

WATER AND SOLUTION ANALYSES

Test	Test Description	Price per Sample	Sample Size*	Notes **
W1	Sample Preparation / Filtration	\$2.50		
W2	Sample Dilution	\$1.50		
W3	pH	\$2.00	5mL	d
W4	Electrical Conductivity (EC)	\$2.00	5mL	d
W5a	Elemental Analysis by ICP – single scan (Al, B, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sr, Si, Zn)	\$8.00	8mL	b,d
W5b	Elemental Analysis by ICP – complete analysis (Al, B, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sr, Si, Zn)	\$15.00	8mL	b,d
W5c	Elemental Analysis by ICP “by hand” (small sample / unusual matrix)	\$11.50	5mL	b,d
W7a	ICP/MS Analysis Arsenic	\$13.00	50mL	b,c,d
W7b	Selenium	\$13.00	50mL	b,c,d
W7c	Arsenic + Selenium	\$20.00	50mL	b,c,d
W8a	Nitrate-N Chromotropic Acid	\$5.00	5mL	b,d
W8b	Cadmium Reduction (Lachet)	\$7.00	10mL	b,d
W9a	Ammonium-N	\$7.00	10mL	b,d
W9b	Ammonium-N + Nitrate-N (Lachet)	\$11.50	10mL	b,d
W10	Phosphorus (Orthophosphate - Ascorbic Acid)	\$5.00	5mL	d
W11	Chloride	\$4.00	10mL	d
W12	Carbonate + Bicarbonate	\$5.00	25mL	d
W12b	Total Suspended Solids (TSS)	\$12.00	200mL	a
W12c	“Sands and Fines”	\$20.00	500mL	a
W13	Irrigation Water Analysis - EC, Na, Ca, Mg, SAR, B, SO ₄ -S, Cl, HCO ₃ , “Class”, Residual Sodium Carbonate, Interpretation	\$25.00		d
W14	Livestock Water Analysis - pH, EC, ICP, NO ₃ -N, Cl, Interpretation	\$27.00		d
W14b	Irrigation Water Analysis + Livestock Water Analysis	\$31.00		d
W15	Special Handling***	***		

* Sample size is for prepared sample. This is a minimum sample size for analysis. The lab requests twice this amount. Insufficient sample size will result in lower quality data.

** Notes:

- a. Consult laboratory prior to submission.
- b. Preservation and special handling/storage required; consult laboratory.
- c. As + Se for bulk samples possibly available at a lower cost; consult laboratory.
- d. Keep all samples at 4° C (35° F); consult laboratory.

*** Special Handling charges may be included for atypical samples, special requests, or other problems with samples. Please consult the laboratory.