



Some of the Testing Capabilities We Can Provide You Include:

Organic and Inorganic Instrumental Analysis

Metals by ICP, CVAA, ICPMS, GFAA

Metals, Total, EPA **200.7**, 200.8, **6010**, 6020

Mercury, EPA **7470**, **7471**

Non-Volatile Organics by FID/PID GC, ECD, GCMS, HPLC

Semi-Volatiles, EPA **625**, **8270**

PCBs, EPA 608, **8082**

Pesticides, EPA 608, 8141

Herbicides, EPA 8151

PAH, EPA 610, **8015**, 8310

TVPH, TEPH, GRO, OA1, DRO, OA2, EPA **8015**, **8260**

KS LRH, KS MRH/HRH, KS 8015M

Nitro-Aromatics, EPA 8330

Volatile Organics by GCMS

VOCs, EPA **624**, **8260**

Characteristics:

Reactivity: Sulfide, **SM 5400-S2 F**; Cyanide, **SM 4500-CN E**

Corrosivity, **EPA 9040**, **9045**, **SM 4500-H B**

Ignitability, **EPA 1010**

TCLP Leaching Procedure, **EPA 1311**

Paint Filter Test, **EPA 9095**

Transformer Diagnostics

Acid Number, **ASTM D9074**

Color & VIS, **ASTM D1500**, D1524

Corrosive Sulfur, ASTM D1275

Dielectric Breakdown, **ASTM D877**

Dissolved Gas Analysis, ASTM D3612

Interfacial Tension, **ASTM D9714**

Fault Metals, **ASTM D7151**

Moisture Content, **ASTM D1533**

Oxidation Inhibitor, ASTM D2668

PCBs in Oil, **ASTM D4059**

PCBs in Solids, **EPA 3550**, **8082**

Pour Point, ASTM D97

Power Factor, ASTM D924

Specific Gravity, **ASTM D1298**

Viscosity, ASTM D445

Nutrients

Ammonia, **SM 4500-NH3 B, D or E**

Kjeldahl Nitrogen, **SM 4500-NH3 B, C, D or E**

Nitrate, **SM 4500-NH3 D**, EPA 300.0

Nitrite, **SM 4500-NO2 B**, EPA 300.0

Nitrate+Nitrite, EPA 353.3, **SM 4500**

Organic Nitrogen, **TKN-NH3-CAL**

Phosphorus, **SM 4500-P B**

Microbiology

Total Coliform & E. Coli, SM 9222 D, **9223 B**

Miscellaneous Test Parameters and Methods

Acidity, **SM 2310**

Alkalinity, **SM2320 B**

Asbestos, PLC, PCM

Ash Content, ASTM D482

BOD, cBOD, **EPA 5210 B**

Chloride, **SM 4500-Cl B**

Chlorine, Total, **SM 4500-Cl G**

Conductivity, **EPA 120.1**, SM 2510 B

COD, **Hach 8000**, **SM 5220 D**, EPA 410.4

Cyanide, Total, SM 4500-CN

Dissolved Oxygen, **SM 4500-O G**

Hardness, **SM 2340 B or C**

Oil & Grease, **EPA 1664**

Solids, Fixed and Volatile, **SM 2540 G**

Specific Conductance, **EPA 120.1**

Specific Gravity, **ASTM D1429**

Sulfate, ASTM D516

Sulfide, SM 4500-S F

pH, **EPA 9040**, **9045**, **SM 4500-H B**

Phenolics, EPA 420.1

Sulfate, **SM 4500-SO4 E**, EPA 300.0

TSS, **SM 2540 D**

TDS, **SM 2540 C**

Temperature, **SM 2550 B**

Total Organic Carbon, SM 5310 B or C