

Report of Analysis

Client:	EA Engineering Science & Technology	Date Collected:	11/13/24 12:55
Project:	Scotia, NY - Annual Testing	Date Received:	11/14/24
Client Sample ID:	FSND-MW-EVAL-04D-20241113	SDG No.:	P4846
Lab Sample ID:	P4846-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	224		1	1.00	1.00	2.00	mg/L		11/19/24 11:08	SM 2320 B-11
Chloride	47.8	OR	1	0.011	0.30	0.60	mg/L		11/14/24 16:19	9056A
Nitrate	0.91		1	0.0034	0.25	0.50	mg/L		11/14/24 16:19	9056A
Sulfate	20.9		1	0.032	1.50	3.00	mg/L		11/14/24 16:19	9056A
TOC	1.20		1	0.19	0.50	1.00	mg/L		11/18/24 15:10	9060A

Comments: The alkalinity to pH 4.46=224 mg CaCO₃/L

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

H = Sample Analysis Out Of Hold Time

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