

Report of Analysis

Client:	R3M Engineering, Inc.	Date Collected:	12/04/24
Project:	MC054.36 23-8-1 LM - Landing Lane New Brunswick	Date Received:	12/04/24
Client Sample ID:	LL-001	SDG No.:	P5093
Lab Sample ID:	P5093-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4760		1	28.3	50.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-39-3	Barium	198		1	6.28	50.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-41-7	Beryllium	0.22	J	1	0.13	3.00	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-43-9	Cadmium	0.26	J	1	0.094	3.00	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-70-2	Calcium	24100		1	33.0	1000	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-47-3	Chromium	5.63		1	0.66	5.00	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-48-4	Cobalt	1.84	J	1	0.50	15.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-50-8	Copper	8.11	J	1	7.07	10.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7439-89-6	Iron	3300		1	18.5	50.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7439-92-1	Lead	9.28		1	3.51	6.00	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7439-95-4	Magnesium	8590		1	39.4	1000	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7439-96-5	Manganese	204		1	1.46	10.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7439-97-6	Mercury	0.081	UN	1	0.081	0.20	ug/L	12/06/24 09:25	12/06/24 12:47	SW7470A	
7440-02-0	Nickel	5.63	J	1	0.85	20.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-09-7	Potassium	4060		1	685	1000	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-23-5	Sodium	19500		1	237	1000	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-62-2	Vanadium	8.40	J	1	3.06	20.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010
7440-66-6	Zinc	22.7		1	1.75	20.0	ug/L	12/09/24 09:10	12/10/24 12:18	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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