



List of Services Effective January 2016



Quality Analytical Services Since 1978

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General Information

Technology Laboratory Inc. (TLI) was established in 1978 as an independent, privately held corporation, specializing in organic and inorganic chemical analysis. Our mission is to provide our clients with personalized service & accurate analytical data. Our staff has over 100 years of combined experience in analytical services for the environmental, petroleum, and air quality industries.

Our instrumentation includes:

- GCMS
- GCMS/Purge & Trap
- GCMS/Thermal Desorption
- GCFID/TCD
- Mercury/Ultra Low Level CVAFS
- ICP/OES
- ICP/MS
- Ion Chromatography
- Infrared Spectroscopy
- Karl Fischer Titration

Normal Turnaround Time (TAT) is 5-10 working days; expedited TAT is available. Our expedited premiums are as follows:

- Three Day Service - 1.5 times our normal rates
- Twenty-Four hour service - 2 times our normal rates
- Same Day or Expedited Service - 4 times our normal rates. Sample must be submitted to the laboratory prior to 10am. Please call ahead to make arrangements.

TLI will hold in confidence all information it receives from the customer and the results of all tests and services provided to the customer.

Samples may be dropped off at the laboratory during normal working hours (M-F 8am-5pm) or shipped to the lab. TLI provides a courier service for the Denver metro area & Northern Colorado at no additional charge (order minimum required).

Cost of analysis for Summa canisters includes canister rental and cleaning.

If additional compounds are required for Volatiles or Semi-Volatiles, additional costs may be applied. Please call us for a quote.

Air Quality Testing

VOCs & Fixed Gases
BTEX (Tedlar Bag) (Soil Vapor, 48 hour hold time; must indicate on COC)
BTEX (Tedlar Bag) (Emissions)
BTEX & TVPH (Tedlar Bag) (Emissions)
FIXED GASES (O ₂ , N ₂ , CO ₂ , CH ₄) (Method ASTM D1946)

Fenceline Monitoring EPA Method 325 A&B
Benzene

Indoor Air Quality Method TO-14A (GC/MS/SCAN)

Parameter			
Benzene	1,3-Dichlorobenzene	cis-1,3-Dichloropropene	Trichlorofluoromethane
Bromomethane	1,4-Dichlorobenzene	trans-1,3-Dichloropropene	1,2,4-Trichlorobenzene
Carbon Tetrachloride	cis-1,2-Dichloroethene	Ethylbenzene	1,1,1-Trichloroethane
Chloroform	Cis-1,2-Dichloroethene	Methylethylketone	1,1,2-Trichloroethane
2-Chlorotoluene	1,2-Dichloroethane	Methylene Chloride	Trichloroethane
Chloroethane	1,2-Dichloropropane	Styrene	1,3,5-Trimethylbenzene
Chloromethane	1,1-Dichloroethane	1,1,1,2-Tetrachloroethane	1,2,4-Trimethylbenzene
1,2-Dibromomethane	1,1-Dichloroethene	Tetrachloroethane	Xylenes
1,2-Dichlorobenzene	Hexachlorobutadiene	Toluene	Vinyl Chloride

Indoor Air Quality Method TO-15 (GC/MS/SIM) Colorado Department of Public Health List

Parameter		
Benzene	1,1-dichloroethene	Tetrachloroethene
Carbon tetrachloride	Cis-1,2-dichloroethene	Toluene
Chlorobenzene	1,2-dichloropropane	1,1,1-Trichloroethane
Chloroform	Ethylbenzene	1,1,2-Trichloroethane
1,2-dichlorobenzene	Methylene chloride	Trichloroethene
1,4-dichlorobenzene	Styrene	Vinyl chloride
1,1-dichloroethane	1,1,2,2-Tetrachloroethane	Xylenes
1,2-dichloroethane		



Environmental Health & Safety

(Organic Compounds Analyzed Using Passive Vapor Monitors by NIOSH and OSHA Methods)

Passive Vapor Monitoring Compounds Available*

Parameter			
Acetone	4-Chlorotoluene	1,1-Dichloropropene	Tetrachloroethene
Benzene	Dibromochloromethane	cis-1,3-Dichloropropene	Toluene
Bromobenzene	1,2-Dibromo-3-chloropropane	trans-1,3-Dichloropropene	Hexachlorobutadiene
Bromochloromethane	1,2-Dichloromethane	Ethylbenzene	1,2,4-Trichlorobenzene
Bromodichloromethane	Dibromomethane	2-Hexanone	1,1,1-Trichloroethane
Bromoform	1,2-Dichlorobenzene	Isopropylbenzene	1,1,2-Trichloroethane
n-Butylbenzene	1,3-Dichlorobenzene	p- Isopropyltoluene	Trichloroethene
sec-Butylbenzene	1,4-Dichlorobenzene	Methylethylketone	1,2,3-Trichloropropane
tert-Butylbenzene	Cis-1,2-Dichloroethene	Naphthalene	1,3,5-Trimethylbenzene
Carbon tetrachloride	1,2-Dichloroethane	n- Propylbenzene	1,2,4-Trimethylbenzene
Chlorobenzene	1,2-Dichloropropane	Styrene	Xylenes
Chloroform	1,3-Dichloropropane	1,1,1,2-Tetrachloroethane	
2-Chlorotoluene	2,2-Dichloropropane	1,1,2,2-Tetrachloroethane	

*Contact laboratory for appropriate passive vapor monitor and questions concerning different parameters.



Underground Storage Tanks (UST)

Water or Solids

Parameter	Method
BTEX	EPA-8260B / 624
MTBE	EPA-8260B
TVPH (GRO)	EPA-8260B
OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA & Ethanol)	EPA-8260B
TEPH (DRO)	EPA-8015B
FUEL I.D. (FINGERPRINT)	GC/MS
HEM/OIL & GREASE, HEM-SGT/TPH	EPA-1664 / 9071B
PAH	EPA-8270C
METHANE (in water)	RSKSOP-175 (mod.)



RCRA Hazardous Waste Profiling

TCLP Volatile Organics (VOC) – EPA-1311/8260B			
Benzene	Chloroform	1,1-Dichloroethene	Vinyl Chloride
Carbon Tetrachloride	1,4-Dichlorobenzene	Tetrachloroethene	Methyl Ethyl Ketone
Chlorobenzene	1,2-Dichloroethane	Trichloroethene	
TCLP Semi-Volatile Organics (SVOC) - EPA-1311/8270C			
o-Cresol	2,4-Dinitrotoluene	Pentachlorophenol	Hexachloroethane
m-Cresol	Hexachlorobenzene	2,4,6-Trichlorophenol	Nitrobenzene
p-Cresol	Hexachloro-1,3-Butadiene	2,4,5-Trichlorophenol	Pyridine
TCLP Pesticides - EPA-1311/8270C			
Chlordane	Heptachlor	Lindane	Toxaphene
Endrin	Heptachlor epoxide	Methoxychlor	
TCLP 8 Metals – EPA-1311/6060B/245.1			
Arsenic	Cadmium	Lead	Selenium
Barium	Chromium	Mercury	Silver
Additional Parameters - EPA Methods 1010/9040/9095			
Ignitability (Flashpoint)	Corrosivity (pH)	Reactivity : (Sulfide & Cyanide)	Paint Filter

NPDES/Wastewater Testing

Metals - EPA Method 6010B / 200.7 / 6020 / 200.8			
Antimony	Calcium	Manganese	Silver
Aluminum	Chromium	Molybdenum	Sodium
Arsenic	Cobalt	Nickel	Strontium
Barium	Copper	Phosphorus	Tin
Beryllium	Iron	Potassium	Tungsten
Boron	Lead	Selenium	Vanadium
Cadmium	Magnesium	Silicon	Zinc

Low Level Mercury – EPA-245.7 / 7470 / 1631E	
Mercury (Cold Vapor)	EPA 245.1 & EPA 7470
Ultra Low Level Mercury (CVAFS)	EPA 1631E & 245.7

Volatile Organic Compounds (VOC) - EPA-624			
Parameter			
Benzene	Chloroform	1,1-Dichloroethene	1,1,2,2-Tetrachloroethane
Bromodichloromethane	Chloromethane	1,2-Dibromoethane (EDB)	Toluene
Bromoform	Dibromochloromethane	Trans-1,2-Dichloroethene	1,1,1-Trichloroethene
Bromomethane	1,2-Dichlorobenzene	1,2-Dichloropropane	1,1,2-Trichloroethene
Carbon Tetrachloride	1,3-Dichlorobenzene	Cis-1,3-Dichloropropene	Trichloroethane
Chlorobenzene	1,4-Dichlorobenzene	Trans-1,3-Dichloropropene	Trichlorofluoromethane
Chloroethane	1,1-Dichloroethene	Ethylbenzene	Vinyl Chloride
2-Chloroethylvinyl ether	1,2-Dichloroethane	Methylene Chloride	

NPDES/Wastewater Testing (Cont'd)

Semi-Volatile Organic Compounds (SVOC) - EPA-625			
Parameter			
ACIDS			
2-Chlorophenol	4-Methylphenol	2,4-Dinitrophenol	Phenol
2-Methylphenol	2,4-Dichlorophenol	4-Nitrophenol	2,4,6-Trichlorophenol
3-Methylphenol	2,4-Dimethylphenol	Pentachlorophenol	
BASE / NEUTRALS			
Acenaphthylene	Bis(2-chloroisopropyl)ether	3,3'-Dichlorobenzidine	Hexachloroethane
Acenaphthene	4-Bromophenyl-phenylether	Dimethyl phthalate	Indeno(1,2,3-cd)pyrene
Anthracene	Butyl benzyl phthalate	1,2-Dichlorobenzene	Isophorone
Benzo(a)anthracene	2-Chloronaphthalene	1,3-Dichlorobenzene	Naphthalene
Benzo(b)fluoranthene	4-Chlorophenyl-phenylether	1,4-Dichlorobenzene	Nitrobenzene
Benzo(k)fluoranthene	Chrysene	2,4-Dinitrotoluene	N-Nitrosodi-n-propylamine
Benzo(g,h,i)perylene	Diethylphthalate	2,6-Dinitrotoluene	Phenanthrene
Benzo(a)pyrene	Di-n-butyl phthalate	Fluorene	Pyrene
Bis(2-chloroethoxy)methane	Di-n-octyl phthalate	Fluoranthene	1,2,4-Trichlorobenzene
Bis(2-chloroethyl)ether	Dibenzo(a,h)anthracene	Hexachlorobenzene	
ADDITIONAL EPA- 625 PARAMETERS			
Acetophenone	n-decane	n-octadecane	Alpha-terpineol
Carbazole	2,3-dichloroaniline	pyridine	

Petroleum Industry Analysis

(Expedited Turnaround on Special Request)

Parameter	Method
Natural Gas Analysis: Methane through Hexanes plus, Carbon Dioxide, Nitrogen/Oxygen, BTU and calculated Specific Gravity.	ASTM-D1945
Natural Gas-Liquid Analysis (NGL): Methane through Heptanes plus, CO ₂ , N ₂ , Liquefied Volume %, Mole %, and calculated Specific Gravity.	ASTM- D2597
Extended /Detailed Hydrocarbon Analysis : Fingerprint of Paraffins, Isoparaffins, Aromatics to include BTEX, Naphthenes and Olefins)	ASTM- D6730
Liquid Hydrocarbon Analysis (C ₁ -C ₃₀₊)	ASTM-D5307
Hazardous Air Pollutants (Condensate)	ASTM-D6730
Hazardous Air Pollutants & C ₁ -C ₁₀₊ Hydrocarbons (Pressurized Water)	Proprietary
Total Sulfur in Oil	ASTM-D1266
H ₂ S in Natural Gas by Tutweiler	UOP 9-85
H ₂ S in Water	EPA-376.1
Simulated Distillation (Carbon Number vs. Boiling Point)	ASTM-D5307
D-86 Distillation	ASTM-D86-96
Water in Natural Gas by Karl Fischer	ASTM-D4928-96
Water in Glycol by Karl Fischer	ASTM-D4928-96
Ethylene Glycol	ASTM- D2982
Methanol in Water	EPA-8015B/C
Methane in Water	RSK-175
Viscosity (Kinematic)	ASTM- D446
Asphaltenes (Heptane Insolubles) in Crude Oil	ASTM-D6560
Paraffin Wax Content of Petroleum Oil	ASTM-D5442
Gravity (API)	ASTM- D287
Gravity (Specific)	ASTM- D1298
Cloud Point	ASTM- D2500
Chloride in Oil (Water Soluble)	ASTM- D3230
Pour Point	ASTM- D97
Bottom Sediment and Water (BS & W)	ASTM- D473
Injection Water Quality (Suspended Solids Analysis)	Proprietary
Oil Field Water Analysis: Sodium, Potassium, Calcium, Magnesium, Barium, Iron, Chloride, Sulfate, Carbonate, Bicarbonate, pH, TDS, Resistivity & Specific Gravity	ICP -IC
Scale Analysis (Quantitative I.D. of Inorganic Deposits such as CaCO ₃ , CaSO ₄ , BaSO ₄ , FeO ₃ , etc.)	ICP-IC
Flashpoint (Pensky Martens Closed Cup)	SW1010
Sample preparation, clean-up and separation of emulsions prior to analysis	Per Sample

Additional Services

For Water, Wastewater, Soil & Sludge

Inorganic & General Chemistry

Parameter	Method
Alkalinity as CaCO ₃	EPA-310.2
Ammonia-N	EPA-350.3
Anion Scan (PO ₄ , SO ₄ , NO ₃ , NO ₂ , F, Cl, Br)	EPA-300.0
Acetate	EPA-300.0
Biochemical Oxygen Demand (BOD)	EPA-405.1
Chloride	EPA-300.0
Chemical Oxygen Demand	EPA-410.4
Conductivity / Resistivity	SW 9050
Cyanide (Total)	SW 9014
Ethanol	SW 8260B
Fluoride	EPA-300.0
Formaldehyde	EPA-323
Glycol	ASTM- D2982
Hardness CaCO ₃	EPA-130.1
Hydrogen Sulfide (H ₂ S)	EPA-376.1
Methane (dissolved, in water)	RSK-175
Nitrate	EPA-300.0
Nitrite	EPA-300.0
Nitrogen (Kjeldahl, TKN)	EPA-351.4
Oil & Grease/HEM	EPA-1664
pH/Corrosivity	SW 9045C
Phosphorus (Ortho)	EPA-300.0
Phenols (Total)	EPA-420.2
Specific Gravity	SM 2710F
Sulfate	EPA-300.0
Total Dissolved Solids	EPA-160.1
Total Suspended Solids	EPA-160.2
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA-418.1
Total Organic Carbon (TOC)	EPA-415.2

Trace Metals

Parameter	Method
Sample Preparation (Soil)	EPA-3050B
Sample Preparation- Dissolved Metals (Water)	EPA-3005A
Sample Preparation- Total Metals (Water)	EPA-3010A
ICP/OES or ICP/MS: Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sr, Tl, V, Zn	EPA-6010B/6020
Mercury (Cold Vapor)	EPA-7470/245.1
Mercury (Water, Ultra Low Level)	EPA-245.7/1631E
RCRA 8 (Ag, As, Ba, Cd, Cr, Hg, Pb, Se) in Water	EPA-6010B/245.1
RCRA 8 (Ag, As, Ba, Cd, Cr, Hg, Pb, Se) in Soil	EPA-6010B/7061A/7471B

Organic Chemistry Volatiles

Volatile Organic Compounds (VOC) - EPA-8260B			
Parameter			
Benzene	Chloromethane	1,3-Dichloropropane	1,1,2,2-Tetrachloroethane
Bromobenzene	2-Chlorotoluene	2,2-Dichloropropane	1,2,3-Trichlorobenzene
Bromochloromethane	4-Chlorotoluene	1,1-Dichloropropene	1,2,4-Trichlorobenzene
Bromodichloromethane	1,2-Dibromoethane (EDB)	Cis-1,3-Dichloropropene	1,1,1-Trichloroethane
Bromoform	Dibromomethane	Ethylbenzene	1,1,2-Trichloroethane
Bromomethane	1,2-Dichlorobenzene	Hexachlorobutadiene	Trichloroethene
n-Butylbenzene	1,3-Dichlorobenzene	Isopropylbenzene	Trichlorofluoromethane
Sec-Butylbenzene	1,4-Dichlorobenzene	4-isopropyltoluene	1,2,4-Trimethylbenzene
Tert-Butylbenzene	1,1-Dichloroethane	Methylene Chloride	1,3,5-Trimethylbenzene
Carbon Tetrachloride	1,2-Dichloroethane	Naphthalene	Toluene
Chlorobenzene	1,1-Dichloroethene	n-Propylbenzene	Vinyl Chloride
Dibromochloromethane	Cis-1,2-Dichloroethene	Styrene	Xylenes
Chloroethane	Trans-1,2-Dichloroethene	Tetrachloroethene	Trans-1,3-Dichloropropene
Chloroform	1,2-Dichloropropane	1,1,1,2-Tetrachloroethane	

Organic Chemistry Semi-Volatiles

Semi-Volatile Organic Compounds (SVOC) - EPA-8270C			
Parameter			
ACIDS			
2-Chlorophenol	4-Methylphenol	2,4-Dinitrophenol	Phenol
2-Methylphenol	2,4-Dichlorophenol	4-Nitrophenol	2,4,5-Trichlorophenol
3-Methylphenol	2,4-Dimethylphenol	Pentachlorophenol	2,4,6-Trichlorophenol
BASE / NEUTRALS			
Acenaphthylene	Dimethyl phthalate	1,3-Dichlorobenzene	3-Nitroaniline
Acenaphthene	4-Bromophenyl-phenylether	1,4-Dichlorobenzene	4-Nitroaniline
Anthracene	Butyl benzyl phthalate	2,4-Dinitrotoluene	Naphthalene
Benzo(a)anthracene	4-Chloroaniline	2,6-Dinitrotoluene	Nitrobenzene
Benzo(b)fluoranthene	2-Chloronaphthalene	Fluorene	N-Nitrosodi-n-propylamine
Benzo(k)fluoranthene	4-Chlorophenyl-phenylether	Fluoranthene	N-Nitrosodimethylamine
Benzo(g,h,i)perylene	Chrysene	Hexachlorobenzene	N-Nitrosodiphenylamine
Benzo(a)pyrene	Diethylphthalate	Hexachlorocyclopentadiene	Phenanthrene
Benzyl Alcohol	Di-n-butyl phthalate	Hexachloroethane	Pyrene
Bis(2-chloroethoxy)methane	Di-n-octyl phthalate	Indeno(1,2,3-cd)pyrene	Pyridine
Bis(2-chloroethyl)ether	Dibenzo(a,h)anthracene	Isophorone	1,2,4-Trichlorobenzene
Bis(2-chloroisopropyl)ether	3,3'-Dichlorobenzidine	2-Methylnaphthalene	
Bis(2-ethylhexyl)phthalate	1,2-Dichlorobenzene	2-Nitroaniline	

Organic Chemistry PAH

Polynuclear Aromatic Hydrocarbons (PAH) - EPA-8270			
Parameter			
Naphthalene	Phenanthrene	Benzo(a)Anthracene	Benzo(a)Pyrene
Acenaphthylene	Anthracene	Chrysene	Indeno(1,2,3-cd)Pyrene
Acenaphthene	Fluoranthene	Benzo(b)Fluoranthene	Dibenzo(a,h)Anthracene
Fluorene	Pyrene	Benzo(k)Fluoranthene	Benzo(g,h,i)Perylene

Organic Chemistry Pesticides, PCB's

Pesticides - EPA-8081A			
Parameter			
Aldrin	4,4'-DDD	Endosulfan II	Heptachlor epoxide
a-BHC	4,4'-DDE	Endosulfan sulfate	Chlordane
b-BHC	4,4'-DDT	Endrin	Toxaphene
g-BHC	Dieldrin	Endrin aldehyde	
d-BHC	Endosulfan I	Heptachlor	

PCB - EPA-8082			
Parameter			
Aroclor 1016	Aroclor 1248	Aroclor 1221	Aroclor 1254
Aroclor 1232	Aroclor 1260	Aroclor 1242	Aroclor 1268

Containers, Preservatives, & Hold Times

Water Samples

<u>Analysis</u>	<u>Amount Required</u>	<u>Holding Time</u>	<u>Preservative</u>
Alkalinity / Carb / Bicarb	1 - 250ml plastic bottle	14 days	≤ 6° C
Ammonia	1 - 250ml plastic bottle**	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
Sulfate, Fluoride, Chloride, Bromide	1 - 250ml plastic bottle	28 days	≤ 6° C
BOD	1 - 250ml plastic bottle	48 hours	≤ 6° C
BTEX, TPH-GRO (Gasoline)	2 - 40ml VOA vials§	14 days	HCl / ≤ 6° C
Chlorine (Total Residual)	1 - Liter (glass)	Immediate	≤ 6° C
COD	1 - 250ml plastic bottle	28 days	H ₂ SO ₄ (pH <2)
Cyanide	1 - 250ml plastic bottle**	14 days	NaOH & Ascorbic Acid (pH 12)
Hexavalent Chromium	1 - 250ml 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 - 250ml plastic bottle	6 months	Field Filtered / HNO ₃ (pH <2)
Metals (Potentially Dissolved)	1 - 250ml plastic bottle		≤ 6° C
Metals (TCLP)	1 - 250ml plastic bottle	6 months	≤ 6° C
Metals (Total)	1 - 250ml plastic bottle	6 months	HNO ₃ (pH <2)
Nitrate / Nitrite / Phosphate	1 - 250ml plastic bottle**	48 hours	≤ 6° C
Nitrogen (Total Kjeldahl/TKN)	1 - 250ml plastic bottle**	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
Nitrogen (Total)	1 - 250ml plastic bottle	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
Oil and Grease / HEM by EPA-1664	1 - Liter (glass or plastic, 2 if for NPDES)	28 days	HCl or H ₂ SO ₄ (pH <2) / ≤ 6° C
PCB	1 - Liter (glass)	1 year	≤ 6° C
Pesticides	1 - Liter (glass)	7 days‡	≤ 6° C (pH 5-9)
pH	1 - 250ml plastic bottle	Immediate	≤ 6° C
Phenols	1 - Liter (glass)		H ₂ SO ₄ (pH <2) / ≤ 6° C
Phosphorus	1 - 250ml plastic bottle**	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
RIC (Reactivity, Ignitability, Corrosivity)	1 - 250ml plastic bottle	14 days	≤ 6° C
Semi-VOC 8270 / 625	1 - Liter (glass)	7 days‡	≤ 6° C
Sulfate	1 - 250ml plastic bottle**	28 days	≤ 6° C
Sulfide	1 - 250ml plastic bottle**	7 days	NaOH & Zn Acetate (pH > 9)
TOC	1 - 250ml plastic bottle	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
TOX	2 - Liter (glass)	28 days	H ₂ SO ₄ (pH <2) / ≤ 6° C
TPH-DRO (Diesel)	1 - 40ml VOA vial§	14 days	HCl / ≤ 6° C
TSS / TDS	1 - 250ml plastic bottle	7 days	≤ 6° C
Total Toxic Organics (TTO)	2 - liter glass + 4 - 40 mL VOAs	Various	≤ 6° C
VOC 624 / 1624	3 - 40ml VOA vials	14 days	HCl / ≤ 6° C
SVOC 625	2 - Liter (glass)		≤ 6° C
VOC 8260 (Total or TCLP)	2 - 40ml VOA vials	14 days	HCl / ≤ 6° C
SVOC 8270 (Total or TCLP)	1 - Liter (glass)	7 Days	≤ 6° C

‡ 7 day 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 2 VOA vials; 3 VOAs are required for the addition of DRO to the latter tests.

Containers, Preservatives, & Hold Times

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 / Pesticides	1 - 2 oz soil jar	14 days ‡	≤ 6° C
pH	**	7 days	≤ 6° C
RCRA 8 Metals (Total or 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 day 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.