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Water Analytical Methods	Extraction/Preparation	Method	Reference
pH		Water pH	WREP W-1.10
EC		Soluble Salts Electrical Conductivity (EC)	WREP W-1.20
Water Phosphate		Ascorbic Acid	Standard Methods for the examination of water and wastewater 424F
Water Nitrate		Chromotropic	Standard Methods for the examination of water and wastewater 418D
Water Boron		Azo-H	WREP W-1.50
Water Chloride		Titration	Chloridometer
Ca, Mg, Na, K		Atomic Absorption	WREP W-1.60
Zn, Mn, Fe, Cu	Nitric Acid	Atomic Absorption	Standard Methods for the examination of water and wastewater 303A

***Applicable methods calibrated with the Agricultural Laboratory Proficiency Program Triannually (Spring, Summer, Fall)