

ANALYTE	MATRIX	CONTAINER SIZE	CONTAINER TYPE	PRESERVATION (OCCURS IN LAB UNLESS OTHERWISE NOTED)	MAXIMUM HOLDING TIME
BACTERIAL TESTS					
Coliform & E.coli Colilert	DW	120	P	Cool, 4°C* Na2S2O3	30 Hours
Heterotrophic Plate Count	DW	120	P	Cool, 4°C* Na2S2O3	8 Hours
INORGANIC TESTS					
Alkalinity	DW	250	P	Cool, 4°C	14 days
Chloride – Method 300.0	DW	120	P	None Required	28 days
Color	DW	120	P	Cool, 4°C	48 hours
Cyanide, Total	DW	120	p	Cool, 4°C, NaOH to pH>12	14 days
Fluoride – Method 300.0	DW	120	P	None Required	28 days
Hardness	DW	120	P	HNO ₃ to pH<2	14 days
Hydrogen Ion (pH)	DW	120	P	None Required	Analyze immediately
Nitrate – Method 300.0	DW	120	P	Cool, 4°C*	48 hours
Nitrite – Method 300.0	DW	120	P	Cool, 4°C*	48 hours
Orthophosphate – Method 300.0	DW	120	P	Cool, 4°C	Analyze immediately
Specific Conductance	DW	120	P	Cool, 4°C	28 days
Sulfate – Method 300.0	DW	120	P	Cool, 4°C	28 days
Sulfide	DW	250	P	Cool, 4°C, Zinc Acetate plus Sodium Hydroxide to pH>9	7 days
Tannin and Lignin	DW	120	P	Cool, 4°C	28 days
Turbidity	DW	120	P	Cool, 4°C	48 hours
Inorganic Test Package (TE6)	DW	(1)-250 & (2)-120	P	Cool, 4°C	48 hours
METALS					
Metals (as, fe, mn, pb, na, u, etc..)	DW	120	P	HNO ₃ to pH<2	14 days
First Draw Lead & Copper	DW	1 liter	P	HNO ₃ to pH<2	14 days

ORGANIC TESTS					
Organic Carbon, Total (TOC)	DW	(2) 40	G, Amber, Septum Cap	Cool, 4°C, H ₂ SO ₄ to pH<2	28 days
VOLATILE ORGANICS					
VOC	DW	(3) 40 & Trip Blank	G, Septum Cap	Cool, 4°C, HCl to pH<2 in vial, No Headspace	14 days
VOC -Chlorinated System	DW	(3) 40 & Trip Blank	G, Septum Cap	Cool, 4°C, ascorbic acid in vial & HCl to pH<2 added in field, No Headspace	14 days
Disinfection Byproducts					
Haloacetic Acids (HAAs).	DW	(3) 40	G, Amber, Septum Cap	NH ₄ Cl, Cool, 4°C	14 days
Total Trihalomethanes (TTHM)	DW	(3) 40	G, Septum Cap	Na ₂ S ₂ O ₃ , Cool, 4°C	14 days
SEMIVOLATILE ORGANICS					
PCB's Screen (504.1 & 505)with Chlordane & Toxaphene	DW	(3) 40 & Trip Blank	G, Septum Cap	Na ₂ S ₂ O ₃ , Cool, 4°C	14 days
Herbicides (515.3)	DW	(3) 40	G, Amber, Septum Cap	Na ₂ S ₂ O ₃ , Cool, 4°C	14 days
Carbamate Pesticides (531.1)	DW	(1) 40	G, Septum Cap	Na ₂ S ₂ O ₃ , MCAA, Cool, 4°C	14 days
Semi-Volatile Organics(SOC) (525.2)	DW	(2) liter	G, Amber, Teflon-Lined Cap	Na ₂ SO ₃ , 50% HCL added in field, Cool, 4°C	14 days
Glyphosate(547)	DW	(1) 40	G, Septum Cap	Na ₂ S ₂ O ₃ , Cool, 4°C	14 days
Full SOC Package (504.1,505,515.3,552,547,525.2)	DW	All the Above	All the Above	All the Above	14 days
Radiologicals					
Radon Air	Air	20 ml	LS Vial	None Required	4 days
Radon Water	DW	40	G	No headspace	4 days
Gross Alpha	DW	2 liters	P	HNO ₃ to pH<2	14 days
Radium 226 & 226	DW	2 Liters	P	HNO ₃ to pH<2	14 days