

Water Analyses

Nutrients and Wet Chemistry:

Code	Test Description	Price		Sample Size
		1-5 Samples	> 5 Samples	
WPH	pH	\$14	\$12	50 mL
WALK	Alkalinity	\$23	\$21	50 mL
WALK1	Expanded Alkalinity (includes pH)	\$31	\$27	50 mL
WCDT	Conductance	\$21	\$19	50 mL
WRSD	Filterable Residue - T.D.S.	\$24	\$21	1 L
WRSD2	Non-Filterable Residue - T.S.S.	\$24	\$21	1 L
WRSD3	Total Residue - T.S.	\$24	\$21	1 L
WTSSC	Total Suspended Sediment Concentration	\$24	\$21	500 mL
WION	Anions by IC - Fluoride, Chloride, Nitrite, Bromide, Nitrate, o-Phosphate, Sulfate	\$50	\$45	100 mL
	WION — Any Single Element	\$29	\$24	100 mL
WAM	Nitrogen-Ammonia	\$24	\$21	30 mL
WNNN	Nitrogen-Nitrate + Nitrite	\$24	\$21	30 mL
WNAN	Nitrogen-Ammonia/Nitrate + Nitrite (WAM + WNNN)	\$34	\$31	60 mL
WOP	Ortho Phosphorus (low level +\$3)	\$25	\$22	100 mL
WTP	Total Phosphorus (low level +\$5)	\$29	\$25	100 mL

Metals:

Code	Test Description	Price		Sample Size
		1-5 Samples	> 5 Samples	
WDMS	Dissolved Metal Screen by ICP: Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, V, Zn	\$60	\$55	50 mL
	WDMS — Any Single Element	\$32	\$25	50 mL
WHDS	Hardness (CaCO ₃) (w/ WDMS, Calculated: \$4)	\$32	\$26	100 mL
WTMS	Total Recoverable Metal Screen by ICP (Same elements as WDMS)	\$70	\$65	100 mL
	WTMS — Any Single Element	\$42	\$35	100 mL
WHMS-D	Heavy Metal Screen by ICP-MS, Dissolved: Ag, As, Ba, Cd, Cr, Pb, Mo, Ni, Se	\$120	\$110	100 mL
	WHMS-D — Any single element	\$50	\$44	50 mL
WHMS-T	Heavy Metal Screen by ICP-MS, Total Recoverable (Same elements as WHMS-D)	\$130	\$120	100 mL
	WHMS-T — Any single element	\$60	\$54	50 mL
WHG	Mercury by ICP-MS	\$55	\$50	50 mL

NOTE: Additional elements can be added to the ICP and ICP-MS screens; please contact the lab for pricing.

Water Quality & Biomass:

Code	Test Description	Price		Sample Size
		1-5 Samples	> 5 Samples	
WCLR	Chlorophyll Analysis:			
	Trichromatic Equations (chlorophyll a & b)			
	Filters	\$58	\$52	—
	Foam Plugs	\$45	\$41	—
	Pheopigment Corrected (chlorophyll a, b & c; & pheophytin)	\$80	\$72	—
	Filtering for chlorophyll analysis	\$20	\$17	—
WW	Weight, Wet	\$8	\$8	
DW	Weight, Dry	\$8	\$8	
AFDW	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.

University of Idaho Analytical Sciences Laboratory

Holm Research Center
 Shipping: 2222 West 6th Street
 Mailing: 875 Perimeter Dr. MS 2203
 Moscow, Idaho 83844-2203
 (208) 885-7081 FAX: (208) 885-8937
 Email: asl@uidaho.edu

www.uidaho.edu/cals/analytical-sciences-laboratory