



Sample Amount, Holding Times & Preservative Requirements

Vapor Samples

<u>Analysis</u>	<u>Amount Required</u>	<u>Holding Time</u>	<u>Preservative</u>
BTEX/TVPH Emissions Vapor	1 Tedlar Bag	14 days	None
BTEX Soil Vapor	1 Tedlar Bag	48 hours	None

Soil Samples

<u>Analysis</u>	<u>Amount Required</u>	<u>Holding Time</u>	<u>Preservative</u>
BTEX, TPH-GRO (Gasoline)	**	14 days	≤ 6° C
HEM / Oil and Grease	**	28 days	≤ 6° C
MTBE	**	14 days	≤ 6° C
PAH	**	7 days ‡	≤ 6° C
Paint Filter	**	14 days	≤ 6° C
PCB	1 - 2 oz soil jar	14 days ‡	≤ 6° C
pH	**	7 days	≤ 6° C
RCRA 8 Metals (Total, TCLP, or Individual)	**	6 months	≤ 6° C
RIC (Reactivity, Ignitability, Corrosivity)	1 - 2 oz soil jar	14 days	≤ 6° C
Semi-VOC 8270	1 - 2 oz soil jar	14 days ‡	≤ 6° C
TPH-DRO (Diesel)	**	14 days	≤ 6° C
TOX	1 - 2 oz soil jar	14 days	≤ 6° C
VOC 8260 (Total or TCLP)	**	14 days	≤ 6° C

‡ 7 or 14 days for extraction. 40 days after extraction for analysis.

Technology Laboratory requests only **ONE 2 oz. soil jar and can perform many analyses from it. The tests we require an entire jar for are indicated. Please call ahead if you think you may require more containers, have questions, or concerns.

Water Samples

<u>Analysis</u>	<u>Amount Required</u>	<u>Holding Time</u>	<u>Preservative</u>
Alkalinity / Carb / Bicarb	1 - 250 mL plastic bottle	14 days	≤ 6° C
Ammonia	1 - 250 mL plastic bottle**	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
Sulfate, Fluoride, Chloride, Bromide	1 - 250 mL plastic bottle	28 days	≤ 6° C
BOD	1 - 250 mL plastic bottle	48 hours	≤ 6° C
BTEX, TPH-GRO (Gasoline)	2 - 40 mL VOA vials§	14 days	HCl / ≤ 6° C
Chlorine (Total Residual)	1 - Liter (glass)	Immediate	≤ 6° C
COD	1 - 250 mL plastic bottle	28 days	H ₂ SO ₄ (pH <2)
Cyanide	1 - 250 mL plastic bottle**	14 days	NaOH & Ascorbic Acid (pH 12)
Hexavalent Chromium	1 - 250 mL plastic bottle**	28 days	(NH ₄) ₂ SO ₄ / ≤ 6° C / pH 9.3-9.7
Mercury (Low Level)	Contact Lab for Containers		≤ 6° C
Metals (Dissolved)	1 - 250 mL plastic bottle	6 months	Field Filtered / HNO ₃ (pH <2)
Metals (Potentially Dissolved)	1 - 250 mL plastic bottle	6 months	≤ 6° C
Metals (TCLP)	1 - 250 mL plastic bottle	6 months	≤ 6° C
Metals (Total)	1 - 250 mL plastic bottle	6 months	HNO ₃ (pH <2)
Metals (Total Recoverable)	1 - 250 mL plastic bottle	6 months	HNO ₃ (pH <2)
Nitrate / Nitrite / Phosphate	1 - 250 mL plastic bottle**	48 hours	≤ 6° C
Nitrogen (Total Kjeldahl/TKN)	1 - 250 mL plastic bottle**	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
Nitrogen (Total)	1 - 250 mL plastic bottle	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
Oil and Grease / HEM by EPA-1664	1 - Liter (glass or plastic) for non-QA/QC 3 - Liters (glass) for NPDES	28 days	HCl or H ₂ SO ₄ (pH <2) / ≤ 6° C
PCB	1 - Liter (glass)	1 year	≤ 6° C
PAH	1 - Liter (glass) for non-QA/QC		
pH	1 - 250 mL plastic bottle	Immediate	≤ 6° C
Phenols	1 - Liter (glass)		H ₂ SO ₄ (pH <2) / ≤ 6° C
Phosphorus	1 - 250 mL plastic bottle**	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
RIC (Reactivity, Ignitability, Corrosivity)	1 - 250 mL plastic bottle	14 days	≤ 6° C
Semi-VOC 8270 / 625	1 - Liter (glass)	7 days ‡	≤ 6° C
Sulfate	1 - 250 mL plastic bottle**	28 days	≤ 6° C
Sulfide	1 - 250 mL plastic bottle**	7 days	NaOH & Zn Acetate (pH > 9)
TOC	1 - 250 mL plastic bottle	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
TOX	2 - Liters (glass)	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
TPH-DRO (Diesel)	1 - 40 mL VOA vial§	14 days	HCl / ≤ 6° C
TSS / TDS	1 - 250 mL plastic bottle	7 days	≤ 6° C
VOC 624 / 1624	3 - 40 mL VOA vials	14 days	HCl / ≤ 6° C
SVOC 625	2 - Liters (glass)		≤ 6° C
VOC 8260 (Total or TCLP)	2 - 40 mL VOA vials	14 days	HCl / ≤ 6° C
SVOC 8270 (Total or TCLP)	1 - Liter (glass)	7 days	≤ 6° C

‡ 7 days for extraction. 40 days after extraction for analysis

** For any combination of these analytes fewer bottles may be required; please call ahead if you have questions regarding how many containers you require.

§ Any combination of BTEX, MTBE, & GRO requires only TWO VOA vials; THREE VOAs are required for the addition of DRO to the former tests.

^^By signing this form you are accepting TLI's payment terms of 30 Days from the invoice date. Delinquent accounts may be referred to an attorney. Should it be necessary to assign account balance to an attorney for legal action, all subsequent charges and legal fees shall be paid by the customer.