

Preservation, Bottle Type and Holding Time Chart
Aqueous

Analysis	Preservation	Glass(G)/Plastic(P)	Size(mL)	Holding Time	Combinations/Notes
Water Samples					
ABN/PAH 8270/625	None	G-Amber	1000	7days	Extra bottles may be sent for QC
Alkalinity	None	P	125	14days	Needs separate container
Ammonia (NH3)	H2SO4 (pH<2)	P	250	28days	COD, Total Phosphorus, TKN
Anions(NO2, NO3,Cl, Br, O PO4*, SO4)	None	P	60	NO2/NO3-O- PO48hr--Cl, Br,SO4,F-28days	All anions can be performed with one 60mL plastic container.
Note:*Anions O-PO4 (if filtration is required)	None	P	60	Filter within 15 mins	Syringe & Filter included upon Request
Anions NO2+NO3	H2SO4 (pH<2)	P	60	28days	3 drop H2SO4 into 60mL Bottle
BOD	None	P	500	48 hours	pH, Conductivity
COD	H2SO4 (pH<2)	P	60	28 days	NH3, T-Phos, TKN (in 250mL)
Bacteria	Sodium Thiosulfate	P-Sterile Container	100	6 hr- ww, 30hr- dw	ww-waste water, dw-drinking water
Conductivity	None	P	125	28days	BOD, pH
Cyanide	NaOH (pH>12)	P	125	14days	
1,4 Dioxane	None	G	2*40	14days	No headspace, HCl preserved vials are acceptable
DMF	None	G	2*40	14days	
EDB/ DBCP (504.1)	Sodium Thiosulfate	G	2*40	14days	3 mg sodium thiosulfate per vial
EPH	HCl (pH<2)	G-Amber	1000	14days	
Flashpoint	None	G	250 or 4oz		Must be separate container
Gases	HCl (pH<2)	G	2*40	14days	Includes methane, ethane, ethene
Hexavalent Chromium	(NH4)2SO4 Buffer	P	125	28 days	
Metals	HNO3 (pH<2)	P	250	6 months Hg: 28 days	
Odor	None	G-Amber	1L WM	24 hours	
Oil & Grease	HCl (pH<2)	G	1000	28 days	Extra bottles may be sent for QC
Pesticides 608/8081/8082	None	G	1000	7days	Must be pH 5-9 at receipt, Extra bottles may be sent for QC
PCB 608/8081/8082	None	G	1000	7days	Extra bottles may be sent for QC
pH	None	P	125	15 minutes	BOD, Conductivity
Propylene/Ethylene Glycol	None	G vial	1*40	14 days	No headspace
Total Phenol	H2SO4 (pH<2)	G-amber	250	28 days	
Sulfide	Zinc Acetate, NaOH (pH>12)	P	125	7 days	
Surfactant	None	G-amber	250	48 hours	
TDS/TSS/TS	None	P	250(500 for TSS)	7days	Must be separate container
TOC	H2SO4 (pH<2)	G-amber	2*40	28days	No Headspace, Subcontracted
TKN	H2SO4 (pH<2)	P	250	28days	COD, T-Phos, NH3
TPH 8100/DRO 8015	None	G	1000	7days	
TPH ME DRO	HCl (pH<2)	G	1000	7days	
Total Phosphorus	H2SO4 (pH<2)	P	125	28days	TKN, COD, NH3 (in 250mL)
Turbidity	None	P	125	48 hours	
VOC 624/8260/524.2/VPH/8021/ 8015GRO/MEGRO	HCl (pH<2)	G vial	2*40	14 days	No headspace

Preservation, Bottle Type and Holding Time Chart
Solids

Analysis	Preservation	Glass(G)/Plastic(P)	Size	Holding Time	Combinations/Notes	
Soil Samples						
ABN/PAH 8270/625	None	G-Amber	4oz	14 days	Can be combined in one 4oz amber jar	
TPH 8100/DRO 8015	None	G-Amber	4oz	14 days		
TPH ME DRO	None	G-Amber	4oz	14 days	*Analyses which can go into clear jars, may also share a 4oz Amber jar with the parameters to the left.	
Pesticides 8081/8082	None	G-Amber	4oz	14 days		
EPH	None	G-Amber	4oz	14 days		
TOC	None	G-Clear	2oz	28 days	Subcontract	
Hexavalent Chromium	None	G-Clear	4oz	30 days	Subcontract	
Ignitability	None	G-Clear	4oz	14 days	Must have it's own container	
PCB 8081/8082	None	G-Clear	4oz	14 days	All of these parameters can share one 4oz clear jar	
Anions(NO2, NO3,Cl, Br, O-PO4, SO4)	None	G-Clear	4oz	NO2,NO3,O-PO4 7days All other anions 28days		
COD	None	G-Clear	4oz	28 days		
Conductivity	None	G-Clear	4oz	28 days		
Cyanide	None	G-Clear	4oz	14 days		
Metals	None	G-Clear	4oz	180 days, Hg 28 days		*If TCLP is required an additional 4oz jar is needed
pH	None	G-Clear	4oz	7 days		
Sulfide	None	G-Clear	4oz	7 days		*Analyses which require amber jars cannot be taken from clear jars
TS	None	G-Clear	4oz	7 days		
TKN	None	G-Clear	4oz	28 days		
Ammonia (NH3)	None	G-Clear	4oz	28 days		
Total Phosphorus	None	G-Clear	4oz	28 days	Multiple VOC methods, and GRO can share one MeOH preserved vial	
VOC VPH	MeOH (10mL)	G-Clear	40mL	28 days		
VOC 8260/8021/8015GRO/MEGRO	MeOH (10mL)	G-Clear	40mL	14 days		