

Volunteer Monitoring Lab Analysis Monitoring Suite and Prices – 2026

Shipping:	<p>Lab will ship bottles and coolers free of charge. The cost of shipping samples to the lab is \$55 per cooler and shipping costs must be included in your analytical budget, if applicable.</p> <p>Depending on the quantity of samples collected per sampling event, more than one cooler may be necessary and shipping costs should be calculated accordingly. There is no shipping cost if samples are hand-delivered.</p>
------------------	---

Parameter	Required Method	Required Reporting Limit (µg/L)	Holding Time (days unless noted)	Bottle	Preservative	Price (\$)
WATER - Nutrients						
Total Persulfate Nitrogen (TN)	A4500-N C	40	28	250 ml HDPE	≤6°C on ice	24.10
Total Phosphorus as P	EPA 365.1	3	28	250 ml HDPE	H ₂ SO ₄ ; ≤6°C on ice	18.90
Nitrate-Nitrite as N	EPA 353.2	10				21.40
Total Ammonia as N	EPA 350.1	50				17.10
Dissolved Orthophosphate	EPA 365.1	1	45 if frozen; 2 if on ice	250 ml HDPE	Field filter 0.45 µm; freeze or ≤6°C on ice	18.90
WATER - Common Ions, Miscellaneous						
Total Suspended Solids (TSS)	A2540 D	4000	7	1000 ml or 500 ml HDPE	≤6°C on ice	15.50
Total Dissolved Solids (TDS)	A2540 C	4000	7			18.90
Alkalinity (Bicarb., Carb.)	A2320 B	1000	14	250 ml HDPE	≤6°C on ice	10.30
Chloride	EPA 300.0	50	28			10.30
Dissolved Organic Carbon (DOC)	A5310 B	500	28	125ml amber glass	Field filter 0.45 µm, H ₂ SO ₄ ; ≤6°C on ice	34.30
Calcium	EPA 200.7	1000	180	250 ml HDPE	HNO ₃ ; ≤6°C on ice	10.30
Magnesium	EPA 200.7	1000				10.30
Sodium	EPA 200.7	1000				10.30
Potassium	EPA 200.7	1000				10.30
Total Hardness as CaCO ₃	A2340 B (Calculated)	1000				No charge if Ca and Mg are analyzed.

Parameter	Required Method	Required Reporting Limit (µg/L)	Holding Time (days unless noted)	Bottle	Preservative	Price (\$)
Sodium Adsorption Ratio (SAR)	Calculated					No charge if Ca, Mg and Na are analyzed.
WATER - Pathogens						
<i>E. Coli</i>	A9223 B	1 MPN/100 ml	6 hours	100 ml HDPE	≤10°C; avoid freezing	47.10
WATER - Total Recoverable Metals (must include TR metals digestion if any of these analytes are included)						
Total Recoverable Metals Digestion	EPA 200.2	N/A	180	250 ml HDPE	HNO ₃ ; ≤6°C on ice	14.60
Arsenic	EPA 200.8	1				10.30
Cadmium	EPA 200.8	0.03				10.30
Chromium	EPA 200.8	1				10.30
Copper	EPA 200.8	1				10.30
Iron	EPA 200.7	20				10.30
Lead	EPA 200.8	0.3				10.30
Selenium	EPA 200.8	1				10.30
Silver	EPA 200.8	0.2				10.30
Uranium	EPA 200.8	0.2				10.30
Zinc	EPA 200.7	8				10.30
Beryllium	EPA 200.7	0.8				10.30
Manganese	EPA 200.7	5				10.30
Nickel	EPA 200.7	2				10.30
WATER - Dissolved Metals						
Aluminum	EPA 200.7	9	180	250 ml HDPE	Field filter 0.45 µm; HNO ₃ ; ≤6°C on ice	10.30
ALGAE						
Benthic or FA Chlorophyll-a	A 10200 H		45	Hoop in ziplock, core in centrifuge tube, template in petri dish; covered in foil	Freeze	60.00
Ash Free Dry Weight (AFDW) benthic or FA algae	A 10300 C (5)					55.70

Parameter	Required Method	Required Reporting Limit (µg/L)	Holding Time (days unless noted)	Bottle	Preservative	Price (\$)
PHYTOPLANKTON						
Phytoplankton Chlorophyll-a	A10200H			Filter in Petri dish; covered in foil	Freeze	60.00
Phytoplankton Ash Free Dry Weight (AFDW)	A10300 C(5)					59.70