

Water Analyses

Nutrients and Wet Chemistry:

Price per sample ²

| Test Description | 1-5 Samples | > 5 Samples | Sample Size |
|--|-------------|-------------|-------------|
| pH | \$15 | \$12 | 50 mL |
| Alkalinity | \$24 | \$22 | 50 mL |
| Expanded Alkalinity (includes pH) | \$33 | \$30 | 50 mL |
| Conductance | \$23 | \$20 | 50 mL |
| Filterable Residue - T.D.S. | \$26 | \$23 | 1 L |
| Non-Filterable Residue - T.S.S. | \$26 | \$23 | 1 L |
| Total Residue - T.S. | \$26 | \$23 | 1 L |
| Total Suspended Sediment Concentration | \$26 | \$23 | 500 mL |
| Anions by Ion Chromatography – Fluoride, Chloride, Nitrite, Bromide, Nitrate, o-Phosphate, Sulfate | \$54 | \$44 | 100 mL |
| Anions — Any Single Element | \$30 | \$25 | 100 mL |
| Nitrogen-Ammonia | \$25 | \$23 | 30 mL |
| Nitrogen-Nitrate + Nitrite | \$25 | \$23 | 30 mL |
| Nitrogen-Ammonia/Nitrate + Nitrite | \$35 | \$32 | 60 mL |
| Ortho Phosphorus (low level add \$3) | \$25 | \$23 | 100 mL |
| Total Phosphorus (low level add \$5) | \$32 | \$29 | 100 mL |

Metals:

Price per sample ²

| Test Description | 1-5 Samples | > 5 Samples | Sample Size |
|--|-------------|-------------|-------------|
| Dissolved Metal Screen by ICP-OES ¹ : Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, V, Zn Hardness calculation (add \$5) | \$65 | \$60 | 50 mL |
| Dissolved Metal Screen — Any Single Element | \$35 | \$30 | 50 mL |
| Hardness (CaCO ₃) | \$32 | \$26 | 100 mL |
| Total Recoverable Metal Screen by ICP-OES ¹ : Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, V, Zn | \$75 | \$60 | 100 mL |
| Total Metal Screen — Any Single Element | \$42 | \$36 | 100 mL |
| Heavy Metal Screen by ICP-MS, Dissolved ¹ : Ag, As, Ba, Cd, Cr, Pb, Mo, Ni, Se | \$120 | \$110 | 100 mL |
| Heavy Metal Screen by ICP-MS, Dissolved: — Any single element | \$50 | \$44 | 50 mL |
| Heavy Metal Screen by ICP-MS, Total ¹ : Ag, As, Ba, Cd, Cr, Pb, Mo, Ni, Se | \$130 | \$120 | 100 mL |
| Heavy Metal Screen by ICP-MS, Total: — Any single element | \$60 | \$54 | 50 mL |
| Mercury by ICP-MS | \$55 | \$50 | 50 mL |

NOTES:

- Additional elements can be added to the ICP-OES and ICP-MS screens; please contact the lab for pricing.
- Discounts are available for projects submitting large sample numbers (n > 40); please contact the lab to obtain a project-specific quote.

Water Quality & Biomass:

Price per sample ²

| Test Description | 1-5 Samples | > 5 Samples | Sample Size |
|--|-------------|-------------|-------------|
| Chlorophyll Analysis: | | | |
| Trichromatic Equations (chlorophyll a & b) Filters | \$60 | \$54 | — |
| Foam Plugs | \$48 | \$44 | — |
| Pheopigment Corrected (chlorophyll a, b & c; & pheophytin) | \$80 | \$72 | — |
| Filtering for chlorophyll analysis | \$20 | \$17 | — |
| Weight, Wet | \$8 | \$8 | |
| Weight, Dry | \$8 | \$8 | |
| Weight, Ash-free dry weight | \$25 | \$22 | |

- ❖ All samples should be submitted in appropriate containers and with suitable preservation.
- ❖ EPA and APHA Methods prescribe the appropriate preservation for the analysis to be performed. ASL is able to provide information on these requirements upon request.

Preservation available upon request: Call

Water sample filtration (if required): Call

Turn-Around Time: 15 business-days (or less), contingent upon the test requested and laboratory workload. Large projects and some complex analyses may require more time. Clients are encouraged to contact the laboratory regarding specific turn-around-time questions.

Sample Retention: Samples are normally retained for **30 days** after the date of reporting.

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