

Wastewater/RCRA Analyses

Bacteriological

| | | | |
|--------------------------|-------|-----------|---------|
| Total Coliform Bacteria | Water | SM 9221 B | \$40.00 |
| Fecal Coliform Bacteria | Water | SM 9221 E | \$30.00 |
| Fecal Coliform + E. coli | Water | SM 9221 E | \$40.00 |
| E. coli | Water | SM 9221 E | \$40.00 |

Volatile Organics

| | | | |
|---|-------------|----------|----------|
| Single Volatile Compound (i.e. PCE) | Water/Solid | EPA 8260 | \$100.00 |
| Volatile Halocarbons/Chlorinated Solvents | Water/Solid | EPA 8260 | \$160.00 |
| Volatile Organics | Water/Solid | EPA 8260 | \$160.00 |

Semivolatile Organics

| | | | |
|--|-------------|---------------|----------------|
| Carbamate Pesticides | Water/Solid | EPA 8318 | \$160.00 |
| Carbonyl Compounds | Water/Solid | EPA 8315 | \$200.00 |
| Phenoxy acid herbicides | Water/Solid | EPA 8151 | \$175.00 |
| EDB | Water/Solid | EPA 8011 | \$100.00 |
| Chlorophyll A | Water | SM10200H | \$100.00 |
| Organochlorine Pesticides | Water/Solid | EPA 8081/8270 | \$175.00 |
| Organophosphorus Pesticides | Water/Solid | EPA 8141/8270 | \$160.00 |
| PAH's | Water/Solid | EPA 8270 | \$160.00 |
| PCB's | Water/Solid | EPA 8082 | \$125.00 |
| Phenols | Water/Solid | EPA 8270 | \$160.00 |
| Phthalates | Water/Solid | EPA 8270 | \$160.00 |
| Semivolatile Organics (Full List) | Water/Solid | EPA 8270 | \$335.00 |
| Triazine Pesticides | Water/Solid | EPA 8270 | \$200.00 |
| Single SOC (e.g., Atrazine) | Water/Solid | EPA 8270 | \$160.00 |
| Explosives & Explosive by-products (e.g., RDX) | Water/Solid | EPA 8330 | \$250.00 |
| Dioxin (2,3,7,8-TCDD) | Water | EPA 1613 | \$425.00 |
| Ethylene/Propylene Glycol | Water/Solid | EPA 8015 Mod | \$100.00 |
| Volatile Acids C1-C6 | Water | EPA 8015 Mod | \$200.00 |
| Non-Routine SVOC's (e.g., PBDE's) | Water/Solid | EPA 8270 Mod | Call For Quote |
| Caffeine | Water | EPA 8270 Mod | \$160.00 |

Specialty Analyses

| | | | |
|--------------------------|-------------|-----------------|----------------|
| Fluridone | Water/Solid | HPLC/HPLC/MS/MS | \$100.00 |
| Chloroprotham | Water/Solid | GC/MS/MS | \$160.00 |
| Glyphosate | Glyph-Water | EPA 547 | \$150.00 |
| | Glyph-Solid | Monsanto Method | \$400.00 |
| Pesticide Screen | Water/Solid | EPA 8270 Mod | \$160.00 |
| Pentachlorophenol | Water/Solid | EPA 8151 | \$150.00 |
| Clopyralid | Water/Solid | EPA 8151 Mod | \$200.00 |
| Clopyralid and Picloram | Water/Solid | EPA 8151 Mod | \$250.00 |
| Other Specialty Analyses | Water/Solid | Varies | Call for Quote |

Cyanide Tests

| | | | |
|----------------------------------|-------------|--------------|---------|
| Total | Water/Solid | EPA 335.4 | \$40.00 |
| Total & Amenable | Water/Solid | EPA 9010 | \$40.00 |
| Total Low Level (DL 0.005 mg/L) | Water | EPA 335.4 | \$80.00 |
| Weak Acid Dissociable (WAD) | Water/Solid | SM 4500 CN-I | \$40.00 |
| Total & Amenable to Chlorination | Water/Solid | SM 4500 CN-E | \$80.00 |
| Reactive | Water/Solid | EPA SW 846 | \$40.00 |

Wet Chemistry/IOC

| | | | |
|--|-------------|---------------------|----------|
| Alkalinity as CaCO ₃ | Water/Solid | SM 2320 | \$20.00 |
| Biochemical Oxygen Demand (BOD) | Water | SM 5210 B | \$45.00 |
| Cation-Anion Balance | Water | EPA 200.8/300.0 | \$133.00 |
| Cation Exchange Capacity | Solid | EPA 9081 | \$80.00 |
| Chemical Oxygen Demand (COD) | Water | EPA 410.4 | \$35.00 |
| Color | Water | SM 2120 B | \$10.00 |
| Dissolved Oxygen | Water | SM5210B | \$15.00 |
| Hardness as CaCO ₃ | Water | EPA 130.2/SM 2340 B | \$42.00 |
| Hydrogen Sulfide | Water | SM 4500 S | \$20.00 |
| Fats, Oil & Grease (HEM) Total | Water | EPA 1664 | \$60.00 |
| Fats, Oil & Grease (HEM w/clean-up, Non-polar) | Water | EPA 1664 | \$60.00 |
| BTU (Heat of Combustion) | Solid | ASTM D240-92 | \$100.00 |
| pH | Water/Solid | EPA 150.1/9040/9045 | \$10.00 |
| Phenolics (Total) | Water/Solid | EPA 420.1/9065/9067 | \$70.00 |
| Phosphorus: | | | |
| Orthophosphate: PO ₄ | Water/Solid | EPA 300.0 | \$20.00 |
| Low Level Orthophosphate: PO ₄ (0.005 mg/L) | Water/Solid | SM 4500 PF | \$50.00 |
| Total P | Water/Solid | SM 4500 PF | \$30.00 |
| Low Level Total P (0.005 mg/L) | Water | SM 4500 PF | \$50.00 |
| Specific Conductance (Conductivity) | Water | EPA 120.1 | \$10.00 |
| Specific Gravity | Water | ASTM D287 | \$30.00 |
| Sulfides-Total | Solid | EPA 9030 | \$40.00 |
| Surfactants (MBAS) | Water | SM 5540 C | \$50.00 |
| Tannin & Lignin | Water | SM 5550 B | \$45.00 |
| Total Organic Carbon (TOC) | Water | SM 5310 C | \$40.00 |
| Dissolved Organic Carbon (DOC) | Water | SM 5310 C | \$40.00 |
| Total Inorganic Carbon (TIC) | Water | SM 5310 C | \$40.00 |
| Dissolved Inorganic Carbon (DIC) | Water | SM 5310 C | \$40.00 |
| Total Organic Halogens (TOX) | TOX-Water | EPA 9020 | \$100.00 |
| | TOX-Solid | EPA 9023 | \$65.00 |
| | TOX-Oil | EPA 9076 | \$50.00 |
| Turbidity | Water | EPA 180.1 | \$15.00 |
| Volatile Acids (Total, TVA) | Water/Solid | SM 5560 C | \$50.00 |
| Resistivity | Solid | ASTMG57A | \$40.00 |
| Perchlorate | Water | EPA 332.0 | \$120.00 |

Nitrogen

| | | | |
|---|-------------|-------------------------------------|---------|
| Nitrite (NO ₂ -N) | Water/Solid | EPA 300.0/SM 4500 NO ₃ F | \$20.00 |
| Nitrate (NO ₃ -N) | Water/Solid | EPA 300.0/SM 4500 NO ₃ F | \$20.00 |
| Ammonia (NH ₃ /N) | Water/Solid | SM 4500 NH ₃ | \$20.00 |
| Organic Nitrogen (TKN – NH ₃) | TKN-Water | SM 4500 NH ₃ | \$55.00 |
| | TKN-Solid | SM 4500 N B/4500 NH ₃ C | \$55.00 |
| TKN (Total Kjeldahl Nitrogen) | Water/Solid | SM 4500 NH ₃ /SM4500 N B | \$35.00 |
| Total Nitrogen: NO ₃ + NO ₂ + TKN | Water/Solid | Various | \$55.00 |
| Total Persulfate Nitrogen (TPN) | Water | SM4500 N-C | \$40.00 |

| | | | |
|---|--------------|------------------------|------------|
| Ions | | | |
| Anions: <i>Single Anion</i> | Water/Solid | EPA 300.0 | \$20.00 |
| <i>Each additional:</i> | | | |
| Fluoride | Water/Solid | EPA 300.0 | \$5.00 |
| Chloride | Water/Solid | EPA 300.0 | \$5.00 |
| Nitrite | Water/Solid | EPA 300.0/SM 4500 NO3F | \$5.00 |
| Bromide | Water/Solid | EPA 300.0 | \$5.00 |
| Nitrate | Water/Solid | EPA 300.0/SM 4500 NO3F | \$5.00 |
| Phosphate | Water/Solid | EPA 300.0 | \$5.00 |
| Sulfate | Water/Solid | EPA 300.0 | \$5.00 |
| Thiosulfate | Water/Solid | EPA 300.0 | \$15.00 |
| Iodide | Water/Solid | EPA 300.0 | \$15.00 |
| Bromate | Water/Solid | (sub-contacted) | \$100.00 |
| Chlorate | Water/Solid | (sub-contacted) | \$100.00 |
| Solids | | | |
| Total Dissolved Solids (TDS) | Water | SM 2540 C/EPA 160.1 | \$20.00 |
| Total Solids | Water | SM 2540 B/EPA 160.3 | \$15.00 |
| Total Suspended Solids (TSS) | Water | SM 2540 D/EPA 160.2 | \$15.00 |
| Total Volatile Solids (TVS) | Water/Solid | SM 2540G/EPA 160.4 | \$35.00 |
| Volatile Suspended Solids (VSS) | Water | SM 2540E/EPA 160.4 | \$35.00 |
| Percent Solids | Solid | SM2540B | \$15.00 |
| Test Packages | | | |
| Spokane Discharge: | | | \$320.00 |
| FOG | Water | EPA 1664 | |
| Cyanide | Water | EPA 335.4 | |
| pH, Flashpoint, Reactivity | Water | Various | |
| Metals: <i>(As, Cd, Cr, Cu, Hg, Ni, Pb, Ag)</i> | Water | EPA 200.8/245.2 | |
| With BTEX for advanced systems | Water | EPA 8260 | \$400.00 |
| Priority Pollutants: | | | \$960.00 |
| BNA | Water | EPA 8270 | |
| Organochlorine Pesticides | Water | EPA 8081 | |
| Volatile Organics | Water | EPA 8260 | |
| Priority Pollutant Metals | Water | EPA 200.8/245.1 | |
| Total Phenolics | Water | EPA 420.1 | |
| Cyanide | Water | EPA 335.4 | |
| Total Toxic Organics List (TTO) | | | \$1,095.00 |
| Volatile Organics w/acrolein | Water | EPA 624 | |
| Organochlorine Pesticides/PCB | Water | EPA 608 | |
| BNA | Water | EPA 625 | |
| 2,3,7,8-TCDD | Water | EPA 1613 | |
| Metals | | | |
| Metals/Cations: <i>Single Metal/Cation includes digestion</i> | Water/Solid | EPA 6020/200.8 | \$30.00 |
| Each Additional Metal or Cation | | | \$12.00 |
| Mercury Cold Vapor | Water/Solid | EPA 245.7/7471 | \$30.00 |
| Trace Mercury (0.5 ppt DL) | Water | EPA 1631 | \$80.00 |
| RCRA 8 Metals: <i>(As, Ba, Cd, Cr, Pb, Hg, Se, Ag)</i> | Water/Solid | EPA 200.8/6020 | \$120.00 |
| TAL Metals: | | | |
| <i>(Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, Zn, V)</i> | Water/Solid | EPA 200.8/6020 | \$294.00 |
| Washington Fertilizer List Metals: | | | |
| <i>(As, Cd, Co, Pb, Hg, Mo, Ni, Se, Zn)</i> | Liquid/Solid | EPA 200.8/6020 | \$126.00 |
| Priority Pollutant Metals: | | | |
| <i>(Sb, As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn)</i> | Water/Solid | EPA 200.8/6020 | \$174.00 |

Hexavalent Chromium (*call in advance for sampling kit*)

Water/Solid ASTM D1687/EPA 218.6

\$100.00