

**APPENDIX
B**

**RECOMMENDED ANALYTICAL
METHODS FOR PETROLEUM
PRODUCTS**

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Water Samples ^{*1}

	<u>Method No.</u>
Diesel Fuel Constituents	EPA 610, 8100 or Equivalent
Gasoline Constituents	EPA 602, 8020, 8015 or Equivalent
Waste Oil Constituents	SEE NOTE
Total Petroleum Hydrocarbons	California/USGS Method or Equivalent

Soil Samples

Diesel Fuel Constituents (PAH Screen) ^{*2}	EPA 8100 or Equivalent
Gasoline Constituents (BTEX)	EPA 8020, 8015 or Equivalent
Waste Oil Constituents	SEE NOTE ^(A)
Total Petroleum Hydrocarbons (for hydrocarbon of concern)	California/USGS Method or Equivalent

Air Samples

Diesel Fuel Constituents (PAH Screen)	NIOSH 1501 or Equivalent ^{*3}
Gasoline Fuel Constituents (BTEX)	NIOSH 1501 or Equivalent ^{*3}
Total Petroleum Hydrocarbons (for hydrocarbon of concern)	NIOSH 1500 or Equivalent ^{*3}

*1 For more detailed analysis or when the possibility exists for numerous unknowns it is recommended that EPA Method 624 plus 15 (GC/MS plus identification of non-targeted compounds) and EPA Method 625 plus 15 be performed.

*2 These methods should screen for naphthalene >25 ppm. If the concentration of naphthalene determined from these methods is >25 ppm the level must be confirmed by GC/MS.

*3 Or the analytical method appropriate for the specific field sampling technique being used.

(A) NOTE: Should be based on contents of waste oil spill (i.e., solvents, metals, etc).