

Hit Summary Sheet SW-846

SDG No.: Q3586 **Order ID:** Q3586
Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SED-1								
Q3586-01	SED-1	SOIL	Aluminum	11200	J	1.20	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Antimony	0.75		0.32	3.58	mg/Kg
Q3586-01	SED-1	SOIL	Arsenic	5.33		0.27	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Barium	15.8		1.05	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Beryllium	0.94		0.036	0.43	mg/Kg
Q3586-01	SED-1	SOIL	Calcium	1040		15.9	143	mg/Kg
Q3586-01	SED-1	SOIL	Chromium	19.4		0.067	0.72	mg/Kg
Q3586-01	SED-1	SOIL	Cobalt	7.09		0.14	2.15	mg/Kg
Q3586-01	SED-1	SOIL	Copper	10.8		0.32	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Iron	23500		5.71	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Lead	10.3	J	0.19	0.86	mg/Kg
Q3586-01	SED-1	SOIL	Magnesium	3630		17.2	143	mg/Kg
Q3586-01	SED-1	SOIL	Manganese	149		0.20	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Nickel	16.4		0.19	2.86	mg/Kg
Q3586-01	SED-1	SOIL	Potassium	1180		39.7	143	mg/Kg
Q3586-01	SED-1	SOIL	Selenium	0.59		0.37	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Silver	3.16		0.17	0.72	mg/Kg
Q3586-01	SED-1	SOIL	Sodium	1060		25.5	143	mg/Kg
Q3586-01	SED-1	SOIL	Vanadium	32.8		0.36	2.86	mg/Kg
Q3586-01	SED-1	SOIL	Zinc	48.9		0.33	2.86	mg/Kg
Client ID : SED-2								
Q3586-02	SED-2	SOIL	Aluminum	11000		1.80	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Antimony	6.15		0.47	5.34	mg/Kg
Q3586-02	SED-2	SOIL	Arsenic	12.5		0.41	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Barium	65.0		1.56	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Beryllium	1.18		0.053	0.64	mg/Kg
Q3586-02	SED-2	SOIL	Cadmium	1.83		0.051	0.64	mg/Kg
Q3586-02	SED-2	SOIL	Calcium	2930		23.7	214	mg/Kg
Q3586-02	SED-2	SOIL	Chromium	36.6		0.10	1.07	mg/Kg
Q3586-02	SED-2	SOIL	Cobalt	9.66		0.21	3.21	mg/Kg
Q3586-02	SED-2	SOIL	Copper	69.1		0.47	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Iron	29500	8.53	10.7	mg/Kg	
Q3586-02	SED-2	SOIL	Lead	86.5	0.28	1.28	mg/Kg	
Q3586-02	SED-2	SOIL	Magnesium	3390	25.7	214	mg/Kg	
Q3586-02	SED-2	SOIL	Manganese	204	0.30	2.14	mg/Kg	
Q3586-02	SED-2	SOIL	Mercury	0.54	0.018	0.033	mg/Kg	
Q3586-02	SED-2	SOIL	Nickel	23.1	0.28	4.28	mg/Kg	

Hit Summary Sheet
SW-846

SDG No.: Q3586

Order ID: Q3586

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3586-02	SED-2	SOIL	Potassium	1440		59.2	214	mg/Kg
Q3586-02	SED-2	SOIL	Silver	4.13		0.26	1.07	mg/Kg
Q3586-02	SED-2	SOIL	Sodium	1650		38.0	214	mg/Kg
Q3586-02	SED-2	SOIL	Vanadium	49.3		0.53	4.28	mg/Kg
Q3586-02	SED-2	SOIL	Zinc	150		0.49	4.28	mg/Kg
Client ID : SED-3								
Q3586-03	SED-3	SOIL	Aluminum	17500		1.56	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Antimony	0.45	J	0.41	4.63	mg/Kg
Q3586-03	SED-3	SOIL	Arsenic	9.51		0.35	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Barium	53.5		1.35	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Beryllium	1.51		0.046	0.56	mg/Kg
Q3586-03	SED-3	SOIL	Cadmium	0.48	J	0.044	0.56	mg/Kg
Q3586-03	SED-3	SOIL	Calcium	1880		20.6	185	mg/Kg
Q3586-03	SED-3	SOIL	Chromium	29.8		0.087	0.93	mg/Kg
Q3586-03	SED-3	SOIL	Cobalt	15.7		0.19	2.78	mg/Kg
Q3586-03	SED-3	SOIL	Copper	22.0		0.41	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Iron	26300		7.40	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Lead	20.6		0.24	1.11	mg/Kg
Q3586-03	SED-3	SOIL	Magnesium	6130		22.2	185	mg/Kg
Q3586-03	SED-3	SOIL	Manganese	224		0.26	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Mercury	0.026		0.014	0.025	mg/Kg
Q3586-03	SED-3	SOIL	Nickel	32.3		0.24	3.71	mg/Kg
Q3586-03	SED-3	SOIL	Potassium	2290		51.3	185	mg/Kg
Q3586-03	SED-3	SOIL	Silver	3.25		0.22	0.93	mg/Kg
Q3586-03	SED-3	SOIL	Sodium	3100		33.0	185	mg/Kg
Q3586-03	SED-3	SOIL	Vanadium	43.2		0.46	3.71	mg/Kg
Q3586-03	SED-3	SOIL	Zinc	76.6		0.43	3.71	mg/Kg



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-1
Lab Sample ID: Q3586-01
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 62.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11200		1	1.20	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-36-0	Antimony	0.75	JN	1	0.32	3.58	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-38-2	Arsenic	5.33		1	0.27	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-39-3	Barium	15.8		1	1.05	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-41-7	Beryllium	0.94		1	0.036	0.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-43-9	Cadmium	0.034	U	1	0.034	0.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-70-2	Calcium	1040		1	15.9	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-47-3	Chromium	19.4		1	0.067	0.72	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-48-4	Cobalt	7.09		1	0.14	2.15	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-50-8	Copper	10.8	N*	1	0.32	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-89-6	Iron	23500		1	5.71	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-92-1	Lead	10.3		1	0.19	0.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-95-4	Magnesium	3630		1	17.2	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-96-5	Manganese	149		1	0.20	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-97-6	Mercury	0.010	U	1	0.010	0.019	mg/Kg	11/11/25 08:40	11/11/25 15:09	7471B	7471B
7440-02-0	Nickel	16.4		1	0.19	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-09-7	Potassium	1180		1	39.7	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7782-49-2	Selenium	0.59	JN	1	0.37	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-22-4	Silver	3.16	N	1	0.17	0.72	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-23-5	Sodium	1060	N	1	25.5	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-28-0	Thallium	0.33	U	1	0.33	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-62-2	Vanadium	32.8	N	1	0.36	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-66-6	Zinc	48.9	*	1	0.33	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050

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: SED-2
Lab Sample ID: Q3586-02
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 41.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000		1	1.80	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-36-0	Antimony	6.15	N	1	0.47	5.34	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-38-2	Arsenic	12.5		1	0.41	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-39-3	Barium	65.0		1	1.56	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-41-7	Beryllium	1.18		1	0.053	0.64	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-43-9	Cadmium	1.83		1	0.051	0.64	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-70-2	Calcium	2930		1	23.7	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-47-3	Chromium	36.6		1	0.10	1.07	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-48-4	Cobalt	9.66		1	0.21	3.21	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-50-8	Copper	69.1	N*	1	0.47	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-89-6	Iron	29500		1	8.53	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-92-1	Lead	86.5		1	0.28	1.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-95-4	Magnesium	3390		1	25.7	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-96-5	Manganese	204		1	0.30	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-97-6	Mercury	0.54		1	0.018	0.033	mg/Kg	11/11/25 08:40	11/11/25 15:11	7471B	7471B
7440-02-0	Nickel	23.1		1	0.28	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-09-7	Potassium	1440		1	59.2	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7782-49-2	Selenium	0.56	UN	1	0.56	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-22-4	Silver	4.13	N	1	0.26	1.07	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-23-5	Sodium	1650	N	1	38.0	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-28-0	Thallium	0.49	U	1	0.49	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-62-2	Vanadium	49.3	N	1	0.53	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-66-6	Zinc	150	*	1	0.49	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050

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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: SED-3
Lab Sample ID: Q3586-03
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 50.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17500		1	1.56	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-36-0	Antimony	0.45	JN	1	0.41	4.63	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-38-2	Arsenic	9.51		1	0.35	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-39-3	Barium	53.5		1	1.35	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-41-7	Beryllium	1.51		1	0.046	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-43-9	Cadmium	0.48	J	1	0.044	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-70-2	Calcium	1880		1	20.6	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-47-3	Chromium	29.8		1	0.087	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-48-4	Cobalt	15.7		1	0.19	2.78	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-50-8	Copper	22.0	N*	1	0.41	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-89-6	Iron	26300		1	7.40	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-92-1	Lead	20.6		1	0.24	1.11	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-95-4	Magnesium	6130		1	22.2	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-96-5	Manganese	224		1	0.26	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-97-6	Mercury	0.026		1	0.014	0.025	mg/Kg	11/11/25 08:40	11/11/25 15:13	7471B	7471B
7440-02-0	Nickel	32.3		1	0.24	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-09-7	Potassium	2290		1	51.3	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7782-49-2	Selenium	0.48	UN	1	0.48	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-22-4	Silver	3.25	N	1	0.22	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-23-5	Sodium	3100	N	1	33.0	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-62-2	Vanadium	43.2	N	1	0.46	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-66-6	Zinc	76.6	*	1	0.43	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

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OR = Over Range

N = Spiked sample recovery not within control limits



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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB109	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	14:24	LB137851

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	14:28	LB137851
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	15:04	LB137851
CCB58	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	15:32	LB137851
CCB59	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:00	LB137851
CCB60	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:33	LB137851
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:42	LB137851

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

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.: Q3586

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.: Q3586

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

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

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.: Q3586

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.: Q3586

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.: Q3586

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.: Q3586

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.: Q3586

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	11/14/2025	13:45	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	13:45	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	13:45	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	13:45	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	13:45	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	13:45	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	13:45	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	13:45	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	13:45	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	13:45	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Silver	1.62	+/-5	U	10.0	P	11/14/2025	13:45	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	13:45	LB137927
	Vanadium	8.03	+/-20	J	40.0	P	11/14/2025	13:45	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	13:45	LB137927

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

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	11/14/2025	14:37	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	14:37	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	14:37	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	14:37	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	14:37	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	14:37	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	14:37	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	14:37	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	14:37	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Silver	1.62	+/-5	U	10.0	P	11/14/2025	14:37	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Vanadium	6.26	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
CCB02	Aluminum	11.3	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	15:40	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	15:40	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	15:40	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	15:40	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	15:40	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	15:40	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	15:40	LB137927

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

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	11/14/2025	15:40	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Vanadium	6.26	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	15:40	LB137927

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170491BL		SOLID		Batch Number:	PB170491		Prep Date:	11/11/2025	
	Mercury	0.0080	<0.014	U	0.014	CV	11/11/2025	14:40	LB137851

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170471BL	SOLID			Batch Number:	PB170471		Prep Date:	11/10/2025	
	Aluminum	0.84	<2.5	U	5.00	P	11/14/2025	15:00	LB137927
	Antimony	0.22	<1.25	U	2.50	P	11/14/2025	15:00	LB137927
	Arsenic	0.19	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Barium	0.73	<2.5	U	5.00	P	11/14/2025	15:00	LB137927
	Beryllium	0.025	<0.15	U	0.30	P	11/14/2025	15:00	LB137927
	Cadmium	0.024	<0.15	U	0.30	P	11/14/2025	15:00	LB137927
	Calcium	11.1	<50	U	100	P	11/14/2025	15:00	LB137927
	Chromium	0.075	<0.25	J	0.50	P	11/14/2025	15:00	LB137927
	Cobalt	0.10	<0.75	U	1.50	P	11/14/2025	15:00	LB137927
	Copper	0.22	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Iron	3.99	<2.5	U*	5.00	P	11/14/2025	15:00	LB137927
	Lead	0.13	<0.3	U	0.60	P	11/14/2025	15:00	LB137927
	Magnesium	12.0	<50	U	100	P	11/14/2025	15:00	LB137927
	Manganese	0.15	<0.5	J	1.00	P	11/14/2025	15:00	LB137927
	Nickel	0.13	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Potassium	27.7	<50	U	100	P	11/14/2025	15:00	LB137927
	Selenium	0.26	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Silver	0.12	<0.25	U	0.50	P	11/14/2025	15:00	LB137927
	Sodium	17.8	<50	U	100	P	11/14/2025	15:00	LB137927
	Thallium	0.23	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Vanadium	0.25	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Zinc	0.23	<1	U	2.00	P	11/14/2025	15:00	LB137927



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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
ICV109	Mercury	4.26	4.0	107	90 - 110	CV	11/11/2025	14:21	LB137851

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

Contract: REMI02

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

SDG No.: Q3586

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV56	Mercury	5.36	5.0	107	90 - 110	CV	11/11/2025	14:26	LB137851
CCV57	Mercury	4.94	5.0	99	90 - 110	CV	11/11/2025	15:01	LB137851
CCV58	Mercury	5.27	5.0	105	90 - 110	CV	11/11/2025	15:30	LB137851
CCV59	Mercury	4.71	5.0	94	90 - 110	CV	11/11/2025	15:58	LB137851
CCV60	Mercury	4.72	5.0	94	90 - 110	CV	11/11/2025	16:30	LB137851
CCV61	Mercury	4.89	5.0	98	90 - 110	CV	11/11/2025	16:40	LB137851

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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

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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.: Q3586

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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.: Q3586

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.: Q3586

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.: Q3586

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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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
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.: Q3586

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.: Q3586

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	7990	8000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Antimony	4070	4000	102	90 - 110	P	11/14/2025	13:37	LB137927
	Arsenic	3980	4000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Barium	8080	8000	101	90 - 110	P	11/14/2025	13:37	LB137927
	Beryllium	204	200	102	90 - 110	P	11/14/2025	13:37	LB137927
	Cadmium	1960	2000	98	90 - 110	P	11/14/2025	13:37	LB137927
	Calcium	20000	20000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Chromium	816	800	102	90 - 110	P	11/14/2025	13:37	LB137927
	Cobalt	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Copper	1030	1000	103	90 - 110	P	11/14/2025	13:37	LB137927
	Iron	4160	4000	104	90 - 110	P	11/14/2025	13:37	LB137927
	Lead	3880	4000	97	90 - 110	P	11/14/2025	13:37	LB137927
	Magnesium	20000	20000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Manganese	2020	2000	101	90 - 110	P	11/14/2025	13:37	LB137927
	Nickel	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Potassium	20600	20000	103	90 - 110	P	11/14/2025	13:37	LB137927
	Selenium	3990	4000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Silver	1010	1000	102	90 - 110	P	11/14/2025	13:37	LB137927
	Sodium	21100	20000	106	90 - 110	P	11/14/2025	13:37	LB137927
	Thallium	3800	4000	95	90 - 110	P	11/14/2025	13:37	LB137927
	Vanadium	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Zinc	2030	2000	102	90 - 110	P	11/14/2025	13:37	LB137927

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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	10300	10000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Antimony	5080	5000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Arsenic	5030	5000	101	90 - 110	P	11/14/2025	14:24	LB137927
	Barium	10400	10000	104	90 - 110	P	11/14/2025	14:24	LB137927
	Beryllium	258	250	103	90 - 110	P	11/14/2025	14:24	LB137927
	Cadmium	2510	2500	100	90 - 110	P	11/14/2025	14:24	LB137927
	Calcium	25800	25000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Chromium	1020	1000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Cobalt	2520	2500	101	90 - 110	P	11/14/2025	14:24	LB137927
	Copper	1270	1250	102	90 - 110	P	11/14/2025	14:24	LB137927
	Iron	5190	5000	104	90 - 110	P	11/14/2025	14:24	LB137927
	Lead	5010	5000	100	90 - 110	P	11/14/2025	14:24	LB137927
	Magnesium	25600	25000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Manganese	2600	2500	104	90 - 110	P	11/14/2025	14:24	LB137927
	Nickel	2520	2500	101	90 - 110	P	11/14/2025	14:24	LB137927
	Potassium	25700	25000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Selenium	4990	5000	100	90 - 110	P	11/14/2025	14:24	LB137927
	Silver	1280	1250	103	90 - 110	P	11/14/2025	14:24	LB137927
	Sodium	26700	25000	107	90 - 110	P	11/14/2025	14:24	LB137927
	Thallium	4660	5000	93	90 - 110	P	11/14/2025	14:24	LB137927
	Vanadium	2560	2500	102	90 - 110	P	11/14/2025	14:24	LB137927
	Zinc	2550	2500	102	90 - 110	P	11/14/2025	14:24	LB137927

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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	105	100	105	80 - 120	P	11/14/2025	14:33	LB137927
	Antimony	51.1	50.0	102	80 - 120	P	11/14/2025	14:33	LB137927
	Arsenic	23.2	20.0	116	80 - 120	P	11/14/2025	14:33	LB137927
	Barium	101	100	101	80 - 120	P	11/14/2025	14:33	LB137927
	Beryllium	6.62	6.0	110	80 - 120	P	11/14/2025	14:33	LB137927
	Cadmium	6.19	6.0	103	80 - 120	P	11/14/2025	14:33	LB137927
	Calcium	2130	2000	106	80 - 120	P	11/14/2025	14:33	LB137927
	Chromium	11.5	10.0	115	80 - 120	P	11/14/2025	14:33	LB137927
	Cobalt	30.9	30.0	103	80 - 120	P	11/14/2025	14:33	LB137927
	Copper	22.3	20.0	111	80 - 120	P	11/14/2025	14:33	LB137927
	Iron	106	100	106	80 - 120	P	11/14/2025	14:33	LB137927
	Lead	12.0	12.0	100	80 - 120	P	11/14/2025	14:33	LB137927
	Magnesium	2180	2000	109	80 - 120	P	11/14/2025	14:33	LB137927
	Manganese	23.1	20.0	116	80 - 120	P	11/14/2025	14:33	LB137927
	Nickel	40.9	40.0	102	80 - 120	P	11/14/2025	14:33	LB137927
	Potassium	1830	2000	92	80 - 120	P	11/14/2025	14:33	LB137927
	Selenium	19.0	20.0	95	80 - 120	P	11/14/2025	14:33	LB137927
	Silver	11.1	10.0	111	80 - 120	P	11/14/2025	14:33	LB137927
	Sodium	1790	2000	90	80 - 120	P	11/14/2025	14:33	LB137927
	Thallium	36.4	40.0	91	80 - 120	P	11/14/2025	14:33	LB137927
	Vanadium	42.8	40.0	107	80 - 120	P	11/14/2025	14:33	LB137927
	Zinc	43.9	40.0	110	80 - 120	P	11/14/2025	14:33	LB137927

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

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	Aluminum	9970	10000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Antimony	4970	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Arsenic	4960	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Barium	9870	10000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Beryllium	249	250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Cadmium	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Calcium	24900	25000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Chromium	1000	1000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Cobalt	2470	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Copper	1240	1250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Iron	5050	5000	101	90 - 110	P	11/14/2025	15:37	LB137927
	Lead	4960	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Magnesium	24800	25000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Manganese	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Nickel	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Potassium	24400	25000	98	90 - 110	P	11/14/2025	15:37	LB137927
	Selenium	4980	5000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Silver	1250	1250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Sodium	24400	25000	98	90 - 110	P	11/14/2025	15:37	LB137927
	Thallium	4740	5000	95	90 - 110	P	11/14/2025	15:37	LB137927
	Vanadium	2490	2500	100	90 - 110	P	11/14/2025	15:37	LB137927
	Zinc	2490	2500	100	90 - 110	P	11/14/2025	15:37	LB137927

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3586
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	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
	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
CRA	Mercury	0.16	0.2	80	70 - 130	CV	11/11/2025	14:33	LB137851
CRI01	Aluminum	88.9	100	89	65 - 135	P	11/14/2025	14:00	LB137927
	Antimony	52.1	50.0	104	65 - 135	P	11/14/2025	14:00	LB137927
	Arsenic	19.0	20.0	95	65 - 135	P	11/14/2025	14:00	LB137927
	Barium	94.7	100	95	65 - 135	P	11/14/2025	14:00	LB137927
	Beryllium	6.49	6.0	108	65 - 135	P	11/14/2025	14:00	LB137927
	Cadmium	6.05	6.0	101	65 - 135	P	11/14/2025	14:00	LB137927
	Calcium	2080	2000	104	65 - 135	P	11/14/2025	14:00	LB137927
	Chromium	10.9	10.0	109	65 - 135	P	11/14/2025	14:00	LB137927
	Cobalt	30.7	30.0	102	65 - 135	P	11/14/2025	14:00	LB137927
	Copper	22.8	20.0	114	65 - 135	P	11/14/2025	14:00	LB137927
	Iron	125	100	124	65 - 135	P	11/14/2025	14:00	LB137927
	Lead	11.7	12.0	98	65 - 135	P	11/14/2025	14:00	LB137927

Metals

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CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3586

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	2170	2000	109	65 - 135	P	11/14/2025	14:00	LB137927
	Manganese	23.0	20.0	115	65 - 135	P	11/14/2025	14:00	LB137927
	Nickel	41.2	40.0	103	65 - 135	P	11/14/2025	14:00	LB137927
	Potassium	1620	2000	81	65 - 135	P	11/14/2025	14:00	LB137927
	Selenium	14.3	20.0	72	65 - 135	P	11/14/2025	14:00	LB137927
	Silver	10.2	10.0	102	65 - 135	P	11/14/2025	14:00	LB137927
	Sodium	1620	2000	81	65 - 135	P	11/14/2025	14:00	LB137927
	Thallium	41.2	40.0	103	65 - 135	P	11/14/2025	14:00	LB137927
	Vanadium	39.2	40.0	98	65 - 135	P	11/14/2025	14:00	LB137927
	Zinc	43.8	40.0	110	65 - 135	P	11/14/2025	14:00	LB137927

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</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	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
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</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	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	253000	255000	99	216000	294000	11/14/2025	14:07	LB137927
	Antimony	-7.58			-50	50	11/14/2025	14:07	LB137927
	Arsenic	3.15			-20	20	11/14/2025	14:07	LB137927
	Barium	6.16	6.0	103	-94	106	11/14/2025	14:07	LB137927
	Beryllium	1.09			-6	6	11/14/2025	14:07	LB137927
	Cadmium	0.11	1.0	11	-5	7	11/14/2025	14:07	LB137927
	Calcium	246000	245000	100	208000	282000	11/14/2025	14:07	LB137927
	Chromium	54.4	52.0	105	42	62	11/14/2025	14:07	LB137927
	Cobalt	1.69			-30	30	11/14/2025	14:07	LB137927
	Copper	-0.30	2.0	15	-18	22	11/14/2025	14:07	LB137927
	Iron	103000	101000	102	85600	116500	11/14/2025	14:07	LB137927
	Lead	-0.37			-12	12	11/14/2025	14:07	LB137927
	Magnesium	255000	255000	100	216000	294000	11/14/2025	14:07	LB137927
	Manganese	10.8	7.0	154	-13	27	11/14/2025	14:07	LB137927
	Nickel	5.80	2.0	290	-38	42	11/14/2025	14:07	LB137927
	Potassium	-331			0	0	11/14/2025	14:07	LB137927
	Selenium	5.07			-20	20	11/14/2025	14:07	LB137927
	Silver	-6.88			-10	10	11/14/2025	14:07	LB137927
	Sodium	-564			0	0	11/14/2025	14:07	LB137927
	Thallium	18.4			-40	40	11/14/2025	14:07	LB137927
	Vanadium	2.27			-40	40	11/14/2025	14:07	LB137927
	Zinc	3.54			-40	40	11/14/2025	14:07	LB137927
ICSAB01	Aluminum	252000	247000	102	209000	285000	11/14/2025	14:11	LB137927
	Antimony	614	618	99	525	711	11/14/2025	14:11	LB137927
	Arsenic	116	104	112	88.4	120	11/14/2025	14:11	LB137927
	Barium	515	537	96	437	637	11/14/2025	14:11	LB137927
	Beryllium	526	495	106	420	570	11/14/2025	14:11	LB137927
	Cadmium	1040	972	107	826	1120	11/14/2025	14:11	LB137927
	Calcium	244000	235000	104	199000	271000	11/14/2025	14:11	LB137927
	Chromium	587	542	108	460	624	11/14/2025	14:11	LB137927
	Cobalt	524	476	110	404	548	11/14/2025	14:11	LB137927
	Copper	502	511	98	434	588	11/14/2025	14:11	LB137927
	Iron	105000	99300	106	84400	114500	11/14/2025	14:11	LB137927
	Lead	54.1	49.0	110	37	61	11/14/2025	14:11	LB137927
	Magnesium	255000	248000	103	210000	286000	11/14/2025	14:11	LB137927
	Manganese	518	507	102	430	584	11/14/2025	14:11	LB137927
	Nickel	1050	954	110	810	1100	11/14/2025	14:11	LB137927
	Potassium	-651			0	0	11/14/2025	14:11	LB137927
	Selenium	52.4	46.0	114	26	66	11/14/2025	14:11	LB137927
	Silver	199	201	99	170	232	11/14/2025	14:11	LB137927

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</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	-793			0	0	11/14/2025	14:11	LB137927
	Thallium	133	108	123	68	148	11/14/2025	14:11	LB137927
	Vanadium	506	491	103	417	565	11/14/2025	14:11	LB137927
	Zinc	1070	952	112	809	1095	11/14/2025	14:11	LB137927



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3586</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3581-01</u>	client id: <u>VNJ-238MS</u>
Percent Solids for Sample: 85.7	Spiked ID: Q3581-01MS	Percent Solids for Spike Sample: 85.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	13100		12600		100	502		P
Antimony	mg/Kg	75 - 125	15.7		1.00	J	40.6	36	N	P
Arsenic	mg/Kg	75 - 125	39.2		7.97		40.6	77		P
Barium	mg/Kg	75 - 125	58.5		54.6		10.1	39		P
Beryllium	mg/Kg	75 - 125	9.54		1.56		10.1	79		P
Cadmium	mg/Kg	75 - 125	11.1		0.62		10.1	104		P
Calcium	mg/Kg	75 - 125	1450		1550		50.7	-181		P
Chromium	mg/Kg	75 - 125	38.0		20.9		20.3	84		P
Cobalt	mg/Kg	75 - 125	25.9		15.7		10.1	101		P
Copper	mg/Kg	75 - 125	27.9		16.8		15.2	73	N	P
Iron	mg/Kg	75 - 125	29600		32700		150	-2023		P
Lead	mg/Kg	75 - 125	79.8		31.9		50.7	94		P
Magnesium	mg/Kg	75 - 125	3660		3680		100	-18		P
Manganese	mg/Kg	75 - 125	315		372		10.1	-565		P
Nickel	mg/Kg	75 - 125	53.5		27.4		25.4	103		P
Potassium	mg/Kg	75 - 125	1660		1130		510	105		P
Selenium	mg/Kg	75 - 125	74.3		1.10	U	100	74	N	P
Silver	mg/Kg	75 - 125	6.94		4.28		3.8	70	N	P
Sodium	mg/Kg	75 - 125	338		236		150	68	N	P
Thallium	mg/Kg	75 - 125	86.5		2.20	U	100	86		P
Vanadium	mg/Kg	75 - 125	33.8		23.3		15.2	69	N	P
Zinc	mg/Kg	75 - 125	105		98.6		10.1	61		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3586</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3581-01</u>	client id: <u>VNJ-238MSD</u>
Percent Solids for Sample: 85.7	Spiked ID: Q3581-01MSD	Percent Solids for Spike Sample: 85.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	13500		12600		110	836		P
Antimony	mg/Kg	75 - 125	16.7		1.00	J	43.6	36	N	P
Arsenic	mg/Kg	75 - 125	41.7		7.97		43.6	77		P
Barium	mg/Kg	75 - 125	62.7		54.6		10.9	74		P
Beryllium	mg/Kg	75 - 125	10.5		1.56		10.9	82		P
Cadmium	mg/Kg	75 - 125	11.8		0.62		10.9	102		P
Calcium	mg/Kg	75 - 125	1530		1550		54.5	-24		P
Chromium	mg/Kg	75 - 125	40.3		20.9		21.8	89		P
Cobalt	mg/Kg	75 - 125	26.9		15.7		10.9	103		P
Copper	mg/Kg	75 - 125	42.0		16.8		16.4	154	N	P
Iron	mg/Kg	75 - 125	29900		32700		160	-1754		P
Lead	mg/Kg	75 - 125	95.2		31.9		54.5	116		P
Magnesium	mg/Kg	75 - 125	3830		3680		110	140		P
Manganese	mg/Kg	75 - 125	312		372		10.9	-548		P
Nickel	mg/Kg	75 - 125	60.1		27.4		27.3	120		P
Potassium	mg/Kg	75 - 125	1680		1130		550	100		P
Selenium	mg/Kg	75 - 125	80.8		1.10	U	110	74	N	P
Silver	mg/Kg	75 - 125	7.11		4.28		4.1	69	N	P
Sodium	mg/Kg	75 - 125	357		236		160	76		P
Thallium	mg/Kg	75 - 125	94.9		2.20	U	110	86		P
Vanadium	mg/Kg	75 - 125	35.2		23.3		16.4	72	N	P
Zinc	mg/Kg	75 - 125	169		98.6		10.9	648		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3586</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3597-10</u>	client id: <u>TP-4MS</u>
Percent Solids for Sample: 97.8	Spiked ID: Q3597-10MS	Percent Solids for Spike Sample: 97.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.014	U	0.26	91		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3586</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3597-10</u>	client id: <u>TP-4MSD</u>
Percent Solids for Sample: 97.8	Spiked ID: Q3597-10MSD	Percent Solids for Spike Sample: 97.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.22		0.014	U	0.27	82		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</u>	
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>VNJ-238A</u>
Sample ID: <u>Q3581-01</u>	Spiked ID: <u>Q3581-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	35.8		1.00	J	44.0	79		P
Copper	mg/Kg	75 - 125	30.3		16.8		16.5	82		P
Selenium	mg/Kg	75 - 125	85.8		1.10	U	110	78		P
Silver	mg/Kg	75 - 125	7.46		4.28		4.10	77		P
Sodium	mg/Kg	75 - 125	338		236		170	60	N	P
Vanadium	mg/Kg	75 - 125	35.6		23.3		16.5	74	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586
Contract: REMI02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3581-01 **Client ID:** VNJ-238DUP
Percent Solids for Sample: 85.7 **Duplicate ID** Q3581-01DUP **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	12600		12300		2		P
Antimony	mg/Kg	20	1.00	J	0.86	J	16		P
Arsenic	mg/Kg	20	7.97		7.74		3		P
Barium	mg/Kg	20	54.6		53.7		2		P
Beryllium	mg/Kg	20	1.56		1.49		5		P
Cadmium	mg/Kg	20	0.62		0.60		4		P
Calcium	mg/Kg	20	1550		1520		2		P
Chromium	mg/Kg	20	20.9		20.4		2		P
Cobalt	mg/Kg	20	15.7		15.3		3		P
Copper	mg/Kg	20	16.8		16.2		4		P
Iron	mg/Kg	20	32700		32100		2		P
Lead	mg/Kg	20	31.9		31.2		2		P
Magnesium	mg/Kg	20	3680		3600		2		P
Manganese	mg/Kg	20	372		364		2		P
Nickel	mg/Kg	20	27.4		26.7		3		P
Potassium	mg/Kg	20	1130		1100		3		P
Selenium	mg/Kg	20	1.10	U	1.09	U			P
Silver	mg/Kg	20	4.28		4.38		2		P
Sodium	mg/Kg	20	236		219		7		P
Thallium	mg/Kg	20	2.20	U	2.18	U			P
Vanadium	mg/Kg	20	23.3		22.6		3		P
Zinc	mg/Kg	20	98.6		95.5		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3586</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3581-01MS</u>	Client ID:	<u>VNJ-238MSD</u>
Percent Solids for Sample:	85.7	Duplicate ID	Q3581-01MSD	Percent Solids for Spike Sample:	85.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	13100		13500		3		P
Antimony	mg/Kg	20	15.7		16.7		6		P
Arsenic	mg/Kg	20	39.2		41.7		6		P
Barium	mg/Kg	20	58.5		62.7		7		P
Beryllium	mg/Kg	20	9.54		10.5		10		P
Cadmium	mg/Kg	20	11.1		11.8		6		P
Calcium	mg/Kg	20	1450		1530		5		P
Chromium	mg/Kg	20	38.0		40.3		6		P
Cobalt	mg/Kg	20	25.9		26.9		4		P
Copper	mg/Kg	20	27.9		42.0		40	*	P
Iron	mg/Kg	20	29600		29900		1		P
Lead	mg/Kg	20	79.8		95.2		18		P
Magnesium	mg/Kg	20	3660		3830		5		P
Manganese	mg/Kg	20	315		312		1		P
Nickel	mg/Kg	20	53.5		60.1		12		P
Potassium	mg/Kg	20	1660		1680		1		P
Selenium	mg/Kg	20	74.3		80.8		8		P
Silver	mg/Kg	20	6.94		7.11		2		P
Sodium	mg/Kg	20	338		357		5		P
Thallium	mg/Kg	20	86.5		94.9		9		P
Vanadium	mg/Kg	20	33.8		35.2		4		P
Zinc	mg/Kg	20	105		169		47	*	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3586</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3597-10</u>	Client ID:	<u>TP-4DUP</u>
Percent Solids for Sample:	97.8	Duplicate ID	Q3597-10DUP	Percent Solids for Spike Sample:	97.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.014	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3586</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3597-10MS</u>	Client ID:	<u>TP-4MSD</u>
Percent Solids for Sample:	97.8	Duplicate ID	Q3597-10MSD	Percent Solids for Spike Sample:	97.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.24		0.22		7		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	SDG No.:	<u>Q3586</u>
Contract:	<u>REMI02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170471BS							
Aluminum	mg/Kg	100	100		100	80 - 120	P
Antimony	mg/Kg	40.0	40.1		100	80 - 120	P
Arsenic	mg/Kg	40.0	38.4		96	80 - 120	P
Barium	mg/Kg	10.0	9.73		97	80 - 120	P
Beryllium	mg/Kg	10.0	10.3		103	80 - 120	P
Cadmium	mg/Kg	10.0	9.50		95	80 - 120	P
Calcium	mg/Kg	50.0	53.5	J	107	80 - 120	P
Chromium	mg/Kg	20.0	20.1		100	80 - 120	P
Cobalt	mg/Kg	10.0	9.76		98	80 - 120	P
Copper	mg/Kg	15.0	15.3		102	80 - 120	P
Iron	mg/Kg	150	154		103	80 - 120	P
Lead	mg/Kg	50.0	46.8		94	80 - 120	P
Magnesium	mg/Kg	100	98.4	J	98	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	24.5		98	80 - 120	P
Potassium	mg/Kg	500	530		106	80 - 120	P
Selenium	mg/Kg	100	97.7		98	80 - 120	P
Silver	mg/Kg	3.8	3.88		102	80 - 120	P
Sodium	mg/Kg	150	168		112	80 - 120	P
Thallium	mg/Kg	100	91.8		92	80 - 120	P
Vanadium	mg/Kg	15.0	15.5		103	80 - 120	P
Zinc	mg/Kg	10.0	10.3		104	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170491BS Mercury	mg/Kg	0.28	0.30		106	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-238L

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3581-01L **SDG No.:** Q3586
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	12600		14500		15		P
Antimony	1.00	J	13.8	U	100.0		P
Arsenic	7.97		8.88		11		P
Barium	54.6		61.7		13		P
Beryllium	1.56		1.83		17		P
Cadmium	0.62		1.65	U	100.0		P
Calcium	1550		1790		16		P
Chromium	20.9		24.5		17		P
Cobalt	15.7		14.5		8		P
Copper	16.8		20.8		24		P
Iron	32700		37500		15		P
Lead	31.9		29.8		7		P
Magnesium	3680		4290		17		P
Manganese	372		434		17		P
Nickel	27.4		25.7		6		P
Potassium	1130		1050		7		P
Selenium	1.10	U	1.80	J	100.0		P
Silver	4.28		4.93		15		P
Sodium	236		550	U	100.0		P
Thallium	2.20	U	11.0	U			P
Vanadium	23.3		24.8		6		P
Zinc	98.6		117		18		P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

TP-4L

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **Lb No.:** lb137851 **Lab Sample ID :** Q3597-10L **SDG No.:** Q3586
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Mercury	0.014	U	0.068	U			CV

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

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
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
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
Q3586-01	SED-1	1	1906	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-02	SED-2	1	1910	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
Q3586-03	SED-3	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01DUP	VNJ-238DUP	1	1942	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01L	VNJ-238L	5	1946	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01MS	VNJ-238MS	1	1950	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01MSD	VNJ-238MSD	1	1954	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01A	VNJ-238A	1	1958	Ag,Cu,Na,Sb,Se,V
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

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

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
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.: Q3586

Instrument id number: **Method:**

Run number: LB137851

Start date: 11/11/2025 **End date:** 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1407	HG
S0.2	S0.2	1	1409	HG
S2.5	S2.5	1	1411	HG
S5	S5	1	1414	HG
S7.5	S7.5	1	1416	HG
S10	S10	1	1418	HG
ICV109	ICV109	1	1421	HG
ICB109	ICB109	1	1424	HG
CCV56	CCV56	1	1426	HG
CCB56	CCB56	1	1428	HG
CRA	CRA	1	1433	HG
PB170491BL	PB170491BL	1	1440	HG
PB170491BS	PB170491BS	1	1448	HG
CCV57	CCV57	1	1501	HG
CCB57	CCB57	1	1504	HG
Q3586-01	SED-1	1	1509	HG
Q3586-02	SED-2	1	1511	HG
Q3586-03	SED-3	1	1513	HG
CCV58	CCV58	1	1530	HG
CCB58	CCB58	1	1532	HG
Q3597-10DUP	TP-4DUP	1	1537	HG
Q3597-10MS	TP-4MS	1	1539	HG
Q3597-10MSD	TP-4MSD	1	1541	HG
CCV59	CCV59	1	1558	HG
CCB59	CCB59	1	1600	HG
Q3597-10L	TP-4L	5	1623	HG
CCV60	CCV60	1	1630	HG
CCB60	CCB60	1	1633	HG
CCV61	CCV61	1	1640	HG
CCB61	CCB61	1	1642	HG

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

Instrument id number: _____

Method: _____

Run number: LB137927

Start date: 11/14/2025

End date: 11/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1251	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	1255	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	1300	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	1304	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	1308	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	1312	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	1337	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	1345	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	1400	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	1407	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	1411	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	1424	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	1433	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	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170471BL	PB170471BL	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170471BS	PB170471BS	1	1505	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	1537	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	1540	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.: Q3586

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.: Q3586

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 INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3586

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:				
		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.: Q3586

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.: Q3586

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: Q3586
Client: Remington & Vernick Engineers
Contact: Kyle Carlson

OrderDate: 11/7/2025 3:20:00 PM
Project: Edison Landfill
Location: D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	SED-1	SOIL	Mercury	7471B	11/06/25	11/11/25	11/11/25	11/07/25
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3586-02	SED-2	SOIL	Mercury	7471B	11/06/25	11/11/25	11/11/25	11/07/25
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3586-03	SED-3	SOIL	Mercury	7471B	11/06/25	11/11/25	11/11/25	11/07/25
			Metals ICP-TAL	6010D		11/10/25	11/10/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170471							
PB170471BL	PB170471BL	MB	SOLID	11/10/2025	2.00	100.0	100.00
PB170471BS	PB170471BS	LCS	SOLID	11/10/2025	2.00	100.0	100.00
Q3581-01DUP	VNJ-238DUP	DUP	SOLID	11/10/2025	2.14	100.0	85.70
Q3581-01MS	VNJ-238MS	MS	SOLID	11/10/2025	2.30	100.0	85.70
Q3581-01MSD	VNJ-238MSD	MSD	SOLID	11/10/2025	2.14	100.0	85.70
Q3586-01	SED-1	SAM	SOLID	11/10/2025	2.22	100.0	62.90
Q3586-02	SED-2	SAM	SOLID	11/10/2025	2.26	100.0	41.40
Q3586-03	SED-3	SAM	SOLID	11/10/2025	2.12	100.0	50.90

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170491							
PB170491BL	PB170491BL	MB	SOLID	11/11/2025	0.50	35.0	100.00
PB170491BS	PB170491BS	LCS	SOLID	11/11/2025	0.50	35.0	100.00
Q3586-01	SED-1	SAM	SOLID	11/11/2025	0.60	35.0	62.90
Q3586-02	SED-2	SAM	SOLID	11/11/2025	0.51	35.0	41.40
Q3586-03	SED-3	SAM	SOLID	11/11/2025	0.54	35.0	50.90
Q3597-10DUP	TP-4DUP	DUP	SOLID	11/11/2025	0.53	35.0	97.80
Q3597-10MS	TP-4MS	MS	SOLID	11/11/2025	0.55	35.0	97.80
Q3597-10MSD	TP-4MSD	MSD	SOLID	11/11/2025	0.53	35.0	97.80

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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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922		
ICV Standard	MP87923		
CCV Standard	MP87925		
ICSA Standard			
CRI Standard	MP87927		
LCS Standard			
Chk Standard	MP87924,MP87926,MP87928,MP87930		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/11/25 14:07		mohan	OK
2	S0.2	S0.2	CAL2	11/11/25 14:09		mohan	OK
3	S2.5	S2.5	CAL3	11/11/25 14:11		mohan	OK
4	S5	S5	CAL4	11/11/25 14:14		mohan	OK
5	S7.5	S7.5	CAL5	11/11/25 14:16		mohan	OK
6	S10	S10	CAL6	11/11/25 14:18		mohan	OK
7	ICV109	ICV109	ICV	11/11/25 14:21		mohan	OK
8	ICB109	ICB109	ICB	11/11/25 14:24		mohan	OK
9	CCV56	CCV56	CCV	11/11/25 14:26		mohan	OK
10	CCB56	CCB56	CCB	11/11/25 14:28		mohan	OK
11	CRA	CRA	CRDL	11/11/25 14:33		mohan	OK
12	HighStd	HighStd	HIGH STD	11/11/25 14:36		mohan	OK
13	ChkStd	ChkStd	SAM	11/11/25 14:38		mohan	OK
14	PB170491BL	PB170491BL	MB	11/11/25 14:40		mohan	OK
15	PB170491BS	PB170491BS	LCS	11/11/25 14:48		mohan	OK
16	Q3581-01	VNJ-238	SAM	11/11/25 14:50		mohan	OK
17	Q3581-03	VNJ-245	SAM	11/11/25 14:52		mohan	OK
18	Q3581-05	VNJ-240	SAM	11/11/25 14:54		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922		
ICV Standard	MP87923		
CCV Standard	MP87925		
ICSA Standard			
CRI Standard	MP87927		
LCS Standard			
Chk Standard	MP87924,MP87926,MP87928,MP87930		

19	Q3581-07	RBR200059	SAM	11/11/25 14:57		mohan	OK
20	Q3582-04	RT4912	SAM	11/11/25 14:59		mohan	OK
21	CCV57	CCV57	CCV	11/11/25 15:01		mohan	OK
22	CCB57	CCB57	CCB	11/11/25 15:04		mohan	OK
23	Q3583-04	CHRT27080	SAM	11/11/25 15:06		mohan	OK
24	Q3586-01	SED-1	SAM	11/11/25 15:09		mohan	OK
25	Q3586-02	SED-2	SAM	11/11/25 15:11		mohan	OK
26	Q3586-03	SED-3	SAM	11/11/25 15:13		mohan	OK
27	Q3587-01	NB-08-110725	SAM	11/11/25 15:15	SPIKE ERROR	mohan	OK
28	Q3588-01	TR-06-11072025	SAM	11/11/25 15:18	SPIKE ERROR	mohan	OK
29	Q3588-03	TR-01-11072025	SAM	11/11/25 15:20		mohan	OK
30	Q3597-01	TP-1	SAM	11/11/25 15:22		mohan	OK
31	Q3597-04	TP-2	SAM	11/11/25 15:25		mohan	OK
32	Q3597-07	TP-3	SAM	11/11/25 15:27		mohan	OK
33	CCV58	CCV58	CCV	11/11/25 15:30		mohan	OK
34	CCB58	CCB58	CCB	11/11/25 15:32		mohan	OK
35	Q3597-10	TP-4	SAM	11/11/25 15:34		mohan	OK
36	Q3597-10DUP	TP-4DUP	DUP	11/11/25 15:37		mohan	OK
37	Q3597-10MS	TP-4MS	MS	11/11/25 15:39		mohan	OK
38	Q3597-10MSD	TP-4MSD	MSD	11/11/25 15:41		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922		
ICV Standard	MP87923		
CCV Standard	MP87925		
ICSA Standard			
CRI Standard	MP87927		
LCS Standard			
Chk Standard	MP87924,MP87926,MP87928,MP87930		

39	PB170492BL	PB170492BL	MB	11/11/25 15:44		mohan	OK
40	PB170492BS	PB170492BS	LCS	11/11/25 15:46		mohan	OK
41	Q3598-01	EO-CONCRETE	SAM	11/11/25 15:49		mohan	OK
42	Q3599-01	LIVINGSTON-SOIL	SAM	11/11/25 15:51		mohan	OK
43	Q3600-01	CENTRAL-ROW-CON	SAM	11/11/25 15:54		mohan	OK
44	Q3601-01	TP-1	SAM	11/11/25 15:56		mohan	OK
45	CCV59	CCV59	CCV	11/11/25 15:58		mohan	OK
46	CCB59	CCB59	CCB	11/11/25 16:00		mohan	OK
47	Q3601-05	TP-2	SAM	11/11/25 16:03		mohan	OK
48	Q3601-09	TP-3	SAM	11/11/25 16:05	Hg high, need dilution	mohan	Dilution
49	Q3601-13	TP-4	SAM	11/11/25 16:07		mohan	OK
50	Q3601-17	TP-5	SAM	11/11/25 16:10		mohan	OK
51	Q3601-17DUP	TP-5DUP	DUP	11/11/25 16:13		mohan	OK
52	Q3601-17MS	TP-5MS	MS	11/11/25 16:19		mohan	OK
53	Q3601-17MSD	TP-5MSD	MSD	11/11/25 16:21		mohan	OK
54	Q3597-10L	TP-4L	SD	11/11/25 16:23		mohan	OK
55	Q3597-10A	TP-4A	PS	11/11/25 16:26		mohan	OK
56	Q3601-17L	TP-5L	SD	11/11/25 16:28		mohan	OK
57	CCV60	CCV60	CCV	11/11/25 16:30		mohan	OK
58	CCB60	CCB60	CCB	11/11/25 16:33		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922		
ICV Standard	MP87923		
CCV Standard	MP87925		
ICSA Standard			
CRI Standard	MP87927		
LCS Standard			
Chk Standard	MP87924,MP87926,MP87928,MP87930		

59	Q3601-17A	TP-5A	PS	11/11/25 16:35		mohan	OK
60	Q3601-09DL	TP-3DL	SAM	11/11/25 16:37	2X For Hg	mohan	Confirms
61	CCV61	CCV61	CCV	11/11/25 16:40		mohan	OK
62	CCB61	CCB61	CCB	11/11/25 16:42		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137927

Review By	jaswal	Review On	11/18/2025 12:15:01 PM
Supervise By	mohan	Supervise On	11/18/2025 12:19:09 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	11/14/25 12:51		Jaswal	OK
2	S1	S1	CAL2	11/14/25 12:55		Jaswal	OK
3	S2	S2	CAL3	11/14/25 13:00		Jaswal	OK
4	S3	S3	CAL4	11/14/25 13:04		Jaswal	OK
5	S4	S4	CAL5	11/14/25 13:08		Jaswal	OK
6	S5	S5	CAL6	11/14/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	11/14/25 13:37		Jaswal	OK
8	ICB01	ICB01	ICB	11/14/25 13:45		Jaswal	OK
9	CRI01	CRI01	CRDL	11/14/25 14:00		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/14/25 14:07		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/14/25 14:11		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/14/25 14:15		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/14/25 14:20		Jaswal	OK
14	CCV01	CCV01	CCV	11/14/25 14:24		Jaswal	OK
15	LLICV01	LLICV01	LLICV	11/14/25 14:33		Jaswal	OK
16	CCB01	CCB01	CCB	11/14/25 14:37		Jaswal	OK
17	PB170459BL	PB170459BL	MB	11/14/25 14:43		Jaswal	OK
18	PB170459BS	PB170459BS	LCS	11/14/25 14:48		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137927

Review By	jaswal	Review On	11/18/2025 12:15:01 PM
Supervise By	mohan	Supervise On	11/18/2025 12:19:09 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	PB170471BL	PB170471BL	MB	11/14/25 15:00		Jaswal	OK
20	PB170471BS	PB170471BS	LCS	11/14/25 15:05		Jaswal	OK
21	PB170557BL	PB170557BL	MB	11/14/25 15:09		Jaswal	OK
22	PB170557BS	PB170557BS	LCS	11/14/25 15:13		Jaswal	OK
23	PB170558BL	PB170558BL	MB	11/14/25 15:17		Jaswal	OK
24	PB170558BS	PB170558BS	LCS	11/14/25 15:22		Jaswal	OK
25	Q3628-01	TP-5	SAM	11/14/25 15:28		Jaswal	OK
26	Q3631-01	VNJ-202	SAM	11/14/25 15:32		Jaswal	OK
27	CCV02	CCV02	CCV	11/14/25 15:37		Jaswal	OK
28	CCB02	CCB02	CCB	11/14/25 15:40		Jaswal	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 11/10/2025 Time : 14:40 Temp : 96 °C

End Digest Date: 11/10/2025 Time : 16:42 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SLG*

Supervisor Signature: *MS*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6209
LFS-2	1.00	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	5.00	M6187
1:1 HNO3	10.00	MP86978
30% H2O2	3.00	M6170
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
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#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25 17:42	<i>SLG met dig</i>	<i>MS - metal lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB170471BL	PBS471	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB170471BS	LCS471	N/A	2.00	100	Colorless	Colorless	Fine	No	M6209,M6201	2
Q3581-01MS	VNJ-238MS	N/A	2.30	100	Brown	Yellow	Medium	No	M6209,M6201	5
Q3581-01MSD	VNJ-238MSD	N/A	2.14	100	Brown	Yellow	Medium	No	M6209,M6201	6
Q3581-01DUP	VNJ-238DUP	N/A	2.14	100	Brown	Yellow	Medium	No	N/A	4
Q3581-01	VNJ-238	N/A	2.12	100	Brown	Yellow	Medium	No	N/A	3
Q3581-03	VNJ-245	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	7
Q3581-05	VNJ-240	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	8
Q3581-07	RBR200059	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	9
Q3582-04	RT4912	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	10
Q3583-04	CHRT27080	N/A	2.14	100	Brown	Yellow	Medium	No	N/A	11
Q3586-01	SED-1	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	12
Q3586-02	SED-2	N/A	2.26	100	Brown	Yellow	Medium	No	N/A	13
Q3586-03	SED-3	N/A	2.12	100	Brown	Yellow	Medium	No	N/A	14
Q3587-01	NB-08-110725	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	15
Q3588-01	TR-06-11072025	N/A	2.30	100	Brown	Yellow	Medium	No	N/A	16
Q3588-03	TR-01-11072025	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	17

SOP ID : M7471B-Mercury-19

SDG No : N/A

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

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

Start Digest Date: 11/11/2025 Time : 08:40 Temp : 95 °C

End Digest Date: 11/11/2025 Time : 09:10 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *n*

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87923
CCV	30mL	MP87925
CRA	30mL	MP87927
Blank Spike	0.48mL	MP87916
Matrix Spike	0.48mL	MP897916

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5MI	MP87929
KMnO4 (5%)	4.5mL	MP87634
Hydroxylamine HCL (12%)	2.4mL	MP87635
PTFE Boiling Stones	N/A	M5582
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	30MI	MP87917
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP87918
2.5 ppb	S2.5	30MI	MP87919
5.0 ppb	S5.0	30MI	MP87920
7.5 ppb	S7.5	30mL	MP87921
10.0 ppb	S10.0	30mL	MP87922
ICV	ICV	30MI	MP87923
ICB	ICB	30MI	MP87924
CCV	CCV	30MI	MP87925
CCB	CCB	30MI	MP87926
CRI	CRI	30MI	MP87927
CHK STD	CHK STD	30MI	MP87928

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25 9:45	<i>MB - 11150 Lab</i>	<i>MB - metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB170491BL	PBS491	0.50	35	N/A	N/A	3-1
PB170491BS	LCS491	0.50	35	N/A	MP87916	2
Q3581-01	VNJ-238	0.52	35	N/A	N/A	3
Q3581-03	VNJ-245	0.53	35	N/A	N/A	4
Q3581-05	VNJ-240	0.60	35	N/A	N/A	5
Q3581-07	RBR200059	0.52	35	N/A	N/A	6
Q3582-04	RT4912	0.52	35	N/A	N/A	7
Q3583-04	CHRT27080	0.57	35	N/A	N/A	8
Q3586-01	SED-1	0.60	35	N/A	N/A	9
Q3586-02	SED-2	0.51	35	N/A	N/A	10
Q3586-03	SED-3	0.54	35	N/A	N/A	11
Q3587-01	NB-08-110725	0.58	35	N/A	N/A	12
Q3588-01	TR-06-11072025	0.51	35	N/A	N/A	13
Q3588-03	TR-01-11072025	0.60	35	N/A	N/A	14
Q3597-01	TP-1	0.54	35	N/A	N/A	15
Q3597-04	TP-2	0.51	35	N/A	N/A	16
Q3597-07	TP-3	0.58	35	N/A	N/A	17
Q3597-10	TP-4	0.53	35	N/A	N/A	18
Q3597-10DUP	TP-4DUP	0.53	35	N/A	N/A	19
Q3597-10MS	TP-4MS	0.55	35	N/A	MP87916	20
Q3597-10MSD	TP-4MSD	0.53	35	N/A	MP87916	21