

**FAU Dept. of Geosciences Water Analysis Laboratory**  
(Effective September, 2015)

*Explanation of rates*

Rate A: Florida Atlantic University

Rate B: Government Agencies and other Universities

Rate C: Commercial

<b>Service/Analysis</b>		<b>Rate A</b> per sample (minimum charge in parentheses)	<b>Rate B</b> per sample (minimum charge in parentheses)	<b>Rate C</b> per sample (minimum charge in parentheses)
pH (best if done at time of collection)		\$5.56	\$7.23	\$9.40
Alkalinity		\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
Hardness		\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
Acidity		\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
Specific conductance		\$5.56	\$7.23	\$9.40
Anions by discrete analysis	Orthophosphate	\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
	Total phosphorous	\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
	Sulfate	\$11.12 (\$55.60)	\$15.90 (\$79.50)	\$20.67 (\$103.35)
	Nitrate + Nitrite	\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
	Nitrite	\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)
	TKN	\$16.68 (\$83.40)	\$21.68 (\$108.41)	\$28.19 (\$140.93)
Elements by ICP-OES	1-15 elements (custom mix)	\$16.68 (\$166.68)	\$21.68 (\$216.80)	\$28.19 (\$281.90)
	16-30 elements (custom mix)	\$27.98 (\$279.80)	\$36.37 (\$363.70)	\$47.28 (\$472.80)
	Major and minor cation pkg. (Ca, Mg, Na, K, Fe, Mn, Si)	\$13.34 (\$133.40)	\$17.35 (\$173.50)	\$22.55 (\$225.50)
	26 element pkg. (Ca, Mg, Na, K, P, Fe, Al, Mn, Cu, Zn, B, Cd, Cr, Ni, Pb, Be, Ti, Si, As, S, Co, Mo, Va, Sr, Rb, Li)	\$22.23 (\$222.30)	\$28.91 (\$289.10)	\$37.58 (\$375.80)
	Additional charge for high TDS samples (conductivity >1000us/cm)	\$5.56	\$5.56	\$5.56
CRDS	Stable isotopes of water ( $\delta^{18}\text{O}$ and $\delta^2\text{H}$ )	\$11.12 (\$55.60)	\$14.45 (\$72.27)	\$18.79 (\$93.95)

<b>Service/Analysis</b>		<b>Rate A</b> per sample (minimum charge in parentheses)	<b>Rate B</b> per sample (minimum charge in parentheses)	<b>Rate C</b> per sample (minimum charge in parentheses)
Soil/Sediment analysis	pH	\$5.56	\$7.23	\$9.40
	Conductivity	\$7.78	\$10.12	\$13.15
	Loss on ignition	\$8.95 (\$44.48)	\$11.56 (\$57.82)	\$15.03 (\$75.16)
	Grain size distribution	Contact Dr. Tiffany Roberts-Briggs, <a href="mailto:briggst@fau.edu">briggst@fau.edu</a> , for info and pricing.		
	Carbonate composition			
Other services	Thawing	\$2.22	\$2.89	\$3.76
	Filtering (0.45um)	\$5.56	\$7.23	\$9.40
	Dilutions for samples over d.l.	\$2.22	\$2.89	\$3.76

Hourly rates for students/researchers wishing to use the instruments to run their own analyses\*:

Training: \$55.60/hr (includes technician time and sample analysis)

ICP-OES: \$16.68/hr

Discrete Analyzer: \$11.12/hr

CRDS: \$11.12/hr

High temperature oven (400°C): \$5.56/24hr; no training fee required to use oven.

*\* Users must 1) be affiliated with FAU, 2) provide proof of completing the EH&S laboratory safety class, and 3) complete user training (at the cost of \$50/hr) from laboratory personnel. Hourly rates apply to instrument time only and do not include use of laboratory accessories (e.g. scales, pipettes, etc.), reagents, reagent prep, or sample/reagent containers. Users are expected to purchase and prepare their own reagents in their own laboratory and supply their own test tubes, vials, etc.*

**The Water Analysis Laboratory is Not Certified under Florida's Environmental Testing Laboratory Program.**