

Analysis- AQUEOUS	Preservation	Glass(G)/ Plastic(P)	Size(mL)	Holding Time	Combinations/Notes
ABN/PAH 8270/625	None	G-Amber	1000	7days	Extra bottles if QC is rquird
Acidity	None	P	125	14 days	Filled to top, Needs separate Container
Alkalinity	None	P	125	14 days	Needs separate container
Ammonia (NH3)	H2SO4 (pH<2)	P	250	28 days	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
Bacteria	Sodium Thiosulfate	P-Sterile Container	100	8 hr- ww, 30hr- dw	ww-waste water, dw-drinking water
BOD	None	P	500	48 hours	pH, Conductivity
Chlorophyll	None	G-Amber	1000	Filter Promptly	Acidity, Color, pH
COD	H2SO4 (pH<2)	P	60	28 days	NH3, T-Phos, TKN (in 250mL)
Color	None	P	250	48 Hours	
Conductivity	None	P	125	28 days	BOD, pH
Cyanide	NaOH (pH>12)	P	125	14 days	
1,4 Dioxane/ EDB/ DBCP by 8260SIM	None	G	2*40	14 days	No headspace, HCl preserved vials are acceptable
DMF	None	G	2*40	14 days	
EDB/ DBCP (504.1)	Sodium Thiosulfate	G	2*40	14 days	3 mg sodium thiosulfate per vial
EPH	HCl (pH<2)	G-Amber	1000	14 days	Extra bottle if QC is rquird
Ferrous Iron	HCl (pH<2)	P	125	48hrs	Must be separate container
Flashpoint	None	G	250 or 4oz	14 days	Must be separate container
Gasses	HCl (pH<2)	G	2*40	14days	Includes methane, ethane, ethene, No Headspace
Hexavalent Chromium	(NH4)2SO4 Buffer	P	125	28 days*	*Unpreserved= 24hr holding time!
Metals	HNO3 (pH<2)	P	250 (1000 for 1st draw)	6 months Hg: 28 days	
Odor	None	G-Wide Mouth clear or amber	1000	24 hours	500mL minimum volume, Filled to top.
Oil & Grease	HCl (pH<2)	G-Wide Mouth Amber	1000	28 days	Extra bottle if QC is rquird
PFAS 537.1	Trizma	P-PFAS	2*250	14 days	QC/ FRB bottles if rquird
PFAS Isotope Dilution	Ammonium Acetate	P-PFAS	2*250	28 days	QC/ FRB bottles if rquird
Pesticides 608/8081/8082	None	G	1000	7days	Must be pH 5-9 at receipt, Extra
PCB 608/8081/8082	None	G	1000	7days	Extra bottle if QC is rquird
pH	None	P	125	15 minutes	BOD, Conductivity
Total Phenol	H2SO4 (pH<2)	G-amber	250	28 days	
Residual Chlorine, Free/Total	None	P	60	15 minutes	
Sulfide	Zinc Acetate, NaOH (pH>12)	P	125	7 days	
Surfactant	None	G-amber	250	48 hours	
TDS/TSS/TS	None	P	250 (1L for TSS)	7days	Needs separate container
TOC	H2SO4 (pH<2)	G-amber	2*40	28days	No Headspace
TKN	H2SO4 (pH<2)	P	250	28days	COD, T-Phos, NH3
TPH 8100/DRO 8015	None	G	1000	7days	Extra bottle if QC is rquird
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	HCl (pH<2)	G vial	2*40	14 days	No headspace
DO	none	Glass BOD Bottle with Glass stopper	300	15 minutes	