



Colorado Department of Labor and Employment
 Division of Oil and Public Safety – Remediation Section
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Regulated Substances Stored in USTs/ASTs & Laboratory Analytical Methods

Product	Regulated		Soil Analysis (EPA Method)	Groundwater Analysis (EPA Method)
	UST	AST		
Petroleum Fuels and Products				
Aircraft/Jet Fuel	Yes	Yes	BTEX/TEPH – 8260/8015	BTEX/MTBE/TEPH – 8260/8015
Alcohol Blended Fuel	Yes	Yes	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Aviation Gasoline	Yes	Yes	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Aviation turbine Fuel	Yes	Yes	BTEX/TEPH/TVPH – 8260/8015	BTEX/MTBE/TEPH/TVPH – 8260/8015
Biodiesel/Biodiesel Blends	Yes	Yes	BTEX/TEPH – 8260/8015	BTEX/MTBE/TEPH – 8260/8015
Diesel	Yes	Yes	BTEX/TEPH – 8260/8015	BTEX/MTBE/TEPH – 8260/8015
Fuel Oil	Yes	Yes	BTEX/TEPH – 8260/8015	BTEX/MTBE/TEPH – 8260/8015
Gasoline	Yes	Yes	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Heating Oil (not used onsite)	Yes	Yes	BTEX/TEPH – 8260/8015	BTEX/MTBE/TEPH – 8260/8015
Hydraulic Fluid/Oil	Yes	Yes	BTEX/TRPH – 8260/9071	BTEX/MTBE/TRPH – 8260/1664
Kerosene	Yes	Yes	BTEX/TEPH – 8260/8015	BTEX/MTBE/TEPH – 8260/8015
Methanol	Yes	Yes	8015	8015
Mineral Oil	Yes	Yes	BTEX/TRPH – 9071	BTEX/MTBE/TRPH – 1664
Oil and Lube Oil	Yes	Yes	BTEX/TRPH – 8260/9071	BTEX/MTBE/TVPH – 8260/1664
Transformer Oil	Yes	No	BTEX/TRPH – 9071	BTEX/MTBE/TRPH – 1664
Transmission Fluid	Yes	Yes	BTEX/TRPH – 9071	BTEX/MTBE/TRPH – 1664
Fuel Additives				
1,2-Dichloroethane	Yes	Yes	8260	8260
Ethanol	Yes	Yes	8015	8015
Ethylene Dibromide	Yes	Yes	8260	8011
Other Regulated Compounds and Substances				
1,2,4,5-Tetrachlorobenzene	Yes	Yes	8260	8260
1,2,4-Trichlorobenzene	Yes	Yes	8260	8260
Anti-Freeze	Yes	No	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Dibenzofuran	Yes	Yes	8270	8270
Dry Cleaning Solvent	Yes	No	8260	8260
Ethylene Glycol	Yes	No	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Glycols	Yes	Yes	8015	8015
Hexachlorobenzene	Yes	Yes	8270	8270
Naptha (Coal Tar)	Yes	Yes	BTEX/TRPH/PAH – 8260/8015/8270	BTEX/MTBE/TRPH/PAH – 8260/8015/8270
Napthal	Yes	No	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Pentachlorobenzene	Yes	Yes	8270	8270
Pentachloronitrobenzene	Yes	Yes	8270	8270
Polycyclic Aromatic Compounds (PAHs)	Yes	Yes	8270 (SVOCs)/8270SIM (PAHs)/8310 (PAHs)	8270 (SVOCs)/8270SIM (PAHs)/8310 (PAHs)
Stoddard Solvent	Yes	Yes	BTEX/TVPH – 8260/8015	BTEX/MTBE/TVPH – 8260/8015
Waste Oil	Yes	Yes	BTEX/TEPH/TRPH – 8260/8015/9071 (full VOC required for initial characterization)	BTEX/MTBE/TEPH/TRPH/TVPH – 8260/8015/1664 (full VOC required for initial characterization)

Refer to SW-846. All methods should be completed with appropriate and most recent revisions, as applicable.