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	1820	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	1824	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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 INTERELEMEN CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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 INTERELEMEN CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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

LAB CHRONICLE

OrderID:	Q3552	OrderDate:	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	MW-4	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
Q3552-02	MW-8	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
			Metals ICP-TAL	6010D		11/06/25	11/11/25	
Q3552-03	MW-9	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
Q3552-04	MW-10	Water	Mercury	7470A	11/05/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
			Metals ICP-TAL	6010D		11/06/25	11/10/25	
Q3552-05	MW-3	Water	Mercury	7470A	11/04/25	11/06/25	11/06/25	11/05/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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: PB170409							
PB170409BL	PB170409BL	MB	WATER	11/06/2025	30.0	30.0	
PB170409BS	PB170409BS	LCS	WATER	11/06/2025	30.0	30.0	
Q3552-01	MW-4	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-01DUP	MW-4DUP	DUP	WATER	11/06/2025	30.0	30.0	
Q3552-01MS	MW-4MS	MS	WATER	11/06/2025	30.0	30.0	
Q3552-01MSD	MW-4MSD	MSD	WATER	11/06/2025	30.0	30.0	
Q3552-02	MW-8	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-03	MW-9	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-04	MW-10	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-05	MW-3	SAM	WATER	11/06/2025	30.0	30.0	

Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3552

Contract: REMI02

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: PB170411							
PB170411BL	PB170411BL	MB	WATER	11/06/2025	50.0	25.0	
PB170411BS	PB170411BS	LCS	WATER	11/06/2025	50.0	25.0	
Q3552-01	MW-4	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-02	MW-8	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-03	MW-9	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-04	MW-10	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-04DUP	MW-10DUP	DUP	WATER	11/06/2025	50.0	25.0	
Q3552-04MS	MW-10MS	MS	WATER	11/06/2025	50.0	25.0	
Q3552-04MSD	MW-10MSD	MSD	WATER	11/06/2025	50.0	25.0	
Q3552-05	MW-3	SAM	WATER	11/06/2025	50.0	25.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872		
ICV Standard	MP87873		
CCV Standard	MP87875		
ICSA Standard			
CRI Standard	MP87877		
LCS Standard			
Chk Standard	MP87874,MP87876,MP87878,MP87864		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/06/25 13:10		mohan	OK
2	S0.2	S0.2	CAL2	11/06/25 13:13		mohan	OK
3	S2.5	S2.5	CAL3	11/06/25 13:15		mohan	OK
4	S5	S5	CAL4	11/06/25 13:17		mohan	OK
5	S7.5	S7.5	CAL5	11/06/25 13:22		mohan	OK
6	S10	S10	CAL6	11/06/25 13:28		mohan	OK
7	ICV101	ICV101	ICV	11/06/25 13:37		mohan	OK
8	ICB101	ICB101	ICB	11/06/25 13:39		mohan	OK
9	CCV34	CCV34	CCV	11/06/25 13:41		mohan	OK
10	CCB34	CCB34	CCB	11/06/25 13:43		mohan	OK
11	CRA	CRA	CRDL	11/06/25 13:46		mohan	OK
12	HighStd	HighStd	HIGH STD	11/06/25 13:48		mohan	OK
13	ChkStd	ChkStd	SAM	11/06/25 13:50		mohan	OK
14	PB170408BL	PB170408BL	MB	11/06/25 13:53		mohan	OK
15	PB170408BS	PB170408BS	LCS	11/06/25 13:55		mohan	OK
16	Q3532-04	TP-1	SAM	11/06/25 13:57		mohan	OK
17	Q3532-04DUP	TP-1DUP	DUP	11/06/25 14:00		mohan	OK
18	Q3532-04MS	TP-1MS	MS	11/06/25 14:02		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872		
ICV Standard	MP87873		
CCV Standard	MP87875		
ICSA Standard			
CRI Standard	MP87877		
LCS Standard			
Chk Standard	MP87874,MP87876,MP87878,MP87864		

19	Q3532-04MSD	TP-1MSD	MSD	11/06/25 14:04		mohan	OK
20	Q3532-08	TP-2	SAM	11/06/25 14:06		mohan	OK
21	CCV35	CCV35	CCV	11/06/25 14:09		mohan	OK
22	CCB35	CCB35	CCB	11/06/25 14:11		mohan	OK
23	Q3536-02	FILTER-COMP	SAM	11/06/25 14:13		mohan	OK
24	Q3537-02	MW-17-SOIL	SAM	11/06/25 14:16		mohan	OK
25	Q3544-04	ONYX-1	SAM	11/06/25 14:18		mohan	OK
26	Q3546-10	TP-COMP	SAM	11/06/25 14:20		mohan	OK
27	Q3549-02	RT4922	SAM	11/06/25 14:22		mohan	OK
28	PB170409BL	PB170409BL	MB	11/06/25 14:25		mohan	OK
29	PB170409BS	PB170409BS	LCS	11/06/25 14:27		mohan	OK
30	Q3534-10	EB-1	SAM	11/06/25 14:29		mohan	OK
31	Q3552-01	MW-4	SAM	11/06/25 14:32		mohan	OK
32	Q3552-01DUP	MW-4DUP	DUP	11/06/25 14:34		mohan	OK
33	CCV36	CCV36	CCV	11/06/25 14:36		mohan	OK
34	CCB36	CCB36	CCB	11/06/25 14:38		mohan	OK
35	Q3552-01MS	MW-4MS	MS	11/06/25 14:41		mohan	OK
36	Q3552-01MSD	MW-4MSD	MSD	11/06/25 14:46		mohan	OK
37	Q3552-02	MW-8	SAM	11/06/25 14:48		mohan	OK
38	Q3552-03	MW-9	SAM	11/06/25 14:50		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872		
ICV Standard	MP87873		
CCV Standard	MP87875		
ICSA Standard			
CRI Standard	MP87877		
LCS Standard			
Chk Standard	MP87874,MP87876,MP87878,MP87864		

39	Q3552-04	MW-10	SAM	11/06/25 14:53		mohan	OK
40	Q3552-05	MW-3	SAM	11/06/25 14:55		mohan	OK
41	CCV37	CCV37	CCV	11/06/25 14:57		mohan	OK
42	CCB37	CCB37	CCB	11/06/25 14:59		mohan	OK
43	PB170394TB	PB170394TB	MB	11/06/25 15:02		mohan	OK
44	Q3532-04L	TP-1L	SD	11/06/25 15:04		mohan	OK
45	Q3532-04A	TP-1A	PS	11/06/25 15:06		mohan	OK
46	Q3552-01L	MW-4L	SD	11/06/25 15:09		mohan	OK
47	Q3552-01A	MW-4A	PS	11/06/25 15:11		mohan	OK
48	CCV38	CCV38	CCV	11/06/25 15:13		mohan	OK
49	CCB38	CCB38	CCB	11/06/25 15:15		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/07/25 12:54		Jaswal	OK
2	S1	S1	CAL2	11/07/25 12:58		Jaswal	OK
3	S2	S2	CAL3	11/07/25 13:03		Jaswal	OK
4	S3	S3	CAL4	11/07/25 13:07		Jaswal	OK
5	S4	S4	CAL5	11/07/25 13:11		Jaswal	OK
6	S5	S5	CAL6	11/07/25 13:15		Jaswal	OK
7	ICV01	ICV01	ICV	11/07/25 13:19		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/07/25 13:36		Jaswal	OK
9	ICB01	ICB01	ICB	11/07/25 13:42		Jaswal	OK
10	CRI01	CRI01	CRDL	11/07/25 13:46		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/07/25 13:51		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/07/25 13:55		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/07/25 13:59		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/07/25 14:03		Jaswal	OK
15	CCV01	CCV01	CCV	11/07/25 14:12		Jaswal	OK
16	CCB01	CCB01	CCB	11/07/25 14:17		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/07/25 14:21		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/07/25 14:26		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	LR-3	LR-3	HIGH STD	11/07/25 14:30		Jaswal	OK
20	Q3536-03DL	2061DL	SAM	11/07/25 14:35	5X For Fe, Ag	Jaswal	Confirms
21	PB170394TB	PB170394TB	MB	11/07/25 14:39		Jaswal	OK
22	PB170412BL	PB170412BL	MB	11/07/25 14:43		Jaswal	OK
23	PB170412BS	PB170412BS	LCS	11/07/25 14:47		Jaswal	OK
24	PB170411BL	PB170411BL	MB	11/07/25 14:52		Jaswal	OK
25	PB170411BS	PB170411BS	LCS	11/07/25 14:56		Jaswal	OK
26	Q3534-10	EB-1	SAM	11/07/25 15:00		Jaswal	OK
27	CCV02	CCV02	CCV	11/07/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	11/07/25 15:14		Jaswal	OK
29	Q3552-01	MW-4	SAM	11/07/25 15:20		Jaswal	OK
30	Q3552-02	MW-8	SAM	11/07/25 15:25	Mn,Na is high, Need dilution	Jaswal	Dilution
31	Q3552-03	MW-9	SAM	11/07/25 15:29		Jaswal	OK
32	Q3552-04	MW-10	SAM	11/07/25 15:33	Na high	Jaswal	Dilution
33	Q3552-04DUP	MW-10DUP	DUP	11/07/25 15:38	Na high	Jaswal	Dilution
34	Q3552-04L	MW-10L	SD	11/07/25 15:42		Jaswal	OK
35	Q3552-04MS	MW-10MS	MS	11/07/25 15:46	Na high	Jaswal	Dilution
36	Q3552-04MSD	MW-10MSD	MSD	11/07/25 15:51	Na high	Jaswal	Dilution
37	Q3552-04A	MW-10A	PS	11/07/25 15:55	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

38	Q3552-05	MW-3	SAM	11/07/25 15:59		Jaswal	OK
39	CCV03	CCV03	CCV	11/07/25 16:03		Jaswal	OK
40	CCB03	CCB03	CCB	11/07/25 16:07		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 11:20		Jaswal	OK
2	S1	S1	CAL2	11/10/25 11:24		Jaswal	OK
3	S2	S2	CAL3	11/10/25 11:28		Jaswal	OK
4	S3	S3	CAL4	11/10/25 11:32		Jaswal	OK
5	S4	S4	CAL5	11/10/25 11:37		Jaswal	OK
6	S5	S5	CAL6	11/10/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	11/10/25 11:45		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/10/25 11:57		Jaswal	OK
9	ICB01	ICB01	ICB	11/10/25 12:11		Jaswal	OK
10	CRI01	CRI01	CRDL	11/10/25 12:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/10/25 12:21		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/10/25 12:26		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/10/25 12:30		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/10/25 12:34		Jaswal	OK
15	CCV01	CCV01	CCV	11/10/25 12:38		Jaswal	OK
16	CCB01	CCB01	CCB	11/10/25 12:42		Jaswal	OK
17	Q3504-01	72-11986	SAM	11/10/25 12:47		Jaswal	OK
18	Q3562-01	EO-03-110625	SAM	11/10/25 12:51	MS/MSD fail for more than 50% parameters	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	Q3564-01	OR-03-11062025	SAM	11/10/25 12:55		Jaswal	OK
20	Q3577-01	WC-1A	SAM	11/10/25 13:00		Jaswal	OK
21	Q3580-01	346	SAM	11/10/25 13:04		Jaswal	OK
22	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 13:08	MS/MSD fail for more than 50% parameters	Jaswal	OK
23	Q3562-01L	EO-03-110625L	SD	11/10/25 13:12	MS/MSD fail for more than 50% parameters	Jaswal	OK
24	Q3562-01MS	EO-03-110625MS	MS	11/10/25 13:16	MS/MSD fail for more than 50% parameters	Jaswal	OK
25	Q3562-01MSD	EO-03-110625MSD	MSD	11/10/25 13:20	MS/MSD fail for more than 50% parameters	Jaswal	OK
26	Q3562-01A	EO-03-110625A	PS	11/10/25 13:24	MS/MSD fail for more than 50% parameters	Jaswal	OK
27	CCV02	CCV02	CCV	11/10/25 13:28		Jaswal	OK
28	CCB02	CCB02	CCB	11/10/25 13:54		Jaswal	OK
29	PB170412BL	PB170412BL	MB	11/10/25 13:58		Jaswal	OK
30	PB170412BS	PB170412BS	LCS	11/10/25 14:03		Jaswal	OK
31	Q3547-02	Comp	SAM	11/10/25 14:07		Jaswal	OK
32	Q3547-02DUP	CompDUP	DUP	11/10/25 14:17		Jaswal	OK
33	Q3547-02L	CompL	SD	11/10/25 14:21		Jaswal	OK
34	Q3547-02MS	CompMS	MS	11/10/25 14:26		Jaswal	OK
35	Q3547-02MSD	CompMSD	MSD	11/10/25 14:30		Jaswal	OK
36	Q3547-02A	CompA	PS	11/10/25 14:34	0.1ml m6008,m6017-10ml sample	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

37	Q3551-01	MANHOLE	SAM	11/10/25 14:38		Jaswal	OK
38	Q3552-04DL	MW-10DL	SAM	11/10/25 14:42	10x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/10/25 14:46		Jaswal	OK
40	CCB03	CCB03	CCB	11/10/25 14:50		Jaswal	OK
41	Q3552-04DUPDL	MW-10DUPDL	DUP	11/10/25 14:55	10x for Na	Jaswal	Confirms
42	Q3552-04LDL	MW-10LDL	SD	11/10/25 14:59	NOT REQUIRED	Jaswal	Not Ok
43	Q3552-04MSDL	MW-10MSDL	MS	11/10/25 15:03	10x for Na	Jaswal	Confirms
44	Q3552-04MSDDL	MW-10MSDDL	MSD	11/10/25 15:08	10x for Na	Jaswal	Confirms
45	Q3552-04ADL	MW-10ADL	PS	11/10/25 15:12	NOT REQUIRED	Jaswal	Not Ok
46	PB170434BL	PB170434BL	MB	11/10/25 15:22		Jaswal	OK
47	PB170434BS	PB170434BS	LCS	11/10/25 15:27		Jaswal	OK
48	Q3560-01	SY-10D	SAM	11/10/25 15:31		Jaswal	OK
49	Q3560-02	SY-10D	SAM	11/10/25 15:35		Jaswal	OK
50	Q3560-03	SY-10S	SAM	11/10/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	11/10/25 15:44		Jaswal	OK
52	CCB04	CCB04	CCB	11/10/25 15:47		Jaswal	OK
53	Q3560-04	SY-10S	SAM	11/10/25 15:52		Jaswal	OK
54	Q3560-05	SY-10I	SAM	11/10/25 15:56		Jaswal	OK
55	Q3560-06	SY-10I	SAM	11/10/25 16:00		Jaswal	OK
56	Q3560-07	SY-12I	SAM	11/10/25 16:05		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

57	Q3560-08	SY-12I	SAM	11/10/25 16:09		Jaswal	OK
58	Q3560-09	SY-12D	SAM	11/10/25 16:13		Jaswal	OK
59	Q3560-10	SY-12D	SAM	11/10/25 16:17		Jaswal	OK
60	Q3566-01	WATER-TREATMENT	SAM	11/10/25 16:22		Jaswal	OK
61	Q3566-01DUP	WATER-TREATMENT	DUP	11/10/25 16:26		Jaswal	OK
62	Q3566-01L	WATER-TREATMENT	SD	11/10/25 16:30		Jaswal	OK
63	CCV05	CCV05	CCV	11/10/25 16:35		Jaswal	OK
64	CCB05	CCB05	CCB	11/10/25 16:38		Jaswal	OK
65	Q3566-01MS	WATER-TREATMENT	MS	11/10/25 16:43		Jaswal	OK
66	Q3566-01MSD	WATER-TREATMENT	MSD	11/10/25 16:47		Jaswal	OK
67	Q3566-01A	WATER-TREATMENT	PS	11/10/25 16:51	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	Q3569-01	MW-2	SAM	11/10/25 16:55		Jaswal	OK
69	Q3569-02	MW-12	SAM	11/10/25 16:59		Jaswal	OK
70	PB170461BL	PB170461BL	MB	11/10/25 17:04		Jaswal	OK
71	PB170461BS	PB170461BS	LCS	11/10/25 17:08		Jaswal	OK
72	Q3575-02	002 35th Ave (Nov)	SAM	11/10/25 17:14		Jaswal	OK
73	Q3575-02DUP	002 35th Ave (Nov)DU	DUP	11/10/25 17:18		Jaswal	OK
74	Q3575-02L	002 35th Ave (Nov)L	SD	11/10/25 17:23		Jaswal	OK
75	CCV06	CCV06	CCV	11/10/25 17:27		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

76	CCB06	CCB06	CCB	11/10/25 17:31		Jaswal	OK
77	LR-1	LR-1	HIGH STD	11/10/25 18:18		Jaswal	OK
78	LR-2	LR-2	HIGH STD	11/10/25 18:22		Jaswal	OK
79	Q3575-02MS	002 35th Ave (Nov)MS	MS	11/10/25 18:31		Jaswal	OK
80	Q3575-02MSD	002 35th Ave (Nov)MSD	MSD	11/10/25 18:35		Jaswal	OK
81	Q3575-02A	002 35th Ave (Nov)A	PS	11/10/25 18:39	0.1ml m6008,m6017-10ml sample	Jaswal	OK
82	LR-3	LR-3	HIGH STD	11/10/25 18:53		Jaswal	OK
83	Q3575-01	001 Willets Pt Blvd (N	SAM	11/10/25 18:57		Jaswal	OK
84	Q3531-01	FALL-2025	SAM	11/10/25 19:02		Jaswal	OK
85	Q3586-01	SED-1	SAM	11/10/25 19:06		Jaswal	OK
86	Q3586-02	SED-2	SAM	11/10/25 19:10		Jaswal	OK
87	CCV07	CCV07	CCV	11/10/25 19:14		Jaswal	OK
88	CCB07	CCB07	CCB	11/10/25 19:18		Jaswal	OK
89	Q3586-03	SED-3	SAM	11/10/25 19:22		Jaswal	OK
90	Q3587-01	NB-08-110725	SAM	11/10/25 19:26		Jaswal	OK
91	Q3588-01	TR-06-11072025	SAM	11/10/25 19:30		Jaswal	OK
92	Q3588-03	TR-01-11072025	SAM	11/10/25 19:34		Jaswal	OK
93	Q3581-01	VNJ-238	SAM	11/10/25 19:38		Jaswal	OK
94	Q3581-01DUP	VNJ-238DUP	DUP	11/10/25 19:42		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

95	Q3581-01L	VNJ-238L	SD	11/10/25 19:46		Jaswal	OK
96	Q3581-01MS	VNJ-238MS	MS	11/10/25 19:50		Jaswal	OK
97	Q3581-01MSD	VNJ-238MSD	MSD	11/10/25 19:54		Jaswal	OK
98	Q3581-01A	VNJ-238A	PS	11/10/25 19:58	0.1ml m6008,m6017-10ml sample	Jaswal	OK
99	CCV08	CCV08	CCV	11/10/25 20:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/10/25 20:26		Jaswal	OK
101	Q3581-03	VNJ-245	SAM	11/10/25 20:30	Mn high	Jaswal	Dilution
102	Q3581-05	VNJ-240	SAM	11/10/25 20:34		Jaswal	OK
103	Q3581-07	RBR200059	SAM	11/10/25 20:38		Jaswal	OK
104	Q3582-04	RT4912	SAM	11/10/25 20:42		Jaswal	OK
105	Q3583-04	CHRT27080	SAM	11/10/25 20:46		Jaswal	OK
106	Q3581-03DL	VNJ-245DL	SAM	11/10/25 20:50	10x for Mn	Jaswal	Confirms
107	Q3584-01	SW-1	SAM	11/10/25 21:15		Jaswal	OK
108	Q3584-02	SW-2	SAM	11/10/25 21:20	Na high	Jaswal	Dilution
109	CCV09	CCV09	CCV	11/10/25 21:31		Jaswal	OK
110	CCB09	CCB09	CCB	11/10/25 21:41		Jaswal	OK
111	Q3584-03	SW-3	SAM	11/10/25 21:46	Na high	Jaswal	Dilution
112	Q3584-03DUP	SW-3DUP	DUP	11/10/25 21:50	Na high	Jaswal	Dilution
113	Q3584-03L	SW-3L	SD	11/10/25 21:55		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

114	Q3584-03MS	SW-3MS	MS	11/10/25 21:59	Na high	Jaswal	Dilution
115	Q3584-03MSD	SW-3MSD	MSD	11/10/25 22:03	Na high	Jaswal	Dilution
116	Q3584-03A	SW-3A	PS	11/10/25 22:08	0.1ml m6008,m6017-10ml sample	Jaswal	OK
117	Q3584-04	EB-2	SAM	11/10/25 22:12		Jaswal	OK
118	Q3584-05	FB-2	SAM	11/10/25 22:16		Jaswal	OK
119	Q3584-07DL	SEEP-1DL	SAM	11/10/25 22:20	Straight 10x Dilution	Jaswal	OK
120	Q3574-01	304641-01 Liquid	SAM	11/10/25 22:24		Jaswal	OK
121	CCV10	CCV10	CCV	11/10/25 22:29		Jaswal	OK
122	CCB10	CCB10	CCB	11/10/25 22:47		Jaswal	OK
123	Q3584-02DL	SW-2DL	SAM	11/10/25 22:51	10x for Na	Jaswal	Confirms
124	Q3584-03DL	SW-3DL	SAM	11/10/25 22:55	10x for Na	Jaswal	Confirms
125	Q3584-03DUPDL	SW-3DUPDL	DUP	11/10/25 23:00	10x for Na	Jaswal	Confirms
126	Q3584-03LDL	SW-3LDL	SD	11/10/25 23:04	NOT REQUIRED	Jaswal	Not Ok
127	Q3584-03MSDL	SW-3MSDL	MS	11/10/25 23:08	10x for Na	Jaswal	Confirms
128	Q3584-03MSDDL	SW-3MSDDL	MSD	11/10/25 23:13	10x for Na	Jaswal	Confirms
129	Q3584-03ADL	SW-3ADL	PS	11/10/25 23:17	NOT REQUIRED	Jaswal	Not Ok
130	Q3574-01DL	304641-01 LiquidDL	SAM	11/10/25 23:21	NOT REQUIRED	Jaswal	Not Ok
131	Q3584-07DL2	SEEP-1DL2	SAM	11/10/25 23:26	NOT REQUIRED	Jaswal	Not Ok
132	CCV11	CCV11	CCV	11/10/25 23:30		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

133	CCB11	CCB11	CCB	11/10/25 23:34		Jaswal	OK
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A
B
C
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J

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/11/25 11:47		Jaswal	OK
2	S1	S1	CAL2	11/11/25 11:52		Jaswal	OK
3	S2	S2	CAL3	11/11/25 11:56		Jaswal	OK
4	S3	S3	CAL4	11/11/25 12:00		Jaswal	OK
5	S4	S4	CAL5	11/11/25 12:04		Jaswal	OK
6	S5	S5	CAL6	11/11/25 12:08		Jaswal	OK
7	ICV01	ICV01	ICV	11/11/25 12:33		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/11/25 13:01		Jaswal	OK
9	ICB01	ICB01	ICB	11/11/25 13:05		Jaswal	OK
10	CRI01	CRI01	CRDL	11/11/25 13:19		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/11/25 13:23		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/11/25 13:27		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/11/25 13:31		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/11/25 13:42		Jaswal	OK
15	CCV01	CCV01	CCV	11/11/25 13:47		Jaswal	OK
16	CCB01	CCB01	CCB	11/11/25 13:51		Jaswal	OK
17	PB170480BL	PB170480BL	MB	11/11/25 13:58		Jaswal	OK
18	PB170480BS	PB170480BS	LCS	11/11/25 14:02		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	Q3592-01	11625	SAM	11/11/25 14:07		Jaswal	OK
20	Q3597-01	TP-1	SAM	11/11/25 14:12		Jaswal	OK
21	Q3597-04	TP-2	SAM	11/11/25 14:16		Jaswal	OK
22	Q3597-07	TP-3	SAM	11/11/25 14:20		Jaswal	OK
23	Q3597-10	TP-4	SAM	11/11/25 14:24		Jaswal	OK
24	Q3598-01	EO-CONCRETE	SAM	11/11/25 14:28		Jaswal	OK
25	Q3599-01	LIVINGSTON-SOIL	SAM	11/11/25 14:32	Ca High	Jaswal	Dilution
26	Q3600-01	CENTRAL-ROW-CON	SAM	11/11/25 14:36		Jaswal	OK
27	CCV02	CCV02	CCV	11/11/25 14:40		Jaswal	OK
28	CCB02	CCB02	CCB	11/11/25 14:44		Jaswal	OK
29	Q3601-01	TP-1	SAM	11/11/25 14:49		Jaswal	OK
30	Q3601-05	TP-2	SAM	11/11/25 14:53		Jaswal	OK
31	Q3601-09	TP-3	SAM	11/11/25 14:57		Jaswal	OK
32	Q3601-13	TP-4	SAM	11/11/25 15:01		Jaswal	OK
33	Q3601-17	TP-5	SAM	11/11/25 15:05		Jaswal	OK
34	Q3601-17DUP	TP-5DUP	DUP	11/11/25 15:09		Jaswal	OK
35	Q3601-17L	TP-5L	SD	11/11/25 15:13		Jaswal	OK
36	Q3601-17MS	TP-5MS	MS	11/11/25 15:17		Jaswal	OK
37	Q3601-17MSD	TP-5MSD	MSD	11/11/25 15:21		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

38	Q3601-17A	TP-5A	PS	11/11/25 15:25	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
39	CCV03	CCV03	CCV	11/11/25 15:29		Jaswal	OK
40	CCB03	CCB03	CCB	11/11/25 15:33		Jaswal	OK
41	Q3552-02DL	MW-8DL	SAM	11/11/25 15:37	10x for Mn,Na	Jaswal	Confirms
42	Q3599-01DL	LIVINGSTON-SOILDL	SAM	11/11/25 15:41	10x for Ca	Jaswal	Confirms
43	PB170488BL	PB170488BL	MB	11/11/25 16:05		Jaswal	OK
44	PB170488BS	PB170488BS	LCS	11/11/25 16:09		Jaswal	OK
45	PB170462TB	PB170462TB	MB	11/11/25 16:13		Jaswal	OK
46	Q3496-06	DRILL-CUTTINGS	SAM	11/11/25 16:18		Jaswal	OK
47	Q3577-04	WC-1A	SAM	11/11/25 16:22		Jaswal	OK
48	Q3581-02	VNJ-238	SAM	11/11/25 16:26		Jaswal	OK
49	Q3581-04	VNJ-245	SAM	11/11/25 16:30		Jaswal	OK
50	Q3581-06	VNJ-240	SAM	11/11/25 16:35		Jaswal	OK
51	CCV04	CCV04	CCV	11/11/25 16:39		Jaswal	OK
52	CCB04	CCB04	CCB	11/11/25 16:43		Jaswal	OK
53	Q3581-08	RBR200059	SAM	11/11/25 16:47		Jaswal	OK
54	Q3590-01	MOO-25-0314-0316-C	SAM	11/11/25 16:51		Jaswal	OK
55	Q3590-03	MOO-25-0317-0318-C	SAM	11/11/25 16:56		Jaswal	OK
56	Q3590-05	MOO-25-0319	SAM	11/11/25 17:00		Jaswal	OK
57	Q3593-04	A-LAW-25-0167-0175	SAM	11/11/25 17:04		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

58	Q3593-06	B-LAW-25-0167-0175	SAM	11/11/25 17:08		Jaswal	OK
59	Q3593-08	C-LAW-25-0156-0166	SAM	11/11/25 17:13		Jaswal	OK
60	Q3593-10	D-LAW-25-0156-0166	SAM	11/11/25 17:17		Jaswal	OK
61	Q3598-02	EO-CONCRETE	SAM	11/11/25 17:21		Jaswal	OK
62	Q3599-02	LIVINGSTON-SOIL	SAM	11/11/25 17:25		Jaswal	OK
63	CCV05	CCV05	CCV	11/11/25 17:30		Jaswal	OK
64	CCB05	CCB05	CCB	11/11/25 17:34		Jaswal	OK
65	Q3601-04	TP-1	SAM	11/11/25 17:38		Jaswal	OK
66	Q3601-08	TP-2	SAM	11/11/25 17:42		Jaswal	OK
67	Q3601-12	TP-3	SAM	11/11/25 17:46		Jaswal	OK
68	Q3601-16	TP-4	SAM	11/11/25 17:51		Jaswal	OK
69	Q3601-20	TP-5	SAM	11/11/25 17:55		Jaswal	OK
70	Q3601-20DUP	TP-5DUP	DUP	11/11/25 17:59		Jaswal	OK
71	Q3601-20L	TP-5L	SD	11/11/25 18:03		Jaswal	OK
72	Q3601-20MS	TP-5MS	MS	11/11/25 18:08		Jaswal	OK
73	Q3601-20MSD	TP-5MSD	MSD	11/11/25 18:12		Jaswal	OK
74	Q3601-20A	TP-5A	PS	11/11/25 18:16	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
75	CCV06	CCV06	CCV	11/11/25 18:20		Jaswal	OK
76	CCB06	CCB06	CCB	11/11/25 18:24		Jaswal	OK

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/06/2025 Time : 09:40 Temp : 96 °C

End Digest Date: 11/06/2025 Time : 11:40 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: HG MET-DIG. # 3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87873
CCV	30mL	MP87875
CRA	30mL	MP87877
Blank Spike	0.48mL	MP87866
Matrix Spike	0.48mL	MP87866

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87867
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87868
2.5 ppb	S2.5	30mL	MP87869
5.0 ppb	S5.0	30mL	MP87870
7.5 ppb	S7.5	30mL	MP87871
10.0 ppb	S10.0	30mL	MP87872
ICV	ICV	30mL	MP87873
ICB	ICB	30mL	MP87874
CCV	CCV	30mL	MP87875
CCB	CCB	30mL	MP87876
CRI	CRI	30mL	MP87877
CHK STD	CHK STD	30mL	MP87878

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/25 12:15	<i>[Signature]</i> - Dig. Lab	<i>[Signature]</i> - Analytical Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170409BL	PBW409	30	30	<2	N/A	3-14
PB170409BS	LCS409	30	30	<2	MP87866	15
Q3534-10	EB-1	30	30	<2	N/A	16
Q3552-01DUP	MW-4DUP	30	30	<2	N/A	18
Q3552-01MS	MW-4MS	30	30	<2	MP87866	19
Q3552-01MSD	MW-4MSD	30	30	<2	MP87866	20
Q3552-01	MW-4	30	30	<2	N/A	17
Q3552-02	MW-8	30	30	<2	N/A	21
Q3552-03	MW-9	30	30	<2	N/A	22
Q3552-04	MW-10	30	30	<2	N/A	23
Q3552-05	MW-3	30	30	<2	N/A	24

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/06/2025 Time : 10:55 Temp : 96 °C

End Digest Date: 11/06/2025 Time : 13:55 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SJS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/25 14:55	<i>SJS met dig</i>	<i>[Signature] (met dig Lab)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170411BL	PBW411	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
PB170411BS	LCS411	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	16
Q3534-10	EB-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	17
Q3552-01	MW-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3552-02	MW-8	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19
Q3552-03	MW-9	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	20
Q3552-04	MW-10	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3552-04MS	MW-10MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	23
Q3552-04MSD	MW-10MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	24
Q3552-04DUP	MW-10DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	22
Q3552-05	MW-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	25