CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: O5252 **Order ID:** O5252

Client: RMJ Environomics, Inc. **Project ID:** 245 Greenwood Ave

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WASTE								
O5252-01	WASTE	SOIL	Aluminum	3630		2.14	4.43	mg/Kg
O5252-01	WASTE	SOIL	Barium	18.3		0.43	4.43	mg/Kg
O5252-01	WASTE	SOIL	Beryllium	0.25	J	0.012	0.27	mg/Kg
O5252-01	WASTE	SOIL	Cadmium	0.74		0.012	0.27	mg/Kg
O5252-01	WASTE	SOIL	Calcium	16200		3.05	88.7	mg/Kg
O5252-01	WASTE	SOIL	Chromium	11.4		0.051	0.44	mg/Kg
O5252-01	WASTE	SOIL	Cobalt	5.27		0.035	1.33	mg/Kg
O5252-01	WASTE	SOIL	Copper	39.0		0.42	0.89	mg/Kg
O5252-01	WASTE	SOIL	Iron	15400		2.38	4.43	mg/Kg
O5252-01	WASTE	SOIL	Lead	16.5		0.13	0.53	mg/Kg
O5252-01	WASTE	SOIL	Magnesium	5730		3.85	88.7	mg/Kg
O5252-01	WASTE	SOIL	Manganese	131		0.059	0.89	mg/Kg
O5252-01	WASTE	SOIL	Mercury	0.031		0.0070	0.014	mg/Kg
O5252-01	WASTE	SOIL	Nickel	14.0		0.080	1.77	mg/Kg
O5252-01	WASTE	SOIL	Potassium	512		25.4	88.7	mg/Kg
O5252-01	WASTE	SOIL	Sodium	190		31.9	88.7	mg/Kg
O5252-01	WASTE	SOIL	Vanadium	19.0		0.30	1.77	mg/Kg
O5252-01	WASTE	SOIL	Zinc	58.8		0.13	1.77	mg/Kg

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SAMPLE DATA

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Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3630		1	2.14	4.43	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-36-0	Antimony	0.12	U	1	0.12	2.22	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-38-2	Arsenic	0.23	U	1	0.23	0.89	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-39-3	Barium	18.3		1	0.43	4.43	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-41-7	Beryllium	0.25	J	1	0.012	0.27	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-43-9	Cadmium	0.74		1	0.012	0.27	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-70-2	Calcium	16200		1	3.05	88.7	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-47-3	Chromium	11.4		1	0.051	0.44	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-48-4	Cobalt	5.27		1	0.035	1.33	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-50-8	Copper	39.0		1	0.42	0.89	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7439-89-6	Iron	15400		1	2.38	4.43	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7439-92-1	Lead	16.5		1	0.13	0.53	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7439-95-4	Magnesium	5730		1	3.85	88.7	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7439-96-5	Manganese	131		1	0.059	0.89	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7439-97-6	Mercury	0.031	*	1	0.0070	0.014	mg/Kg	11/07/23 13:05	11/07/23 16:35	SW7471B	
7440-02-0	Nickel	14.0		1	0.080	1.77	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-09-7	Potassium	512		1	25.4	88.7	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	0.89	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-22-4	Silver	0.056	UN	1	0.056	0.44	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-23-5	Sodium	190		1	31.9	88.7	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.77	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-62-2	Vanadium	19.0		1	0.30	1.77	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050
7440-66-6	Zinc	58.8		1	0.13	1.77	mg/Kg	11/07/23 12:30	11/09/23 12:00	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Brown	Clarity After:		Artifacts:	No
Comments:	TCL+30/TAL				

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB61	Mercury	0.20	+/-0.20	U	0.20	CV	11/07/2023	16:15	LB128217

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Metals

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Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB74	Mercury	0.20	+/-0.20	U	0.20	CV	11/07/2023	16:19	LB128217
CCB75	Mercury	0.20	+/-0.20	U	0.20	CV	11/07/2023	16:46	LB128217
CCB76	Mercury	0.20	+/-0.20	U	0.20	CV	11/07/2023	17:23	LB128217
CCB77	Mercury	0.20	+/-0.20	U	0.20	CV	11/07/2023	17:37	LB128217

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Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	11/09/2023	11:24	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	11:24	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	11:24	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	11:24	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	11:24	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	11:24	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	11:24	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	11:24	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	11:24	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	11:24	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	11:24	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	11:24	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	11:24	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	11:24	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	11:24	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	11:24	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	11:24	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	11:24	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	11:24	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	11:24	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	11:24	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	11:24	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	11/09/2023	11:48	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	11:48	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	11:48	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	11:48	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	11:48	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	11:48	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	11:48	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	11:48	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	11:48	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	11:48	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	11:48	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	11:48	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	11:48	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	11:48	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	11:48	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	11:48	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	11:48	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	11:48	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	11:48	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	11:48	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	11:48	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	11:48	LB128258
CCB02	Aluminum	100	+/-100	U	100	P	11/09/2023	12:34	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	12:34	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	12:34	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	12:34	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	12:34	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	12:34	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	12:34	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	12:34	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	12:34	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	12:34	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	12:34	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	12:34	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	12:34	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	12:34	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	12:34	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	12:34	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	12:34	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	12:34	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Sodium	2000	+/-2000	U	2000	P	11/09/2023	12:34	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	12:34	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	12:34	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	12:34	LB128258
CCB03	Aluminum	100	+/-100	U	100	P	11/09/2023	13:00	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	13:00	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	13:00	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	13:00	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	13:00	LB128258
	Cadmium	0.22	+/-6.00	J	6.00	P	11/09/2023	13:00	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	13:00	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	13:00	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	13:00	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	13:00	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	13:00	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	13:00	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	13:00	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	13:00	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	13:00	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	13:00	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	13:00	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	13:00	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	13:00	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	13:00	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	13:00	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	13:00	LB128258
CCB04	Aluminum	100	+/-100	U	100	P	11/09/2023	14:04	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	14:04	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	14:04	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	14:04	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	14:04	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	14:04	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	14:04	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	14:04	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	14:04	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	14:04	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	14:04	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	14:04	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	14:04	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	14:04	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	14:04	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	14:04	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	14:04	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	14:04	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	14:04	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	14:04	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	14:04	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	14:04	LB128258
CCB05	Aluminum	100	+/-100	U	100	P	11/09/2023	14:50	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	14:50	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	14:50	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	14:50	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	14:50	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	14:50	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	14:50	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	14:50	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	14:50	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	14:50	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	14:50	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	14:50	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	14:50	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	14:50	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	14:50	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	14:50	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	14:50	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	14:50	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	14:50	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	14:50	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	14:50	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	14:50	LB128258
CCB06	Aluminum	100	+/-100	U	100	P	11/09/2023	15:37	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	15:37	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	15:37	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	15:37	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	15:37	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	15:37	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	15:37	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	15:37	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	15:37	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	15:37	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Iron	100	+/-100	U	100	P	11/09/2023	15:37	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	15:37	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	15:37	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	15:37	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	15:37	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	15:37	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	15:37	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	15:37	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	15:37	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	15:37	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	15:37	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	15:37	LB128258
CCB07	Aluminum	100	+/-100	U	100	P	11/09/2023	16:23	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	16:23	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	16:23	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	16:23	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	16:23	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	16:23	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	16:23	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	16:23	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	16:23	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	16:23	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	16:23	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	16:23	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	16:23	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	16:23	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	16:23	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	16:23	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	16:23	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	16:23	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	16:23	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	16:23	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	16:23	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	16:23	LB128258
CCB08	Aluminum	100	+/-100	U	100	P	11/09/2023	17:11	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	17:11	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	17:11	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	17:11	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	17:11	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	17:11	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Calcium	2000	+/-2000	U	2000	P	11/09/2023	17:11	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	17:11	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	17:11	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	17:11	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	17:11	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	17:11	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	17:11	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	17:11	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	17:11	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	17:11	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	17:11	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	17:11	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	17:11	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	17:11	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	17:11	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	17:11	LB128258
CCB09	Aluminum	100	+/-100	U	100	P	11/09/2023	18:00	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	18:00	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	18:00	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	18:00	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	18:00	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	18:00	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	18:00	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	18:00	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	18:00	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	18:00	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	18:00	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	18:00	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	18:00	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	18:00	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	18:00	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	18:00	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	18:00	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	18:00	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	18:00	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	18:00	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	18:00	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	18:00	LB128258
CCB10	Aluminum	100	+/-100	U	100	P	11/09/2023	18:36	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	18:36	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB10	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	18:36	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	18:36	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	18:36	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	18:36	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	18:36	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	18:36	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	18:36	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	18:36	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	18:36	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	18:36	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	18:36	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	18:36	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	18:36	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	18:36	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	18:36	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	18:36	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	18:36	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	18:36	LB128258
	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	18:36	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	18:36	LB128258
CCB11	Aluminum	100	+/-100	U	100	P	11/09/2023	19:09	LB128258
	Antimony	50.0	+/-50.0	U	50.0	P	11/09/2023	19:09	LB128258
	Arsenic	20.0	+/-20.0	U	20.0	P	11/09/2023	19:09	LB128258
	Barium	100	+/-100	U	100	P	11/09/2023	19:09	LB128258
	Beryllium	6.00	+/-6.00	U	6.00	P	11/09/2023	19:09	LB128258
	Cadmium	6.00	+/-6.00	U	6.00	P	11/09/2023	19:09	LB128258
	Calcium	2000	+/-2000	U	2000	P	11/09/2023	19:09	LB128258
	Chromium	10.0	+/-10.0	U	10.0	P	11/09/2023	19:09	LB128258
	Cobalt	30.0	+/-30.0	U	30.0	P	11/09/2023	19:09	LB128258
	Copper	20.0	+/-20.0	U	20.0	P	11/09/2023	19:09	LB128258
	Iron	100	+/-100	U	100	P	11/09/2023	19:09	LB128258
	Lead	12.0	+/-12.0	U	12.0	P	11/09/2023	19:09	LB128258
	Magnesium	2000	+/-2000	U	2000	P	11/09/2023	19:09	LB128258
	Manganese	20.0	+/-20.0	U	20.0	P	11/09/2023	19:09	LB128258
	Nickel	40.0	+/-40.0	U	40.0	P	11/09/2023	19:09	LB128258
	Potassium	2000	+/-2000	U	2000	P	11/09/2023	19:09	LB128258
	Selenium	20.0	+/-20.0	U	20.0	P	11/09/2023	19:09	LB128258
	Silver	10.0	+/-10.0	U	10.0	P	11/09/2023	19:09	LB128258
	Sodium	2000	+/-2000	U	2000	P	11/09/2023	19:09	LB128258
	Thallium	40.0	+/-40.0	U	40.0	P	11/09/2023	19:09	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Vanadium	40.0	+/-40.0	U	40.0	P	11/09/2023	19:09	LB128258
	Zinc	40.0	+/-40.0	U	40.0	P	11/09/2023	19:09	LB128258

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Metals
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PREPARATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB156977BL		**SOLID**		**Batch Number:**	**PB156977**		**Prep Date:**	**11/07/2023**	
	Mercury	0.013	<0.013	U	0.013	CV	11/07/2023	16:28	LB128217

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Metals
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PREPARATION BLANK SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB156965BL		**SOLID**		**Batch Number:**	**PB156965**		**Prep Date:**	**11/07/2023**	
	Aluminum	4.72	<4.72	U	4.72	P	11/09/2023	11:52	LB128258
	Antimony	2.36	<2.36	U	2.36	P	11/09/2023	11:52	LB128258
	Arsenic	0.94	<0.94	U	0.94	P	11/09/2023	11:52	LB128258
	Barium	4.72	<4.72	U	4.72	P	11/09/2023	11:52	LB128258
	Beryllium	0.28	<0.28	U	0.28	P	11/09/2023	11:52	LB128258
	Cadmium	0.28	<0.28	U	0.28	P	11/09/2023	11:52	LB128258
	Calcium	94.3	<94.3	U	94.3	P	11/09/2023	11:52	LB128258
	Chromium	0.47	<0.47	U	0.47	P	11/09/2023	11:52	LB128258
	Cobalt	1.42	<1.42	U	1.42	P	11/09/2023	11:52	LB128258
	Copper	0.94	<0.94	U	0.94	P	11/09/2023	11:52	LB128258
	Iron	4.72	<4.72	U	4.72	P	11/09/2023	11:52	LB128258
	Lead	0.57	<0.57	U	0.57	P	11/09/2023	11:52	LB128258
	Magnesium	94.3	<94.3	U	94.3	P	11/09/2023	11:52	LB128258
	Manganese	0.94	<0.94	U	0.94	P	11/09/2023	11:52	LB128258
	Nickel	1.89	<1.89	U	1.89	P	11/09/2023	11:52	LB128258
	Potassium	94.3	<94.3	U	94.3	P	11/09/2023	11:52	LB128258
	Selenium	0.94	<0.94	U	0.94	P	11/09/2023	11:52	LB128258
	Silver	0.47	<0.47	U	0.47	P	11/09/2023	11:52	LB128258
	Sodium	94.3	<94.3	U	94.3	P	11/09/2023	11:52	LB128258
	Thallium	1.89	<1.89	U	1.89	P	11/09/2023	11:52	LB128258
	Vanadium	1.89	<1.89	U	1.89	P	11/09/2023	11:52	LB128258
	Zinc	1.89	<1.89	U	1.89	P	11/09/2023	11:52	LB128258

CHEMTECH

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METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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
ICV61	Mercury	3.90	4.0	98	90 - 110	CV	11/07/2023	16:12	LB128217

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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
CCV74	Mercury	4.96	5.0	99	90 - 110	CV	11/07/2023	16:17	LB128217
CCV75	Mercury	4.95	5.0	99	90 - 110	CV	11/07/2023	16:44	LB128217
CCV76	Mercury	4.98	5.0	100	90 - 110	CV	11/07/2023	17:21	LB128217
CCV77	Mercury	4.93	5.0	99	90 - 110	CV	11/07/2023	17:34	LB128217

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	2500	2500	100	90 - 110	P	11/09/2023	11:16	LB128258
	Antimony	1000	1000	100	90 - 110	P	11/09/2023	11:16	LB128258
	Arsenic	1070	1000	106	90 - 110	P	11/09/2023	11:16	LB128258
	Barium	479	520	92	90 - 110	P	11/09/2023	11:16	LB128258
	Beryllium	516	510	101	90 - 110	P	11/09/2023	11:16	LB128258
	Cadmium	521	510	102	90 - 110	P	11/09/2023	11:16	LB128258
	Calcium	9970	10000	100	90 - 110	P	11/09/2023	11:16	LB128258
	Chromium	518	520	100	90 - 110	P	11/09/2023	11:16	LB128258
	Cobalt	505	520	97	90 - 110	P	11/09/2023	11:16	LB128258
	Copper	522	510	102	90 - 110	P	11/09/2023	11:16	LB128258
	Iron	9860	10000	99	90 - 110	P	11/09/2023	11:16	LB128258
	Lead	1030	1000	103	90 - 110	P	11/09/2023	11:16	LB128258
	Magnesium	5880	6000	98	90 - 110	P	11/09/2023	11:16	LB128258
	Manganese	515	520	99	90 - 110	P	11/09/2023	11:16	LB128258
	Nickel	510	530	96	90 - 110	P	11/09/2023	11:16	LB128258
	Potassium	9900	9900	100	90 - 110	P	11/09/2023	11:16	LB128258
	Selenium	1080	1000	108	90 - 110	P	11/09/2023	11:16	LB128258
	Silver	255	250	102	90 - 110	P	11/09/2023	11:16	LB128258
	Sodium	9920	10000	99	90 - 110	P	11/09/2023	11:16	LB128258
	Thallium	1030	1000	103	90 - 110	P	11/09/2023	11:16	LB128258
	Vanadium	498	500	100	90 - 110	P	11/09/2023	11:16	LB128258
	Zinc	1010	1000	101	90 - 110	P	11/09/2023	11:16	LB128258

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	94.5	100	94	80 - 120	P	11/09/2023	11:20	LB128258
	Antimony	49.6	50.0	99	80 - 120	P	11/09/2023	11:20	LB128258
	Arsenic	17.5	20.0	88	80 - 120	P	11/09/2023	11:20	LB128258
	Barium	93.3	100	93	80 - 120	P	11/09/2023	11:20	LB128258
	Beryllium	6.14	6.0	102	80 - 120	P	11/09/2023	11:20	LB128258
	Cadmium	6.23	6.0	104	80 - 120	P	11/09/2023	11:20	LB128258
	Calcium	1990	2000	99	80 - 120	P	11/09/2023	11:20	LB128258
	Chromium	9.32	10.0	93	80 - 120	P	11/09/2023	11:20	LB128258
	Cobalt	29.3	30.0	98	80 - 120	P	11/09/2023	11:20	LB128258
	Copper	21.1	20.0	106	80 - 120	P	11/09/2023	11:20	LB128258
	Iron	105	100	105	80 - 120	P	11/09/2023	11:20	LB128258
	Lead	13.5	12.0	112	80 - 120	P	11/09/2023	11:20	LB128258
	Magnesium	2120	2000	106	80 - 120	P	11/09/2023	11:20	LB128258
	Manganese	20.3	20.0	101	80 - 120	P	11/09/2023	11:20	LB128258
	Nickel	39.8	40.0	99	80 - 120	P	11/09/2023	11:20	LB128258
	Potassium	1950	2000	97	80 - 120	P	11/09/2023	11:20	LB128258
	Selenium	18.5	20.0	93	80 - 120	P	11/09/2023	11:20	LB128258
	Silver	9.77	10.0	98	80 - 120	P	11/09/2023	11:20	LB128258
	Sodium	2010	2000	100	80 - 120	P	11/09/2023	11:20	LB128258
	Thallium	40.8	40.0	102	80 - 120	P	11/09/2023	11:20	LB128258
	Vanadium	40.0	40.0	100	80 - 120	P	11/09/2023	11:20	LB128258
	Zinc	40.6	40.0	102	80 - 120	P	11/09/2023	11:20	LB128258

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	9800	10000	98	90 - 110	P	11/09/2023	11:40	LB128258
	Antimony	4790	5000	96	90 - 110	P	11/09/2023	11:40	LB128258
	Arsenic	4840	5000	97	90 - 110	P	11/09/2023	11:40	LB128258
	Barium	9850	10000	98	90 - 110	P	11/09/2023	11:40	LB128258
	Beryllium	244	250	97	90 - 110	P	11/09/2023	11:40	LB128258
	Cadmium	2460	2500	98	90 - 110	P	11/09/2023	11:40	LB128258
	Calcium	24500	25000	98	90 - 110	P	11/09/2023	11:40	LB128258
	Chromium	973	1000	97	90 - 110	P	11/09/2023	11:40	LB128258
	Cobalt	2410	2500	96	90 - 110	P	11/09/2023	11:40	LB128258
	Copper	1210	1250	97	90 - 110	P	11/09/2023	11:40	LB128258
	Iron	4690	5000	94	90 - 110	P	11/09/2023	11:40	LB128258
	Lead	4940	5000	99	90 - 110	P	11/09/2023	11:40	LB128258
	Magnesium	24500	25000	98	90 - 110	P	11/09/2023	11:40	LB128258
	Manganese	2470	2500	99	90 - 110	P	11/09/2023	11:40	LB128258
	Nickel	2410	2500	96	90 - 110	P	11/09/2023	11:40	LB128258
	Potassium	23600	25000	94	90 - 110	P	11/09/2023	11:40	LB128258
	Selenium	4810	5000	96	90 - 110	P	11/09/2023	11:40	LB128258
	Silver	1190	1250	95	90 - 110	P	11/09/2023	11:40	LB128258
	Sodium	23500	25000	94	90 - 110	P	11/09/2023	11:40	LB128258
	Thallium	5130	5000	103	90 - 110	P	11/09/2023	11:40	LB128258
	Vanadium	2450	2500	98	90 - 110	P	11/09/2023	11:40	LB128258
	Zinc	2410	2500	96	90 - 110	P	11/09/2023	11:40	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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
LLCCV01	Aluminum	83.4	100	83	80 - 120	P	11/09/2023	11:44	LB128258
	Antimony	48.1	50.0	96	80 - 120	P	11/09/2023	11:44	LB128258
	Arsenic	19.4	20.0	97	80 - 120	P	11/09/2023	11:44	LB128258
	Barium	90.8	100	91	80 - 120	P	11/09/2023	11:44	LB128258
	Beryllium	5.94	6.0	99	80 - 120	P	11/09/2023	11:44	LB128258
	Cadmium	6.25	6.0	104	80 - 120	P	11/09/2023	11:44	LB128258
	Calcium	1990	2000	100	80 - 120	P	11/09/2023	11:44	LB128258
	Chromium	9.41	10.0	94	80 - 120	P	11/09/2023	11:44	LB128258
	Cobalt	28.3	30.0	94	80 - 120	P	11/09/2023	11:44	LB128258
	Copper	21.3	20.0	106	80 - 120	P	11/09/2023	11:44	LB128258
	Iron	98.7	100	99	80 - 120	P	11/09/2023	11:44	LB128258
	Lead	12.0	12.0	100	80 - 120	P	11/09/2023	11:44	LB128258
	Magnesium	2100	2000	105	80 - 120	P	11/09/2023	11:44	LB128258
	Manganese	19.8	20.0	99	80 - 120	P	11/09/2023	11:44	LB128258
	Nickel	37.6	40.0	94	80 - 120	P	11/09/2023	11:44	LB128258
	Potassium	1870	2000	93	80 - 120	P	11/09/2023	11:44	LB128258
	Selenium	18.3	20.0	92	80 - 120	P	11/09/2023	11:44	LB128258
	Silver	9.34	10.0	93	80 - 120	P	11/09/2023	11:44	LB128258
	Sodium	1850	2000	93	80 - 120	P	11/09/2023	11:44	LB128258
	Thallium	36.2	40.0	91	80 - 120	P	11/09/2023	11:44	LB128258
	Vanadium	38.9	40.0	97	80 - 120	P	11/09/2023	11:44	LB128258
	Zinc	38.6	40.0	96	80 - 120	P	11/09/2023	11:44	LB128258

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	9750	10000	98	90 - 110	P	11/09/2023	12:30	LB128258
	Antimony	4960	5000	99	90 - 110	P	11/09/2023	12:30	LB128258
	Arsenic	5070	5000	101	90 - 110	P	11/09/2023	12:30	LB128258
	Barium	9740	10000	97	90 - 110	P	11/09/2023	12:30	LB128258
	Beryllium	245	250	98	90 - 110	P	11/09/2023	12:30	LB128258
	Cadmium	2520	2500	101	90 - 110	P	11/09/2023	12:30	LB128258
	Calcium	24400	25000	98	90 - 110	P	11/09/2023	12:30	LB128258
	Chromium	981	1000	98	90 - 110	P	11/09/2023	12:30	LB128258
	Cobalt	2460	2500	98	90 - 110	P	11/09/2023	12:30	LB128258
	Copper	1240	1250	99	90 - 110	P	11/09/2023	12:30	LB128258
	Iron	4820	5000	96	90 - 110	P	11/09/2023	12:30	LB128258
	Lead	5050	5000	101	90 - 110	P	11/09/2023	12:30	LB128258
	Magnesium	24300	25000	97	90 - 110	P	11/09/2023	12:30	LB128258
	Manganese	2480	2500	99	90 - 110	P	11/09/2023	12:30	LB128258
	Nickel	2470	2500	99	90 - 110	P	11/09/2023	12:30	LB128258
	Potassium	24300	25000	97	90 - 110	P	11/09/2023	12:30	LB128258
	Selenium	5090	5000	102	90 - 110	P	11/09/2023	12:30	LB128258
	Silver	1220	1250	98	90 - 110	P	11/09/2023	12:30	LB128258
	Sodium	24300	25000	97	90 - 110	P	11/09/2023	12:30	LB128258
	Thallium	4570	5000	91	90 - 110	P	11/09/2023	12:30	LB128258
	Vanadium	2430	2500	97	90 - 110	P	11/09/2023	12:30	LB128258
	Zinc	2450	2500	98	90 - 110	P	11/09/2023	12:30	LB128258
CCV03	Aluminum	9830	10000	98	90 - 110	P	11/09/2023	12:57	LB128258
	Antimony	4990	5000	100	90 - 110	P	11/09/2023	12:57	LB128258
	Arsenic	5060	5000	101	90 - 110	P	11/09/2023	12:57	LB128258
	Barium	9800	10000	98	90 - 110	P	11/09/2023	12:57	LB128258
	Beryllium	244	250	98	90 - 110	P	11/09/2023	12:57	LB128258
	Cadmium	2530	2500	101	90 - 110	P	11/09/2023	12:57	LB128258
	Calcium	24400	25000	98	90 - 110	P	11/09/2023	12:57	LB128258
	Chromium	981	1000	98	90 - 110	P	11/09/2023	12:57	LB128258
	Cobalt	2480	2500	99	90 - 110	P	11/09/2023	12:57	LB128258
	Copper	1250	1250	100	90 - 110	P	11/09/2023	12:57	LB128258
	Iron	4860	5000	97	90 - 110	P	11/09/2023	12:57	LB128258
	Lead	5070	5000	101	90 - 110	P	11/09/2023	12:57	LB128258

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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
CCV03	Magnesium	24200	25000	97	90 - 110	P	11/09/2023	12:57	LB128258
	Manganese	2470	2500	99	90 - 110	P	11/09/2023	12:57	LB128258
	Nickel	2480	2500	99	90 - 110	P	11/09/2023	12:57	LB128258
	Potassium	24300	25000	97	90 - 110	P	11/09/2023	12:57	LB128258
	Selenium	5080	5000	102	90 - 110	P	11/09/2023	12:57	LB128258
	Silver	1220	1250	97	90 - 110	P	11/09/2023	12:57	LB128258
	Sodium	24300	25000	97	90 - 110	P	11/09/2023	12:57	LB128258
	Thallium	5030	5000	101	90 - 110	P	11/09/2023	12:57	LB128258
	Vanadium	2440	2500	98	90 - 110	P	11/09/2023	12:57	LB128258
	Zinc	2440	2500	98	90 - 110	P	11/09/2023	12:57	LB128258
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/09/2023	14:00	LB128258
	Antimony	5070	5000	101	90 - 110	P	11/09/2023	14:00	LB128258
	Arsenic	5200	5000	104	90 - 110	P	11/09/2023	14:00	LB128258
	Barium	9750	10000	98	90 - 110	P	11/09/2023	14:00	LB128258
	Beryllium	250	250	100	90 - 110	P	11/09/2023	14:00	LB128258
	Cadmium	2560	2500	102	90 - 110	P	11/09/2023	14:00	LB128258
	Calcium	24400	25000	97	90 - 110	P	11/09/2023	14:00	LB128258
	Chromium	997	1000	100	90 - 110	P	11/09/2023	14:00	LB128258
	Cobalt	2490	2500	100	90 - 110	P	11/09/2023	14:00	LB128258
	Copper	1260	1250	101	90 - 110	P	11/09/2023	14:00	LB128258
	Iron	4980	5000	100	90 - 110	P	11/09/2023	14:00	LB128258
	Lead	5110	5000	102	90 - 110	P	11/09/2023	14:00	LB128258
	Magnesium	24200	25000	97	90 - 110	P	11/09/2023	14:00	LB128258
	Manganese	2460	2500	98	90 - 110	P	11/09/2023	14:00	LB128258
	Nickel	2500	2500	100	90 - 110	P	11/09/2023	14:00	LB128258
	Potassium	25000	25000	100	90 - 110	P	11/09/2023	14:00	LB128258
	Selenium	5290	5000	106	90 - 110	P	11/09/2023	14:00	LB128258
	Silver	1250	1250	100	90 - 110	P	11/09/2023	14:00	LB128258
	Sodium	25000	25000	100	90 - 110	P	11/09/2023	14:00	LB128258
	Thallium	5170	5000	103	90 - 110	P	11/09/2023	14:00	LB128258
	Vanadium	2430	2500	97	90 - 110	P	11/09/2023	14:00	LB128258
	Zinc	2500	2500	100	90 - 110	P	11/09/2023	14:00	LB128258
CCV05	Aluminum	9770	10000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Antimony	4870	5000	97	90 - 110	P	11/09/2023	14:46	LB128258

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	Arsenic	4930	5000	99	90 - 110	P	11/09/2023	14:46	LB128258
	Barium	9760	10000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Beryllium	240	250	96	90 - 110	P	11/09/2023	14:46	LB128258
	Cadmium	2480	2500	99	90 - 110	P	11/09/2023	14:46	LB128258
	Calcium	24400	25000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Chromium	981	1000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Cobalt	2450	2500	98	90 - 110	P	11/09/2023	14:46	LB128258
	Copper	1230	1250	98	90 - 110	P	11/09/2023	14:46	LB128258
	Iron	4870	5000	97	90 - 110	P	11/09/2023	14:46	LB128258
	Lead	4970	5000	99	90 - 110	P	11/09/2023	14:46	LB128258
	Magnesium	24000	25000	96	90 - 110	P	11/09/2023	14:46	LB128258
	Manganese	2460	2500	98	90 - 110	P	11/09/2023	14:46	LB128258
	Nickel	2440	2500	98	90 - 110	P	11/09/2023	14:46	LB128258
	Potassium	24500	25000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Selenium	4920	5000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Silver	1220	1250	97	90 - 110	P	11/09/2023	14:46	LB128258
	Sodium	24400	25000	98	90 - 110	P	11/09/2023	14:46	LB128258
	Thallium	5050	5000	101	90 - 110	P	11/09/2023	14:46	LB128258
	Vanadium	2430	2500	97	90 - 110	P	11/09/2023	14:46	LB128258
	Zinc	2420	2500	97	90 - 110	P	11/09/2023	14:46	LB128258
CCV06	Aluminum	9700	10000	97	90 - 110	P	11/09/2023	15:33	LB128258
	Antimony	5070	5000	101	90 - 110	P	11/09/2023	15:33	LB128258
	Arsenic	5220	5000	104	90 - 110	P	11/09/2023	15:33	LB128258
	Barium	9630	10000	96	90 - 110	P	11/09/2023	15:33	LB128258
	Beryllium	241	250	96	90 - 110	P	11/09/2023	15:33	LB128258
	Cadmium	2540	2500	102	90 - 110	P	11/09/2023	15:33	LB128258
	Calcium	24200	25000	97	90 - 110	P	11/09/2023	15:33	LB128258
	Chromium	994	1000	99	90 - 110	P	11/09/2023	15:33	LB128258
	Cobalt	2490	2500	100	90 - 110	P	11/09/2023	15:33	LB128258
	Copper	1260	1250	101	90 - 110	P	11/09/2023	15:33	LB128258
	Iron	5040	5000	101	90 - 110	P	11/09/2023	15:33	LB128258
	Lead	5060	5000	101	90 - 110	P	11/09/2023	15:33	LB128258
	Magnesium	23700	25000	95	90 - 110	P	11/09/2023	15:33	LB128258
	Manganese	2450	2500	98	90 - 110	P	11/09/2023	15:33	LB128258

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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
CCV06	Nickel	2490	2500	100	90 - 110	P	11/09/2023	15:33	LB128258
	Potassium	26200	25000	105	90 - 110	P	11/09/2023	15:33	LB128258
	Selenium	5290	5000	106	90 - 110	P	11/09/2023	15:33	LB128258
	Silver	1260	1250	101	90 - 110	P	11/09/2023	15:33	LB128258
	Sodium	26700	25000	107	90 - 110	P	11/09/2023	15:33	LB128258
	Thallium	5090	5000	102	90 - 110	P	11/09/2023	15:33	LB128258
	Vanadium	2390	2500	96	90 - 110	P	11/09/2023	15:33	LB128258
	Zinc	2510	2500	100	90 - 110	P	11/09/2023	15:33	LB128258
CCV07	Aluminum	9940	10000	99	90 - 110	P	11/09/2023	16:19	LB128258
	Antimony	5030	5000	101	90 - 110	P	11/09/2023	16:19	LB128258
	Arsenic	5150	5000	103	90 - 110	P	11/09/2023	16:19	LB128258
	Barium	9780	10000	98	90 - 110	P	11/09/2023	16:19	LB128258
	Beryllium	247	250	99	90 - 110	P	11/09/2023	16:19	LB128258
	Cadmium	2530	2500	101	90 - 110	P	11/09/2023	16:19	LB128258
	Calcium	24700	25000	99	90 - 110	P	11/09/2023	16:19	LB128258
	Chromium	1010	1000	101	90 - 110	P	11/09/2023	16:19	LB128258
	Cobalt	2480	2500	99	90 - 110	P	11/09/2023	16:19	LB128258
	Copper	1260	1250	100	90 - 110	P	11/09/2023	16:19	LB128258
	Iron	5090	5000	102	90 - 110	P	11/09/2023	16:19	LB128258
	Lead	5030	5000	101	90 - 110	P	11/09/2023	16:19	LB128258
	Magnesium	24100	25000	96	90 - 110	P	11/09/2023	16:19	LB128258
	Manganese	2490	2500	100	90 - 110	P	11/09/2023	16:19	LB128258
	Nickel	2470	2500	99	90 - 110	P	11/09/2023	16:19	LB128258
	Potassium	25800	25000	103	90 - 110	P	11/09/2023	16:19	LB128258
	Selenium	5230	5000	105	90 - 110	P	11/09/2023	16:19	LB128258
	Silver	1280	1250	102	90 - 110	P	11/09/2023	16:19	LB128258
	Sodium	26000	25000	104	90 - 110	P	11/09/2023	16:19	LB128258
	Thallium	5190	5000	104	90 - 110	P	11/09/2023	16:19	LB128258
	Vanadium	2430	2500	97	90 - 110	P	11/09/2023	16:19	LB128258
	Zinc	2560	2500	102	90 - 110	P	11/09/2023	16:19	LB128258
CCV08	Aluminum	9760	10000	98	90 - 110	P	11/09/2023	17:07	LB128258
	Antimony	4810	5000	96	90 - 110	P	11/09/2023	17:07	LB128258
	Arsenic	4860	5000	97	90 - 110	P	11/09/2023	17:07	LB128258
	Barium	9600	10000	96	90 - 110	P	11/09/2023	17:07	LB128258

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	Beryllium	238	250	95	90 - 110	P	11/09/2023	17:07	LB128258
	Cadmium	2430	2500	97	90 - 110	P	11/09/2023	17:07	LB128258
	Calcium	24300	25000	97	90 - 110	P	11/09/2023	17:07	LB128258
	Chromium	971	1000	97	90 - 110	P	11/09/2023	17:07	LB128258
	Cobalt	2410	2500	96	90 - 110	P	11/09/2023	17:07	LB128258
	Copper	1220	1250	98	90 - 110	P	11/09/2023	17:07	LB128258
	Iron	4790	5000	96	90 - 110	P	11/09/2023	17:07	LB128258
	Lead	4860	5000	97	90 - 110	P	11/09/2023	17:07	LB128258
	Magnesium	23700	25000	95	90 - 110	P	11/09/2023	17:07	LB128258
	Manganese	2450	2500	98	90 - 110	P	11/09/2023	17:07	LB128258
	Nickel	2390	2500	96	90 - 110	P	11/09/2023	17:07	LB128258
	Potassium	24400	25000	98	90 - 110	P	11/09/2023	17:07	LB128258
	Selenium	4870	5000	97	90 - 110	P	11/09/2023	17:07	LB128258
	Silver	1210	1250	96	90 - 110	P	11/09/2023	17:07	LB128258
	Sodium	24400	25000	98	90 - 110	P	11/09/2023	17:07	LB128258
	Thallium	4920	5000	98	90 - 110	P	11/09/2023	17:07	LB128258
	Vanadium	2400	2500	96	90 - 110	P	11/09/2023	17:07	LB128258
	Zinc	2400	2500	96	90 - 110	P	11/09/2023	17:07	LB128258
CCV09	Aluminum	9760	10000	98	90 - 110	P	11/09/2023	17:56	LB128258
	Antimony	4950	5000	99	90 - 110	P	11/09/2023	17:56	LB128258
	Arsenic	5090	5000	102	90 - 110	P	11/09/2023	17:56	LB128258
	Barium	9560	10000	96	90 - 110	P	11/09/2023	17:56	LB128258
	Beryllium	245	250	98	90 - 110	P	11/09/2023	17:56	LB128258
	Cadmium	2500	2500	100	90 - 110	P	11/09/2023	17:56	LB128258
	Calcium	24300	25000	97	90 - 110	P	11/09/2023	17:56	LB128258
	Chromium	986	1000	99	90 - 110	P	11/09/2023	17:56	LB128258
	Cobalt	2470	2500	99	90 - 110	P	11/09/2023	17:56	LB128258
	Copper	1250	1250	100	90 - 110	P	11/09/2023	17:56	LB128258
	Iron	4900	5000	98	90 - 110	P	11/09/2023	17:56	LB128258
	Lead	4980	5000	100	90 - 110	P	11/09/2023	17:56	LB128258
	Magnesium	23800	25000	95	90 - 110	P	11/09/2023	17:56	LB128258
	Manganese	2450	2500	98	90 - 110	P	11/09/2023	17:56	LB128258
	Nickel	2450	2500	98	90 - 110	P	11/09/2023	17:56	LB128258
	Potassium	25000	25000	100	90 - 110	P	11/09/2023	17:56	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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
CCV09	Selenium	5110	5000	102	90 - 110	P	11/09/2023	17:56	LB128258
	Silver	1240	1250	99	90 - 110	P	11/09/2023	17:56	LB128258
	Sodium	25100	25000	101	90 - 110	P	11/09/2023	17:56	LB128258
	Thallium	4890	5000	98	90 - 110	P	11/09/2023	17:56	LB128258
	Vanadium	2390	2500	96	90 - 110	P	11/09/2023	17:56	LB128258
	Zinc	2470	2500	99	90 - 110	P	11/09/2023	17:56	LB128258
CCV10	Aluminum	9710	10000	97	90 - 110	P	11/09/2023	18:32	LB128258
	Antimony	4740	5000	95	90 - 110	P	11/09/2023	18:32	LB128258
	Arsenic	4800	5000	96	90 - 110	P	11/09/2023	18:32	LB128258
	Barium	9530	10000	95	90 - 110	P	11/09/2023	18:32	LB128258
	Beryllium	244	250	98	90 - 110	P	11/09/2023	18:32	LB128258
	Cadmium	2420	2500	97	90 - 110	P	11/09/2023	18:32	LB128258
	Calcium	24100	25000	96	90 - 110	P	11/09/2023	18:32	LB128258
	Chromium	958	1000	96	90 - 110	P	11/09/2023	18:32	LB128258
	Cobalt	2400	2500	96	90 - 110	P	11/09/2023	18:32	LB128258
	Copper	1200	1250	96	90 - 110	P	11/09/2023	18:32	LB128258
	Iron	4560	5000	91	90 - 110	P	11/09/2023	18:32	LB128258
	Lead	4860	5000	97	90 - 110	P	11/09/2023	18:32	LB128258
	Magnesium	23800	25000	95	90 - 110	P	11/09/2023	18:32	LB128258
	Manganese	2440	2500	98	90 - 110	P	11/09/2023	18:32	LB128258
	Nickel	2380	2500	95	90 - 110	P	11/09/2023	18:32	LB128258
	Potassium	23400	25000	94	90 - 110	P	11/09/2023	18:32	LB128258
	Selenium	4780	5000	96	90 - 110	P	11/09/2023	18:32	LB128258
	Silver	1180	1250	95	90 - 110	P	11/09/2023	18:32	LB128258
	Sodium	23200	25000	93	90 - 110	P	11/09/2023	18:32	LB128258
	Thallium	4900	5000	98	90 - 110	P	11/09/2023	18:32	LB128258
	Vanadium	2380	2500	95	90 - 110	P	11/09/2023	18:32	LB128258
	Zinc	2370	2500	95	90 - 110	P	11/09/2023	18:32	LB128258
CCV11	Aluminum	9620	10000	96	90 - 110	P	11/09/2023	19:05	LB128258
	Antimony	4900	5000	98	90 - 110	P	11/09/2023	19:05	LB128258
	Arsenic	5010	5000	100	90 - 110	P	11/09/2023	19:05	LB128258
	Barium	9490	10000	95	90 - 110	P	11/09/2023	19:05	LB128258
	Beryllium	244	250	98	90 - 110	P	11/09/2023	19:05	LB128258
	Cadmium	2480	2500	99	90 - 110	P	11/09/2023	19:05	LB128258

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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	Calcium	23900	25000	96	90 - 110	P	11/09/2023	19:05	LB128258
	Chromium	974	1000	97	90 - 110	P	11/09/2023	19:05	LB128258
	Cobalt	2420	2500	97	90 - 110	P	11/09/2023	19:05	LB128258
	Copper	1230	1250	98	90 - 110	P	11/09/2023	19:05	LB128258
	Iron	4850	5000	97	90 - 110	P	11/09/2023	19:05	LB128258
	Lead	4960	5000	99	90 - 110	P	11/09/2023	19:05	LB128258
	Magnesium	23700	25000	95	90 - 110	P	11/09/2023	19:05	LB128258
	Manganese	2430	2500	97	90 - 110	P	11/09/2023	19:05	LB128258
	Nickel	2420	2500	97	90 - 110	P	11/09/2023	19:05	LB128258
	Potassium	24500	25000	98	90 - 110	P	11/09/2023	19:05	LB128258
	Selenium	5070	5000	102	90 - 110	P	11/09/2023	19:05	LB128258
	Silver	1230	1250	98	90 - 110	P	11/09/2023	19:05	LB128258
	Sodium	24600	25000	98	90 - 110	P	11/09/2023	19:05	LB128258
	Thallium	4920	5000	98	90 - 110	P	11/09/2023	19:05	LB128258
	Vanadium	2370	2500	95	90 - 110	P	11/09/2023	19:05	LB128258
	Zinc	2410	2500	96	90 - 110	P	11/09/2023	19:05	LB128258

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Metals

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CRDL STANDARD FOR AA & ICP

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.17	0.2	83	40 - 160	CV	11/07/2023	16:21	LB128217
CRI01	Aluminum	96.1	100	96	40 - 160	P	11/09/2023	11:28	LB128258
	Antimony	50.2	50.0	100	40 - 160	P	11/09/2023	11:28	LB128258
	Arsenic	23.5	20.0	117	40 - 160	P	11/09/2023	11:28	LB128258
	Barium	91.2	100	91	40 - 160	P	11/09/2023	11:28	LB128258
	Beryllium	5.95	6.0	99	40 - 160	P	11/09/2023	11:28	LB128258
	Cadmium	6.35	6.0	106	40 - 160	P	11/09/2023	11:28	LB128258
	Calcium	1970	2000	99	40 - 160	P	11/09/2023	11:28	LB128258
	Chromium	9.44	10.0	94	40 - 160	P	11/09/2023	11:28	LB128258
	Cobalt	28.9	30.0	96	40 - 160	P	11/09/2023	11:28	LB128258
	Copper	21.3	20.0	106	40 - 160	P	11/09/2023	11:28	LB128258
	Iron	97.1	100	97	40 - 160	P	11/09/2023	11:28	LB128258
	Lead	11.9	12.0	99	40 - 160	P	11/09/2023	11:28	LB128258
	Magnesium	2110	2000	106	40 - 160	P	11/09/2023	11:28	LB128258
	Manganese	19.8	20.0	99	40 - 160	P	11/09/2023	11:28	LB128258
	Nickel	39.6	40.0	99	40 - 160	P	11/09/2023	11:28	LB128258
	Potassium	2000	2000	100	40 - 160	P	11/09/2023	11:28	LB128258
	Selenium	21.8	20.0	109	40 - 160	P	11/09/2023	11:28	LB128258
	Silver	9.54	10.0	95	40 - 160	P	11/09/2023	11:28	LB128258
	Sodium	2000	2000	100	40 - 160	P	11/09/2023	11:28	LB128258
	Thallium	30.6	40.0	77	40 - 160	P	11/09/2023	11:28	LB128258
	Vanadium	38.9	40.0	97	40 - 160	P	11/09/2023	11:28	LB128258
	Zinc	40.7	40.0	102	40 - 160	P	11/09/2023	11:28	LB128258

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Metals
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INTERFERENCE CHECK SAMPLE

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

ICS Source: EPA **Instrument ID:** P4

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	255000	255000	100	216000	294000	11/09/2023	11:32	LB128258
	Antimony	2.59			-50	50	11/09/2023	11:32	LB128258
	Arsenic	-8.50			-20	20	11/09/2023	11:32	LB128258
	Barium	8.01	6.0	134	-94	106	11/09/2023	11:32	LB128258
	Beryllium	0.95			-6	6	11/09/2023	11:32	LB128258
	Cadmium	2.48	1.0	248	-5	7	11/09/2023	11:32	LB128258
	Calcium	247000	245000	101	208000	282000	11/09/2023	11:32	LB128258
	Chromium	56.7	52.0	109	42	62	11/09/2023	11:32	LB128258
	Cobalt	0.28			-30	30	11/09/2023	11:32	LB128258
	Copper	21.9	2.0	1095	-18	22	11/09/2023	11:32	LB128258
	Iron	99900	101000	99	85600	116500	11/09/2023	11:32	LB128258
	Lead	-0.43			-12	12	11/09/2023	11:32	LB128258
	Magnesium	252000	255000	99	216000	294000	11/09/2023	11:32	LB128258
	Manganese	20.4	7.0	291	-13	27	11/09/2023	11:32	LB128258
	Nickel	3.62	2.0	181	-38	42	11/09/2023	11:32	LB128258
	Potassium	-237			0	0	11/09/2023	11:32	LB128258
	Selenium	-8.44			-20	20	11/09/2023	11:32	LB128258
	Silver	-3.77			-10	10	11/09/2023	11:32	LB128258
	Sodium	2.92			0	0	11/09/2023	11:32	LB128258
	Thallium	2.78			-40	40	11/09/2023	11:32	LB128258
	Vanadium	4.73			-40	40	11/09/2023	11:32	LB128258
	Zinc	1.57			-40	40	11/09/2023	11:32	LB128258
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/09/2023	11:36	LB128258
	Antimony	611	618	99	525	711	11/09/2023	11:36	LB128258
	Arsenic	103	104	99	88.4	120	11/09/2023	11:36	LB128258
	Barium	499	537	93	437	637	11/09/2023	11:36	LB128258
	Beryllium	506	495	102	420	570	11/09/2023	11:36	LB128258
	Cadmium	1040	972	107	826	1120	11/09/2023	11:36	LB128258
	Calcium	246000	235000	105	199000	271000	11/09/2023	11:36	LB128258
	Chromium	565	542	104	460	624	11/09/2023	11:36	LB128258
	Cobalt	508	476	107	404	548	11/09/2023	11:36	LB128258
	Copper	516	511	101	434	588	11/09/2023	11:36	LB128258
	Iron	99100	99300	100	84400	114500	11/09/2023	11:36	LB128258
	Lead	50.0	49.0	102	37	61	11/09/2023	11:36	LB128258
	Magnesium	250000	248000	101	210000	286000	11/09/2023	11:36	LB128258
	Manganese	523	507	103	430	584	11/09/2023	11:36	LB128258
	Nickel	1010	954	106	810	1100	11/09/2023	11:36	LB128258
	Potassium	-151			0	0	11/09/2023	11:36	LB128258
	Selenium	46.6	46.0	101	26	66	11/09/2023	11:36	LB128258
	Silver	203	201	101	170	232	11/09/2023	11:36	LB128258
	Sodium	17.7			0	0	11/09/2023	11:36	LB128258
	Thallium	108	108	100	68	148	11/09/2023	11:36	LB128258
	Vanadium	504	491	103	417	565	11/09/2023	11:36	LB128258
	Zinc	1030	952	108	809	1095	11/09/2023	11:36	LB128258

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METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: RMJ Environomics, Inc. **level:** low **sdg no.:** O5252

contract: RMJE02 **lab code:** CHEM **case no.:** O5252 **sas no.:** O5252

matrix: Solid **sample id:** O5257-05 **client id:** WC-2MS

Percent Solids for Sample: 91.4 **Spiked ID:** O5257-05MS **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.45		0.10		0.29	118		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: RMJ Environomics, Inc. **level:** low **sdg no.:** O5252

contract: RMJE02 **lab code:** CHEM **case no.:** O5252 **sas no.:** O5252

matrix: Solid **sample id:** O5257-05 **client id:** WC-2MSD

Percent Solids for Sample: 91.4 **Spiked ID:** O5257-05MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.38		0.10		0.29	94		CV

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: RMJ Environomics, Inc. **level:** low **sdg no.:** O5252

contract: RMJE02 **lab code:** CHEM **case no.:** O5252 **sas no.:** O5252

matrix: Solid **sample id:** O5270-01 **client id:** OR-3-110623MS

Percent Solids for Sample: 92.7 **Spiked ID:** O5270-01MS **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5680		5340		89.5	377		P
Antimony	mg/Kg	75 - 125	33.4		4.48		35.8	81		P
Arsenic	mg/Kg	75 - 125	31.6		0.23	J	35.8	88		P
Barium	mg/Kg	75 - 125	33.9		25.5		9.0	94		P
Beryllium	mg/Kg	75 - 125	7.49		0.30		9.0	80		P
Cadmium	mg/Kg	75 - 125	9.52		0.43		9.0	101		P
Calcium	mg/Kg	75 - 125	3050		2760		44.8	638		P
Chromium	mg/Kg	75 - 125	26.3		11.5		17.9	82		P
Cobalt	mg/Kg	75 - 125	18.1		8.70		9.0	105		P
Copper	mg/Kg	75 - 125	46.6		34.5		13.4	90		P
Iron	mg/Kg	75 - 125	12500		11400		130	842		P
Lead	mg/Kg	75 - 125	66.6		20.3		44.8	103		P
Magnesium	mg/Kg	75 - 125	3390		3150		89.5	265		P
Manganese	mg/Kg	75 - 125	154		140		9.0	155		P
Nickel	mg/Kg	75 - 125	36.3		13.5		22.4	102		P
Potassium	mg/Kg	75 - 125	1780		1300		450	107		P
Selenium	mg/Kg	75 - 125	74.0		0.87	U	89.5	83		P
Silver	mg/Kg	75 - 125	2.44		0.43	U	3.4	72	N	P
Sodium	mg/Kg	75 - 125	441		307		130	104		P
Thallium	mg/Kg	75 - 125	78.2		1.73	U	89.5	87		P
Vanadium	mg/Kg	75 - 125	28.7		17.1		13.4	87		P
Zinc	mg/Kg	75 - 125	96.8		85.3		9.0	128		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: RMJ Environomics, Inc. **level:** low **sdg no.:** O5252

contract: RMJE02 **lab code:** CHEM **case no.:** O5252 **sas no.:** O5252

matrix: Solid **sample id:** O5270-01 **client id:** OR-3-110623MSD

Percent Solids for Sample: 92.7 **Spiked ID:** O5270-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5730		5340		89.2	435		P
Antimony	mg/Kg	75 - 125	33.9		4.48		35.7	83		P
Arsenic	mg/Kg	75 - 125	32.0		0.23	J	35.7	89		P
Barium	mg/Kg	75 - 125	34.2		25.5		8.9	98		P
Beryllium	mg/Kg	75 - 125	7.63		0.30		8.9	82		P
Cadmium	mg/Kg	75 - 125	9.71		0.43		8.9	104		P
Calcium	mg/Kg	75 - 125	3090		2760		44.6	741		P
Chromium	mg/Kg	75 - 125	26.5		11.5		17.8	84		P
Cobalt	mg/Kg	75 - 125	18.3		8.70		8.9	108		P
Copper	mg/Kg	75 - 125	46.7		34.5		13.4	91		P
Iron	mg/Kg	75 - 125	12600		11400		130	945		P
Lead	mg/Kg	75 - 125	67.4		20.3		44.6	106		P
Magnesium	mg/Kg	75 - 125	3400		3150		89.2	279		P
Manganese	mg/Kg	75 - 125	155		140		8.9	168		P
Nickel	mg/Kg	75 - 125	36.7		13.5		22.3	104		P
Potassium	mg/Kg	75 - 125	1800		1300		450	111		P
Selenium	mg/Kg	75 - 125	76.1		0.87	U	89.2	85		P
Silver	mg/Kg	75 - 125	2.50		0.43	U	3.3	76		P
Sodium	mg/Kg	75 - 125	448		307		130	108		P
Thallium	mg/Kg	75 - 125	90.8		1.73	U	89.2	102		P
Vanadium	mg/Kg	75 - 125	29.0		17.1		13.4	89		P
Zinc	mg/Kg	75 - 125	97.1		85.3		8.9	132		P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Matrix: Solid **Level:** LOW **Client ID:** OR-3-110623A

Sample ID: O5270-01 **Spiked ID:** O5270-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	mg/Kg	75 - 125	2.11		0.43	U	3.20	66		P

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DUPLICATE SAMPLE SUMMARY

Client: RMJ Environomics, Inc. **Level:** LOW **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Matrix: Solid **Sample ID:** O5257-05 **Client ID:** WC-2DUP

Percent Solids for Sample: 91.4 **Duplicate ID** O5257-05DUP **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.10		0.084		21	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: RMJ Environomics, Inc. **Level:** LOW **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Matrix: Solid **Sample ID:** O5257-05MS **Client ID:** WC-2MSD

Percent Solids for Sample: 91.4 **Duplicate ID** O5257-05MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.45		0.38		17		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: RMJ Environomics, Inc. **Level:** LOW **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Matrix: Solid **Sample ID:** O5270-01 **Client ID:** OR-3-110623DUP

Percent Solids for Sample: 92.7 **Duplicate ID** O5270-01DUP **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5340		5450		2		P
Antimony	mg/Kg	20	4.48		4.52		1		P
Arsenic	mg/Kg	20	0.23	J	0.26	J	11		P
Barium	mg/Kg	20	25.5		26.0		2		P
Beryllium	mg/Kg	20	0.30		0.32		4		P
Cadmium	mg/Kg	20	0.43		0.44		4		P
Calcium	mg/Kg	20	2760		2850		3		P
Chromium	mg/Kg	20	11.5		11.6		1		P
Cobalt	mg/Kg	20	8.70		8.86		2		P
Copper	mg/Kg	20	34.5		35.0		1		P
Iron	mg/Kg	20	11400		11700		3		P
Lead	mg/Kg	20	20.3		20.7		2		P
Magnesium	mg/Kg	20	3150		3210		2		P
Manganese	mg/Kg	20	140		143		2		P
Nickel	mg/Kg	20	13.5		13.8		2		P
Potassium	mg/Kg	20	1300		1340		3		P
Selenium	mg/Kg	20	0.87	U	0.87	U			P
Silver	mg/Kg	20	0.43	U	0.44	U			P
Sodium	mg/Kg	20	307		315		3		P
Thallium	mg/Kg	20	1.73	U	1.74	U			P
Vanadium	mg/Kg	20	17.1		17.5		2		P
Zinc	mg/Kg	20	85.3		87.0		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: RMJ Environomics, Inc. **Level:** LOW **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Matrix: Solid **Sample ID:** O5270-01MS **Client ID:** OR-3-110623MSD

Percent Solids for Sample: 92.7 **Duplicate ID** O5270-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5680		5730		1		P
Antimony	mg/Kg	20	33.4		33.9		1		P
Arsenic	mg/Kg	20	31.6		32.0		1		P
Barium	mg/Kg	20	33.9		34.2		1		P
Beryllium	mg/Kg	20	7.49		7.63		2		P
Cadmium	mg/Kg	20	9.52		9.71		2		P
Calcium	mg/Kg	20	3050		3090		1		P
Chromium	mg/Kg	20	26.3		26.5		1		P
Cobalt	mg/Kg	20	18.1		18.3		1		P
Copper	mg/Kg	20	46.6		46.7		0		P
Iron	mg/Kg	20	12500		12600		1		P
Lead	mg/Kg	20	66.6		67.4		1		P
Magnesium	mg/Kg	20	3390		3400		0		P
Manganese	mg/Kg	20	154		155		1		P
Nickel	mg/Kg	20	36.3		36.7		1		P
Potassium	mg/Kg	20	1780		1800		1		P
Selenium	mg/Kg	20	74.0		76.1		3		P
Silver	mg/Kg	20	2.44		2.50		2		P
Sodium	mg/Kg	20	441		448		2		P
Thallium	mg/Kg	20	78.2		90.8		15		P
Vanadium	mg/Kg	20	28.7		29.0		1		P
Zinc	mg/Kg	20	96.8		97.1		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB156965BS							
Aluminum	mg/Kg	97.1	93.7		96	80 - 120	P
Antimony	mg/Kg	38.8	37.1		96	80 - 120	P
Arsenic	mg/Kg	38.8	38.4		99	80 - 120	P
Barium	mg/Kg	9.7	8.87		91	80 - 120	P
Beryllium	mg/Kg	9.7	9.45		97	80 - 120	P
Cadmium	mg/Kg	9.7	9.41		97	80 - 120	P
Calcium	mg/Kg	48.5	48.6	J	100	80 - 120	P
Chromium	mg/Kg	19.4	18.8		97	80 - 120	P
Cobalt	mg/Kg	9.7	9.25		95	80 - 120	P
Copper	mg/Kg	14.6	14.4		99	80 - 120	P
Iron	mg/Kg	150	136		91	80 - 120	P
Lead	mg/Kg	48.5	47.1		97	80 - 120	P
Magnesium	mg/Kg	97.1	93.9	J	97	80 - 120	P
Manganese	mg/Kg	9.7	9.66		100	80 - 120	P
Nickel	mg/Kg	24.3	23.2		96	80 - 120	P
Potassium	mg/Kg	490	456		93	80 - 120	P
Selenium	mg/Kg	97.1	93.0		96	80 - 120	P
Silver	mg/Kg	3.6	3.50		97	80 - 120	P
Sodium	mg/Kg	150	136		91	80 - 120	P
Thallium	mg/Kg	97.1	95.1		98	80 - 120	P
Vanadium	mg/Kg	14.6	14.1		97	80 - 120	P
Zinc	mg/Kg	9.7	9.48		98	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB156977BS							
Mercury	mg/Kg	0.27	0.28		102	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-2L

Lab Name: Chemtech Consulting Group **Contract:** RMJE02

Lab Code: CHEM **Lb No.:** lb128217 **Lab Sample ID :** O5257-05L **SDG No.:** O5252

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.10		0.27		154		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

OR-3-110623L

Lab Name: Chemtech Consulting Group **Contract:** RMJE02

Lab Code: CHEM **Lb No.:** lb128258 **Lab Sample ID :** O5270-01L **SDG No.:** O5252

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	5340		6260		17		P
Antimony	4.48		5.10	J	14		P
Arsenic	0.23	J	4.33	U	100.0		P
Barium	25.5		30.1		18		P
Beryllium	0.30		0.38	J	25		P
Cadmium	0.43		0.25	J	40		P
Calcium	2760		3340		21		P
Chromium	11.5		13.7		19		P
Cobalt	8.70		8.61		1		P
Copper	34.5		41.6		20		P
Iron	11400		13200		16		P
Lead	20.3		20.3		0		P
Magnesium	3150		3750		19		P
Manganese	140		168		20		P
Nickel	13.5		13.5		0		P
Potassium	1300		1480		14		P
Selenium	0.87	U	4.33	U			P
Silver	0.43	U	2.17	U			P
Sodium	307		351	J	15		P
Thallium	1.73	U	8.66	U			P
Vanadium	17.1		20.6		21		P
Zinc	85.3		101		18		P

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ANALYSIS RUN LOG

Client: RMJ Environomics, Inc. **Contract:** RMJE02

Lab code: CHEM **Case no.:** O5252 **Sas no.:** O5252 **Sdg no.:** O5252

Instrument id number: **Method:** **Run number:** LB128217

Start date: 11/07/2023 **End date:** 11/07/2023

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1555	HG
S0.2	S0.2	1	1558	HG
S2.5	S2.5	1	1600	HG
S5	S5	1	1602	HG
S7.5	S7.5	1	1607	HG
S10	S10	1	1609	HG
ICV61	ICV61	1	1612	HG
ICB61	ICB61	1	1615	HG
CCV74	CCV74	1	1617	HG
CCB74	CCB74	1	1619	HG
CRA	CRA	1	1621	HG
PB156977BL	PB156977BL	1	1628	HG
PB156977BS	PB156977BS	1	1631	HG
O5252-01	WASTE	1	1635	HG
CCV75	CCV75	1	1644	HG
CCB75	CCB75	1	1646	HG
O5257-05DUP	WC-2DUP	1	1712	HG
O5257-05MS	WC-2MS	1	1714	HG
O5257-05MSD	WC-2MSD	1	1716	HG
CCV76	CCV76	1	1721	HG
CCB76	CCB76	1	1723	HG
O5257-05L	WC-2L	5	1730	HG
CCV77	CCV77	1	1734	HG
CCB77	CCB77	1	1737	HG

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ANALYSIS RUN LOG

Client: RMJ Environomics, Inc. **Contract:** RMJE02

Lab code: CHEM **Case no.:** O5252 **Sas no.:** O5252 **Sdg no.:** O5252

Instrument id number: **Method:** **Run number:** LB128258

Start date: 11/09/2023 **End date:** 11/09/2023

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1053	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	1057	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	1101	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	1105	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	1108	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	1112	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	1116	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	1120	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	1124	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	1128	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	1132	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	1136	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	1140	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV01	LLCCV01	1	1144	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	1148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB156965BL	PB156965BL	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB156965BS	PB156965BS	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
O5252-01	WASTE	1	1200	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	1230	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	1234	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
O5270-01DUP	OR-3-110623DUP	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
O5270-01L	OR-3-110623L	5	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
O5270-01MS	OR-3-110623MS	1	1245	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
O5270-01MSD	OR-3-110623MSD	1	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
O5270-01A	OR-3-110623A	1	1253	Ag
CCV03	CCV03	1	1257	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	1300	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	1400	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	1404	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	1446	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	1450	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	1533	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	1537	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	1619	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	1623	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1707	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	1711	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	1756	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	1800	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	1832	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	1836	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	1905	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	1909	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

CHEMTECH

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Case No.:** O5252 **SAS No.:** O5252

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

CHEMTECH

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LAB CHRONICLE

OrderID:	O5252	**OrderDate:**	11/3/2023 2:14:16 PM
Client:	RMJ Environomics, Inc.	**Project:**	245 Greenwood Ave
Contact:	Jonathan Pereira	**Location:**	I31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O5252-01	**WASTE**	**SOIL**			**11/03/23**			**11/03/23**
			Mercury	7471B		11/07/23	11/07/23	
			Metals ICP-TAL	6010D		11/07/23	11/09/23	

CHEMTECH

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Method:**

Case No.: O5252 **SAS No.:** O5252

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB156965**						
O5252-01	WASTE	SAM	SOLID	11/07/2023	2.49	100.0	90.60
O5270-01DUP	OR-3-110623DUP	DUP	SOLID	11/07/2023	2.48	100.0	92.70
O5270-01MS	OR-3-110623MS	MS	SOLID	11/07/2023	2.41	100.0	92.70
O5270-01MSD	OR-3-110623MSD	MSD	SOLID	11/07/2023	2.42	100.0	92.70
PB156965BL	PB156965BL	MB	SOLID	11/07/2023	2.12	100.0	100.00
PB156965BS	PB156965BS	LCS	SOLID	11/07/2023	2.06	100.0	100.00

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Metals
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SAMPLE PREPARATION SUMMARY

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Contract: RMJE02 **Lab Code:** CHEM **Method:**

Case No.: O5252 **SAS No.:** O5252

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB156977**						
O5252-01	WASTE	SAM	SOLID	11/07/2023	0.54	35.0	90.60
O5257-05DUP	WC-2DUP	DUP	SOLID	11/07/2023	0.56	35.0	91.40
O5257-05MS	WC-2MS	MS	SOLID	11/07/2023	0.52	35.0	91.40
O5257-05MSD	WC-2MSD	MSD	SOLID	11/07/2023	0.53	35.0	91.40
PB156977BL	PB156977BL	MB	SOLID	11/07/2023	0.55	35.0	100.00
PB156977BS	PB156977BS	LCS	SOLID	11/07/2023	0.52	35.0	100.00

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB128217

Review By	jaswal	Review On	11/8/2023 8:34:26 PM
Supervise By	bin	Supervise On	11/8/2023 8:34:36 PM

STD. NAME	STD REF.#
ICAL Standard	MP78124,MP78125,MP78126,MP78127,MP78128,MP78129
ICV Standard	MP78130
CCV Standard	MP78132
ICSA Standard	
CRI Standard	MP78134
LCS Standard	
Chk Standard	MP78131,MP78133,MP781375,MP78137

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/07/23 15:55		mohan	OK
2	S0.2	S0.2	CAL2	11/07/23 15:58		mohan	OK
3	S2.5	S2.5	CAL3	11/07/23 16:00		mohan	OK
4	S5	S5	CAL4	11/07/23 16:02		mohan	OK
5	S7.5	S7.5	CAL5	11/07/23 16:07		mohan	OK
6	S10	S10	CAL6	11/07/23 16:09		mohan	OK
7	ICV61	ICV61	ICV	11/07/23 16:12		mohan	OK
8	ICB61	ICB61	ICB	11/07/23 16:15		mohan	OK
9	CCV74	CCV74	CCV	11/07/23 16:17		mohan	OK
10	CCB74	CCB74	CCB	11/07/23 16:19		mohan	OK
11	CRA	CRA	CRDL	11/07/23 16:21		mohan	OK
12	HighStd	HighStd	HIGH STD	11/07/23 16:24		mohan	OK
13	ChkStd	ChkStd	SAM	11/07/23 16:26		mohan	OK
14	PB156977BL	PB156977BL	MB	11/07/23 16:28		mohan	OK
15	PB156977BS	PB156977BS	LCS	11/07/23 16:31		mohan	OK
16	O5237-01	111TH-ST-1	SAM	11/07/23 16:33		mohan	OK
17	O5252-01	WASTE	SAM	11/07/23 16:35		mohan	OK
18	O5253-01	L-1(65FT)(5-10)	SAM	11/07/23 16:37		mohan	OK
19	O5253-02	L-6(0-5)	SAM	11/07/23 16:40		mohan	OK
20	O5253-03	L-3(120FT)(0-5)	SAM	11/07/23 16:42		mohan	OK

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB128217

Review By	jaswal	Review On	11/8/2023 8:34:26 PM
Supervise By	bin	Supervise On	11/8/2023 8:34:36 PM

STD. NAME	STD REF.#
ICAL Standard	MP78124,MP78125,MP78126,MP78127,MP78128,MP78129
ICV Standard	MP78130
CCV Standard	MP78132
ICSA Standard	
CRI Standard	MP78134
LCS Standard	
Chk Standard	MP78131,MP78133,MP781375,MP78137

21	CCV75	CCV75	CCV	11/07/23 16:44		mohan	OK
22	CCB75	CCB75	CCB	11/07/23 16:46		mohan	OK
23	O5253-04	L-3(195FT)(0-5)	SAM	11/07/23 16:49		mohan	OK
24	O5256-01	WC-1	SAM	11/07/23 16:51		mohan	OK
25	O5256-05	WC-11	SAM	11/07/23 16:53		mohan	OK
26	O5256-09	WC-10	SAM	11/07/23 16:56		mohan	OK
27	O5257-01	WC-6	SAM	11/07/23 16:58		mohan	OK
28	O5257-05	WC-2	SAM	11/07/23 17:06		mohan	OK
29	O5257-05DUP	WC-2DUP	DUP	11/07/23 17:12		mohan	OK
30	O5257-05MS	WC-2MS	MS	11/07/23 17:14		mohan	OK
31	O5257-05MSD	WC-2MSD	MSD	11/07/23 17:16		mohan	OK
32	O5257-09	WC-3	SAM	11/07/23 17:18		mohan	OK
33	CCV76	CCV76	CCV	11/07/23 17:21		mohan	OK
34	CCB76	CCB76	CCB	11/07/23 17:23		mohan	OK
35	O5266-01	1203	SAM	11/07/23 17:25		mohan	OK
36	O5270-01	OR-3-110623	SAM	11/07/23 17:28		mohan	OK
37	O5257-05L	WC-2L	SD	11/07/23 17:30		mohan	OK
38	O5257-05A	WC-2A	PS	11/07/23 17:32		mohan	OK
39	CCV77	CCV77	CCV	11/07/23 17:34		mohan	OK
40	CCB77	CCB77	CCB	11/07/23 17:37		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB128258

Review By	Jaswal	Review On	11/21/2023 4:35:42 AM
Supervise By	Bin	Supervise On	11/21/2023 4:36:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP77927,MP77937,MP77935,MP77934,MP77933,MP77932
ICV Standard	MP77929,MP77937
CCV Standard	MP77936
ICSA Standard	MP77930,MP77931
CRI Standard	
LCS Standard	
Chk Standard	MP77925,MP77941,MP77938,MP77939

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/09/23 10:53		Bin	OK
2	S1	S1	CAL2	11/09/23 10:57		Bin	OK
3	S2	S2	CAL3	11/09/23 11:01		Bin	OK
4	S3	S3	CAL4	11/09/23 11:05		Bin	OK
5	S4	S4	CAL5	11/09/23 11:08		Bin	OK
6	S5	S5	CAL6	11/09/23 11:12		Bin	OK
7	ICV01	ICV01	ICV	11/09/23 11:16	ICV fail for As,Ba,Mo,Se,Si (200.7)	Bin	OK
8	LLICV01	LLICV01	LLICV	11/09/23 11:20		Bin	OK
9	ICB01	ICB01	ICB	11/09/23 11:24		Bin	OK
10	CRI01	CRI01	CRDL	11/09/23 11:28		Bin	OK
11	ICSA01	ICSA01	ICSA	11/09/23 11:32		Bin	OK
12	ICSAB01	ICSAB01	ICSAB	11/09/23 11:36	ICSAB fail for Mo	Bin	OK
13	CCV01	CCV01	CCV	11/09/23 11:40		Bin	OK
14	LLCCV01	LLCCV01	LLCCV	11/09/23 11:44		Bin	OK
15	CCB01	CCB01	CCB	11/09/23 11:48		Bin	OK
16	PB156965BL	PB156965BL	MB	11/09/23 11:52		Bin	OK
17	PB156965BS	PB156965BS	LCS	11/09/23 11:56		Bin	OK
18	O5252-01	WASTE	SAM	11/09/23 12:00		Bin	OK
19	O5253-01	L-1(65FT)(5-10)	SAM	11/09/23 12:03		Bin	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB128258

Review By	Jaswal	Review On	11/21/2023 4:35:42 AM
Supervise By	Bin	Supervise On	11/21/2023 4:36:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP77927,MP77937,MP77935,MP77934,MP77933,MP77932
ICV Standard	MP77929,MP77937
CCV Standard	MP77936
ICSA Standard	MP77930,MP77931
CRI Standard	
LCS Standard	
Chk Standard	MP77925,MP77941,MP77938,MP77939

20	O5253-02	L-6(0-5)	SAM	11/09/23 12:07		Bin	OK
21	O5253-03	L-3(120FT)(0-5)	SAM	11/09/23 12:11		Bin	OK
22	O5253-04	L-3(195FT)(0-5)	SAM	11/09/23 12:15		Bin	OK
23	O5266-01	1203	SAM	11/09/23 12:18		Bin	OK
24	O5267-01	ETGI-320	SAM	11/09/23 12:22		Bin	OK
25	O5270-01	OR-3-110623	SAM	11/09/23 12:26		Bin	OK
26	CCV02	CCV02	CCV	11/09/23 12:30		Bin	OK
27	CCB02	CCB02	CCB	11/09/23 12:34		Bin	OK
28	O5270-01DUP	OR-3-110623DUP	DUP	11/09/23 12:38		Bin	OK
29	O5270-01L	OR-3-110623L	SD	11/09/23 12:42		Bin	OK
30	O5270-01MS	OR-3-110623MS	MS	11/09/23 12:45		Bin	OK
31	O5270-01MSD	OR-3-110623MSD	MSD	11/09/23 12:49		Bin	OK
32	O5270-01A	OR-3-110623A	PS	11/09/23 12:53		Bin	OK
33	CCV03	CCV03	CCV	11/09/23 12:57		Bin	OK
34	CCB03	CCB03	CCB	11/09/23 13:00		Bin	OK
35	PB156995BL	PB156995BL	MB	11/09/23 13:49		Bin	OK
36	PB156995BS	PB156995BS	LCS	11/09/23 13:53		Bin	OK
37	O5272-02	002	SAM	11/09/23 13:56		Bin	OK
38	CCV04	CCV04	CCV	11/09/23 14:00		Bin	OK
39	CCB04	CCB04	CCB	11/09/23 14:04		Bin	OK
40	O5279-01	TP-1	SAM	11/09/23 14:08		Bin	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB128258

Review By	Jaswal	Review On	11/21/2023 4:35:42 AM
Supervise By	Bin	Supervise On	11/21/2023 4:36:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP77927,MP77937,MP77935,MP77934,MP77933,MP77932
ICV Standard	MP77929,MP77937
CCV Standard	MP77936
ICSA Standard	MP77930,MP77931
CRI Standard	
LCS Standard	
Chk Standard	MP77925,MP77941,MP77938,MP77939

41	O5279-05	MH-1	SAM	11/09/23 14:12		Bin	OK
42	O5286-02	002	SAM	11/09/23 14:16		Bin	OK
43	O5286-02DUP	002DUP	DUP	11/09/23 14:20		Bin	OK
44	O5286-02MS	002MS	MS	11/09/23 14:23		Bin	OK
45	O5286-02MSD	002MSD	MSD	11/09/23 14:27		Bin	OK
46	O5286-02A	002A	PS	11/09/23 14:31		Bin	OK
47	O5286-02L	002L	SD	11/09/23 14:35		Bin	OK
48	O5291-01	QUEEN-PLAZA	SAM	11/09/23 14:39		Bin	OK
49	O5292-01	CORONA	SAM	11/09/23 14:43		Bin	OK
50	CCV05	CCV05	CCV	11/09/23 14:46		Bin	OK
51	CCB05	CCB05	CCB	11/09/23 14:50		Bin	OK
52	O5293-01	SB-1	SAM	11/09/23 14:54		Bin	OK
53	O5293-02	SB-2	SAM	11/09/23 14:58		Bin	OK
54	O5293-03	SB-3	SAM	11/09/23 15:02		Bin	OK
55	O5293-04	SB-4	SAM	11/09/23 15:06		Bin	OK
56	O5293-05	SB-5	SAM	11/09/23 15:10		Bin	OK
57	O5293-06	SB-6	SAM	11/09/23 15:13		Bin	OK
58	O5293-07	SB-7	SAM	11/09/23 15:17		Bin	OK
59	O5293-08	SB-8	SAM	11/09/23 15:21		Bin	OK
60	O5295-01	TP-2	SAM	11/09/23 15:25		Bin	OK
61	O5209-01	MONTHLY-OUTFALL-	SAM	11/09/23 15:29		Bin	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB128258

Review By	Jaswal	Review On	11/21/2023 4:35:42 AM
Supervise By	Bin	Supervise On	11/21/2023 4:36:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP77927,MP77937,MP77935,MP77934,MP77933,MP77932
ICV Standard	MP77929,MP77937
CCV Standard	MP77936
ICSA Standard	MP77930,MP77931
CRI Standard	
LCS Standard	
Chk Standard	MP77925,MP77941,MP77938,MP77939

62	CCV06	CCV06	CCV	11/09/23 15:33		Bin	OK
63	CCB06	CCB06	CCB	11/09/23 15:37		Bin	OK
64	PB156964BL	PB156964BL	MB	11/09/23 15:41	ICV fail for As,Se,Mo,Si	Bin	Not Ok
65	PB156964BS	PB156964BS	LCS	11/09/23 15:45	ICV fail for As,Se,Mo,SI	Bin	Not Ok
66	O5249-01	001-WILLETS-PT-BL	SAM	11/09/23 15:48	ICV fail for As,Se	Bin	OK
67	O5249-01DUP	001-WILLETS-PT-BL	DUP	11/09/23 15:52	ICV fail for As,Se,Mo	Bin	Not Ok
68	O5249-01MS	001-WILLETS-PT-BL	MS	11/09/23 15:56	ICV fail for As,Se,Mo	Bin	Not Ok
69	O5249-01MSD	001-WILLETS-PT-BL	MSD	11/09/23 16:00	ICV fail for As,Se,Mo	Bin	Not Ok
70	O5249-01A	001-WILLETS-PT-BL	PS	11/09/23 16:04	ICV fail for As,Se,Mo	Bin	Not Ok
71	O5249-01L	001-WILLETS-PT-BL	SD	11/09/23 16:08	ICV fail for As,Se,Mo	Bin	Not Ok
72	O5249-02	002-35TH-AVE(NOV)	SAM	11/09/23 16:12		Bin	OK
73	O5282-01	YORK-20231106	SAM	11/09/23 16:15		Bin	OK
74	CCV07	CCV07	CCV	11/09/23 16:19		Bin	OK
75	CCB07	CCB07	CCB	11/09/23 16:23		Bin	OK
76	O5301-01	POOL-WATER	SAM	11/09/23 16:27	ICV fail for Si	Bin	Not Ok
77	PB157041BL	PB157041BL	MB	11/09/23 16:31		Bin	OK
78	PB157041BS	PB157041BS	LCS	11/09/23 16:35		Bin	OK
79	O5279-04	TP-1	SAM	11/09/23 16:39		Bin	OK
80	O5279-04DUP	TP-1DUP	DUP	11/09/23 16:43		Bin	OK
81	O5279-04MS	TP-1MS	MS	11/09/23 16:47		Bin	OK
82	O5279-04MSD	TP-1MSD	MSD	11/09/23 16:51		Bin	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB128258

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Supervise By	Bin	Supervise On	11/21/2023 4:36:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP77927,MP77937,MP77935,MP77934,MP77933,MP77932
ICV Standard	MP77929,MP77937
CCV Standard	MP77936
ICSA Standard	MP77930,MP77931
CRI Standard	
LCS Standard	
Chk Standard	MP77925,MP77941,MP77938,MP77939

83	O5279-04A	TP-1A	PS	11/09/23 16:55		Bin	OK
84	O5279-04L	TP-1L	SD	11/09/23 16:59		Bin	OK
85	O5279-08	MH-1	SAM	11/09/23 17:03		Bin	OK
86	CCV08	CCV08	CCV	11/09/23 17:07		Bin	OK
87	CCB08	CCB08	CCB	11/09/23 17:11		Bin	OK
88	O5284-02	SB-1	SAM	11/09/23 17:15		Bin	OK
89	O5284-04	SB-2	SAM	11/09/23 17:19		Bin	OK
90	O5285-02	002	SAM	11/09/23 17:23		Bin	OK
91	O5286-03	003	SAM	11/09/23 17:27		Bin	OK
92	O5291-02	QUEEN-PLAZA	SAM	11/09/23 17:31		Bin	OK
93	O5292-02	CORONA	SAM	11/09/23 17:35		Bin	OK
94	O5295-04	TP-2	SAM	11/09/23 17:39		Bin	OK
95	O5311-03	TP-1	SAM	11/09/23 17:43		Bin	OK
96	O5311-06	TP-2	SAM	11/09/23 17:48		Bin	OK
97	O5311-09	TP-3	SAM	11/09/23 17:52		Bin	OK
98	CCV09	CCV09	CCV	11/09/23 17:56		Bin	OK
99	CCB09	CCB09	CCB	11/09/23 18:00		Bin	OK
100	O5311-12	TP-4	SAM	11/09/23 18:04		Bin	OK
101	O5311-15	TP-5	SAM	11/09/23 18:08		Bin	OK
102	O5311-18	TP-6	SAM	11/09/23 18:12		Bin	OK
103	O5317-05	D3308	SAM	11/09/23 18:16		Bin	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB128258

Review By	Jaswal	Review On	11/21/2023 4:35:42 AM
Supervise By	Bin	Supervise On	11/21/2023 4:36:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP77927,MP77937,MP77935,MP77934,MP77933,MP77932
ICV Standard	MP77929,MP77937
CCV Standard	MP77936
ICSA Standard	MP77930,MP77931
CRI Standard	
LCS Standard	
Chk Standard	MP77925,MP77941,MP77938,MP77939

104	O5317-06	D3317	SAM	11/09/23 18:20		Bin	OK
105	O5318-01	KEARNY-DRUM	SAM	11/09/23 18:24		Bin	OK
106	PB156994TB	PB156994TB	MB	11/09/23 18:28		Bin	OK
107	CCV10	CCV10	CCV	11/09/23 18:32		Bin	OK
108	CCB10	CCB10	CCB	11/09/23 18:36		Bin	OK
109	O5211-07	14B-(1-4)-COMP	SAM	11/09/23 18:40	ICV fail for Mo	Bin	Not Ok
110	O5283-07	14B-(1-4)-COMP	SAM	11/09/23 18:44	ICV fail for Mo	Bin	Not Ok
111	O5231-07	14B-(1-4)-COMP	SAM	11/09/23 18:48	ICV fail for Mo	Bin	Not Ok
112	O5298-07	14B-(1-4)-COMP	SAM	11/09/23 18:52	ICV fail for Mo	Bin	Not Ok
113	LRCHECK 1	LRCHECK 1	HIGH STD	11/09/23 18:56		Bin	OK
114	LRCHECK 2	LRCHECK 2	HIGH STD	11/09/23 19:01		Bin	OK
115	CCV11	CCV11	CCV	11/09/23 19:05		Bin	OK
116	CCB11	CCB11	CCB	11/09/23 19:09		Bin	OK

CHEMTECH

Soil/Sludge Metals Preparation Sheet

PB156965

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete 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#3 2. N/A

Temp : 1. 96°C 2. N/A

Start Digest Date: 11/07/2023 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 11/07/2023 **Time :** 15:30 **Temp :** 96 °C

Digestion tube ID: M5594

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: AI

Supervisor Signature: MA

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M5643
LFS-2	1.00	M5648
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
1:1 HNO3	10.00	MP76793
Conc. HNO3	5.00	M5705
30% H2O2	3.00	M5631
Conc. HCL	10.00	M5707
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

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/7/23 15:40	Al/Org. Lab	MA (Met Lab)
	Preparation Group	Analysis Group

CHEMTECH

Soil/Sludge Metals Preparation Sheet

PB156965

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
O5252-01	WASTE	N/A	2.49	100	Brown	Brown	Medium	No	N/A	3-1
O5253-01	L-1(65FT)(5-10)	N/A	2.35	100	Brown	Brown	Medium	No	N/A	2
O5253-02	L-6(0-5)	N/A	2.40	100	Brown	Brown	Medium	No	N/A	3
O5253-03	L-3(120FT)(0-5)	N/A	2.49	100	Brown	Brown	Medium	No	N/A	4
O5253-04	L-3(195FT)(0-5)	N/A	2.13	100	Brown	Brown	Medium	No	N/A	5
O5256-01	WC-1	N/A	2.05	100	Brown	Brown	Medium	No	N/A	6
O5256-05	WC-11	N/A	2.30	100	Brown	Brown	Medium	No	N/A	7
O5256-09	WC-10	N/A	2.05	100	Brown	Brown	Medium	No	N/A	8
O5257-01	WC-6	N/A	2.30	100	Brown	Brown	Medium	No	N/A	9
O5257-05	WC-2	N/A	2.31	100	Brown	Brown	Medium	No	N/A	10
O5257-09	WC-3	N/A	2.25	100	Brown	Brown	Medium	No	N/A	11
O5266-01	1203	N/A	2.23	100	Brown	Brown	Medium	No	N/A	12
O5267-01	ETGI-320	N/A	2.25	100	Brown	Brown	Medium	No	N/A	13
O5270-01	OR-3-110623	N/A	2.49	100	Brown	Brown	Medium	No	N/A	14
O5270-01DUP	OR-3-110623DUP	N/A	2.48	100	Brown	Brown	Medium	No	N/A	15
O5270-01MS	OR-3-110623MS	N/A	2.41	100	Brown	Brown	Medium	No	M5643,M5648	16
O5270-01MSD	OR-3-110623MSD	N/A	2.42	100	Brown	Brown	Medium	No	M5643,M5648	17
PB156965BL	PBS965	N/A	2.12	100	Colorless	Colorless	Fine	No	N/A	18
PB156965BS	LCS965	N/A	2.06	100	Colorless	Colorless	Fine	No	M5643,M5648	19

CHEMTECH

Soil/Sludge Mercury Preparation Sheet

PB156977

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

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

Temp : 1. 95°C 2. N/A

Start Digest Date: 11/07/2023 **Time :** 13:05 **Temp :** 95 °C

End Digest Date: 11/07/2023 **Time :** 13:35 **Temp :** 94 °C

Digestion tube ID: M5586

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: [signature]

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP78130
CCV	30mL	MP78132
CRA	30mL	MP78134
Blank Spike	0.48mL	MP78123
Matrix Spike	0.48mL	MP78123

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP78136
KMnO4	4.5mL	MP78042
Hydroxylamine HCL	2.0mL	MP78044
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP78124
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP78125
2.5 ppb	S2.5	30mL	MP78126
5.0 ppb	S5.0	30mL	MP78127
7.5 ppb	S7.5	30mL	MP78128
10.0 ppb	S10.0	30mL	MP78129
ICV	ICV	30mL	MP78130
ICB	ICB	30mL	MP78131
CCV	CCV	30mL	MP78132
CCB	CCB	30mL	MP78133
CRI	CRI	30mL	MP78134
CHK STD	CHK STD	30mL	MP78135

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/7/23 @ 13:50	MB - Dig. Lab	PB - Metal Lab
	Preparation Group	**Analysis Group**

CHEMTECH

Soil/Sludge Mercury Preparation Sheet

PB156977

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
05237-01	11TH-ST-1	0.56	35	NA	N/A	3-1
05252-01	WASTE	0.54	35	NA	N/A	2
05253-01	L-1(65FT)(5-10)	0.52	35	NA	N/A	3
05253-02	L-6(0-5)	0.50	35	NA	N/A	4
05253-03	L-3(120FT)(0-5)	0.50	35	NA	N/A	5
05253-04	L-3(195FT)(0-5)	0.53	35	NA	N/A	6
05256-01	WC-1	0.55	35	NA	N/A	7
05256-05	WC-11	0.55	35	NA	N/A	8
05256-09	WC-10	0.60	35	NA	N/A	9
05257-01	WC-6	0.59	35	NA	N/A	10
05257-05	WC-2	0.53	35	NA	N/A	11
05257-05DUP	WC-2DUP	0.56	35	NA	N/A	12
05257-05MS	WC-2MS	0.52	35	NA	MP78123	13
05257-05MSD	WC-2MSD	0.53	35	NA	MP78123	14
05257-09	WC-3	0.52	35	NA	N/A	15
05266-01	1203	0.51	35	NA	N/A	16
05270-01	OR-3-110623	0.56	35	NA	N/A	17
PB156977BL	PBS977	0.55	35	NA	N/A	18
PB156977BS	LCS977	0.52	35	NA	MP78123	19

A B C D E F G H I J