	Analyte	Sample Amount*	Container	Chemical Preservative	Hold Times
Organics	Volatiles	40 mL (x3)	Glass Vial	HCl	14 Days
	Volatiles - TTO	40 mL (x6)	Glass Vial	3 HCL, 3 None	72 Hours (None), 14 Days (HCl)
	Semi-Volatiles (PNA/ BNA)	1 Liter	Amber	None	7 Days extract / 40 Days analyze
	Semi-Volatiles TTO	1 Liter (x5)	Amber	None	7 Days extract / 40 Days analyze
	PCBs	1 Liter	Amber	None	1 Year
	Organochloride Pesticides	1 Liter	Amber	None	7 Days extract / 40 Days analyze
	Organochloride Pesticides/PCBs	1 Liter (x2)	Amber	None	7 Days extract / 40 Days analyze
	2,4-D, 2,4,5-TP	1 Liter	Amber	None	7 Days extract / 40 Days analyze
	Organochloride Herbicides	1 Liter	Amber	None	7 Days extract / 40 Days analyze
	TPH = ORO + DRO (8015)	1 Liter	Amber	None	7 Days extract / 40 Days analyze
	Gasoline Range Organics	40 mL (x2)	Glass Vial	HCl	14 Days
	Glycols (ethylene, propylene, triethylene)	40 mL (x2)	Glass Vial	None	7 Days
	Alcohols (n-butanol, ethanol, isobutanol, isopropanol, methanol)	40 mL (x2)	Glass Vial	None	7 Days
	Methane, Ethane, Ethene	40 mL (x2)	Glass Vial	HCl	14 Days
	Hydrocarbon Fingerprint	1 Liter	Amber	None	7 Days extract / 40 Days analyze
	PFAS Compounds via ASTM D7979-17	15 mL (x3)	PPE Centrifuge Tube	None	28 Days
	PFAS Compounds via EPA 537.1 Mod	250 mL (x3)	Polypropylene	Trizma	14 Days extract / 28 Days analyze
	PFAS Compounds via EPA 537.1-Drinking water	250 mL (x4)	Polypropylene	Trizma	14 Days extract / 28 Days analyze
	Analyte	**Sample Amount***	**Container**	**Chemical Preservative**	**Hold Times**
Inorganics	Alkalinity	250 mL	Poly	None	14 Days
	Biochemical Oxygen Demand	500 mL	Poly	None	48 Hours
	Bromide	250 mL	Poly	None	28 Days
	Carbon, Dissolved Organic**	40 mL	Amber	HCl	28 Days
	Carbon, Total Organic	40 mL	Amber	HCl	28 Days
	Carbonaceous Biochemical Oxygen Demand	500 mL	Poly	None	48 Hours
	Chemical Oxygen Demand	250 mL	Poly	H2SO4	28 Days
	Chromium, Hexavalent	250 mL	Poly	None	24 Hours
	Chloride	250 mL	Poly	None	28 Days
	Chlorine, Total Residual	250 mL	Poly	None	Immediately
	Cyanide, Available	40 mL	Amber	NaOH	14 Days
	Cyanide, Amenable	250 mL	Poly	NaOH	14 Days
	Cyanide, Total and/or Free	250 mL	Poly	NaOH	14 Days
	Dissolved Oxygen	250 mL	Poly	None	15 Minutes
	FOG / Insoluble FOG (SGT-HEM)	1 Liter (x2)	Amber	HCl	28 Days
	Ferrous Iron	40 mL	Amber	HCl	24 Hours
	Fluoride	250 mL	Poly	None	28 Days
	Hardness	250 mL	Poly	HNO3	6 Months
	Ignitability	1 Liter	Amber	None	7 Days
	Mercury	250 mL	Poly	HNO3	28 Days
	Mercury, Low Level	40 mL (x3)	Glass Vial	None	90 Days****
	Metals, Dissolved**	250 mL	Poly	None	Immediately / If non-preserved
	Metals, Total	250 mL	Poly	HNO3	6 Months
	Nitrogen, Ammonia	250 mL	Poly	H2SO4	28 Days
	Nitrogen, Nitrate	250 mL	Poly	None	48 Hours
	Nitrogen, Nitrite	250 mL	Poly	None	48 Hours
	Nitrogen, Total Inorganic	500 mL	Poly	H2SO4	28 Days***
	Nitrogen, Total Kjeldahl	500 mL	Poly	H2SO4	28 Days
	Nitrate Plus Nitrite	250 mL	Poly	H2SO4	28 Days
	Orthophosphate	250 mL	Poly	None	48 Hours
	pH	250 mL	Poly	None	15 minutes
	Phenolics, Total	250 mL	Amber	H2SO4	28 Days
	Phosphorus, Ortho** (dissolved)	250 mL	Amber or Poly	None	48 Hours
	Phosphorus, Total	250 mL	Poly	H2SO4	28 Days
	Reactivity	1 Liter	Amber	None	7 Days
	Solids, Total	500 mL	Poly	None	7 Days
	Solids, Total Dissolved	500 mL	Poly	None	7 Days
	Solids, Total Suspended	1 Liter	Poly	None	7 Days
	Solids, Total Volatile	500 mL	Poly	None	7 Days
	Solids, Volatile Suspended	500 mL (x2)	Poly	None	7 Days
	Specific Conductance	250 mL	Poly	None	28 Days
	Sulfate	250 mL	Poly	None	28 Days
	Sulfide, Total	250 mL	Poly	NaOH/Zinc Acetate	7 Days
	Turbidity	250 mL	Poly	None	48 Hours

***Some analyses can be combined, contact lab with questions. TCLP projects have custom requirements, contact lab with questions.**

**Requires filtering.

***If Nitrate and Nitrite needs to be separated out, please use the individual bottles and hold times associated with individual tests.

****Hold time applicable once preserved in the lab with BrCl solution.

	Analyte	Sample Amount*	Container	Chemical Preservative	Hold Times
Organics	Volatiles (5035)	40 mL	Glass Vial	MeOH	14 Days
	Volatiles (5030)	4 oz / 125 g	Glass Jar	None	14 Days
	Semi-Volatiles (PNA/BNA)	4 oz / 125 g	Glass Jar	None	14 Days extract / 40 Days analyze
	PCBs	4 oz / 125 g	Glass Jar	None	1 Year
	Organochloride Pesticides	4 oz / 125 g	Glass Jar	None	14 Days extract / 40 Days analyze
	Organochloride Pesticides/PCBs	4 oz / 125 g	Glass Jar	None	14 Days extract / 40 Days analyze
	2,4-D, 2,4,5-TP	4 oz / 125 g	Glass Jar	None	14 Days extract / 40 Days analyze
	Organochloride Herbicides	4 oz / 125 g	Glass Jar	None	14 Days extract / 40 Days analyze
	TPH = ORO + DRO (8015)	4 oz / 125 g	Glass Jar	None	14 Days extract / 40 Days analyze
	Gasoline Range Organics (5035)	40 mL	Glass Vial	MeOH	14 Days
	Glycols *(ethylene, propylene, triethylene)*	4 oz / 125 g	Glass Jar	None	14 Days
	Alcohols *(n-butanol, ethanol, isobutanol, isopropanol, methanol)*	4 oz / 125 g	Glass Jar	None	14 Days
	PFAS Compounds via ASTM D7968-17a (Biosolid)	8 oz	(1), 250mL PFAS free bottle	None	28 Days
	PFAS Compounds via ASTM D7968-17a	2 oz / 50 g (x2)	PPE Jar & Cap	None	28 Days

	Analyte	Sample Amount*	Container	Chemical Preservative	Hold Times
Inorganics	Mercury	4 oz / 125 g	Glass Jar	None	28 Days
	Metals	4 oz / 125 g	Glass Jar	None	6 Months
	Bromide	4 oz / 125 g	Glass Jar	None	28 Days
	Carbon, Total Organic (performed as FOC)	4 oz / 125 g	Glass Jar	None	28 Days
	Chromium, Hexavalent	4 oz / 125 g	Glass Jar	None	28 Days
	Chloride	4 oz / 125 g	Glass Jar	None	28 Days
	Corrosivity	4 oz / 125 g	Glass Jar	None	15 minutes
	Cyanide, Available	4 oz / 125 g	Glass Jar	None	14 Days
	Cyanide, Amenable	4 oz / 125 g	Glass Jar	None	14 Days
	Cyanide, Total	4 oz / 125 g	Glass Jar	None	14 Days
	Fluoride	4 oz / 125 g	Glass Jar	None	28 Days
	Ignitability	4 oz / 125 g	Glass Jar	None	28 Days
	Nitrogen, Ammonia	4 oz / 125 g	Glass Jar	None	28 Days
	Nitrogen, Nitrate	4 oz / 125 g	Glass Jar	None	28 days extract / 48 Hours analyze
	Nitrogen, Nitrite	4 oz / 125 g	Glass Jar	None	28 days extract / 48 Hours analyze
	Nitrogen, Total Kjeldahl	4 oz / 125 g	Glass Jar	None	28 Days
	Oxidation Reduction Potential	4 oz / 125 g	Glass Jar	None	24 Hours
	pH	4 oz / 125 g	Glass Jar	None	15 minutes
	Phosphorus (water soluble)	4 oz / 125 g	Glass Jar	None	28 Days
	Reactivity	4 oz / 125 g	Glass Jar	None	7 Days
	Sulfate	4 oz / 125 g	Glass Jar	None	28 Days
	Sulfide, Total	4 oz / 125 g	Glass Jar	None	7 Days
	BOD	4 oz / 125 g	Glass Jar	None	5 Days

Analyte	Container	Chemical Preservative	Hold Times
TO-15 Volatiles	Summa Canister	None	30 Days
TO-15 Volatiles	Bottle Vac	None	30 Days
TO-15 Volatiles	Tedlar Bag	None	72 Hours
Methane**	Tedlar Bag	None	72 Hours
Gasoline Range Organics (GRO)	Tedlar Bag	None	72 Hours
Mercury via NIOSH 6009	Sorbent Tube	None	30 Days
PAH via TO-13***	Sorbent Tube	None	14 Days extract / 40 Days Analyze
PCB via EPA 8082A	Sorbent Tube	None	60 Days extract / 365 Days Analyze

Analyte	Container****	Chemical Preservative	Hold Time Field Collection to TCLP Extraction	Hold Time TCLP Extraction to Preparative Extraction	Hold Time Final Extraction to Analysis
TCLP Volatiles	8 oz Glass Jar	None	14 Days	N/A	14 Days
TCLP Semi-Volatiles	8 oz Glass Jar	None	14 Days	7 Days	40 Days
TCLP Hg	8 oz Glass Jar	None	28 Days	N/A	28 Days
TCLP Metals (except Hg)	8 oz Glass Jar	None	180 Days	N/A	180 Days

*Some analyses can be combined, contact lab with questions.
**30 Days hold time if collected in Summa canisters or Bottle Vacs.
***Samples are temperature and light sensitive and must be wrapped in foil and placed on ice.
****Additional containers may be needed if material is lightweight due to the weights required for each TCLP test.

Preservation Key	
HCl	Hydrochloric Acid
H_2SO_4	Sulfuric Acid
HNO_3	Nitric Acid
MeOH	Methanol
NaOH	Sodium Hydroxide