Holding Time Chart for Receiving

Analysis / Aqueous Samples	Preservation	Holding Time
BOD, CBOD, Chlorophyll, MBAS	Cool, 6C	48 hours
Turbidity, Color, Nitrate, Ortho-Phosphate, Nitrite	Cool, 6C	48 hours
TDS, TSS, Sulfide	Cool, 6C	7 days
Alkalinity, Cyanide	Cool, 6C, (NaOH)	14 days
NH3, TKN, TP, NO2NO3, TOC, TN	Cool, 6C, pH < 2, H2SO4	28 days
All qPCR tests	Cool, 6C	48 hours to extract
SO4, Conductivity, Silica	Cool, 6C	28 days
Chloride, Fluoride	None	28 days
Sulfides	Cool, 6C, pH > 9, ZnNaOH	7 days
Mercury (TDA)	pH < 2, HNO3	28 days
Mercury (AF)	Post preserve w HCl	28 days
Metals (except mercury and Cr VI)	pH < 2, HNO3	6 months
Organics (Pesticides, BNA, Herbicides, TRPH)	Cool, 6C	7/40 days
Volatiles (ice)	Cool, 6C	7 days
Volatiles (ice and with acid)	Cool, 6C, pH < 2, HCl	14 days
1-4-DIOX (Na sulfite/bisulfate)	Cool, 10C, NaBisulfate	28 days
W-E8321-21	Cool, 6C	21 days
W-E8321-DI	Cool, 6C	7 days to inject
W-E8321-MS	Cool, 6C	7/40 days
W-MCYST-AA, W-SAXTN-MS	Cool, 6C	7/40 days
FL-PRO (sulfuric acid)	Cool, 6C, pH < 2, H2SO4	7/40 days
Oil & Grease	Cool, 6C, pH < 2, H2SO4	28 days
Volatile Solids	Cool, 6C	7 days
Pesticides (N/P/Cl)	Cool, 6C	7/40 days
Analysis / Soil, Solid, Waste Samples		
VOC soil refrigerated	Cool, 6C	48 hours
VOC soil frozen	Frozen	14 days
FL-PRO (soil)	Cool, 6C	14 days
Semivolatiles S-VOC (soil)	Cool, 6C	14/40 days
Pesticides (soil)	Cool, 6C	14/40 days
Metals (soil, no ice)	Cool, 6C	6 months
PFAS / Aqueous Samples		
W-PFAS-MS (ice)	Cool, 6C	28/30 days
PFAS / Soil, Solid, Waste Samples		
S-PFAS-MS2 (ice)	Cool, 6C	28/30 days
WS-PFAS-MS (ice)	Cool, 6C	28/30 days