

Standard Analytical Parameters

Specialty Analytical Parameters

Semi-Volatile Organics:

- SVOCs / EPA 8270D
- SVOCs (wastewater) / EPA 625
- PAHs / EPA 8270D
- PAHs (low-level) / EPA 8270D-SIM

Volatile Organics:

- VOCs / EPA 8260C
- VOCs (wastewater) / EPA 624
- Total Petroleum Hydrocarbon GRO / EPA 8015D

Pesticides/PCBs/Herbicides:

- Chlorinated Pesticides / EPA 8081B
- Polychlorinated Biphenyls / EPA 8082A
- Herbicides / EPA 8151A
- Chlorinated Pesticides + PCBs (wastewater) / EPA 608

Metals:

- Metals (ICP-AES) (Aqueous or Solids) / EPA 6010C
- Metals (ICP-MS) (Aqueous or Solids) / EPA 6020A
- Metals (ICP-AES) (Drinking or waste water) / EPA 200.7
- Metals (ICP-MS) (Drinking or waste water) / EPA 200.8
- Mercury (Drinking or waste water) / EPA 245.1
- Mercury (Water) / EPA 7470A (Solids) / EPA 7471B

General Chemistry

- Alkalinity / SM 2320B
- Anions / EPA 300.0, 9056A
- BOD, CBOD / SM 5210B
- COD / EPA 410.4
- Conductivity / EPA 120.1, SM 2510B
- Cyanide / SM 4500 CN-E, EPA 9012B
- Available Cyanide / ASTM D6888
- Hexavalent Chromium / SM 4500 CR-B, EPA 7196A
- Nitrogen, Ammonia / SM 4500 NH3-D
- Nitrogen, Total Kjeldahl / SM 4500-NH3-CTKNS
- PH / SM 4500 H+-B, EPA 9040C
- Phenolics, Total / EPA 420.2
- Phosphorous, Total / SM 4500P-F
- Solids, Total / SM 2540B
- Solids, Total Dissolved / SM 2540C, / SM 2540D
- Solids, Total Volatile / EPA 160.4
- Sulfide / SM 4500 S2-D
- Total Organic Carbon / SM 5310B, SM 5310C

Microbiology:

- Various methods available

Waste Characterization:

- Full TCLP & SPLP available

- Low Level Mercury / EPA 1631
- Dissolved Gases in Water / RSK 175
- White Phosphorus / EPA 758
- Formaldehyde/ 8315A
- Explosives / EPA 8330B
- VOCs in Air / TO-15
- Perchlorate / EPA 6850
- PCB Congeners / EPA 8082 Mod
- Organophosphorus Pesticides / EPA 8141
- Elutriate and Pore Water Preparation
- TOC in Soil / Walkley Black and EPA 9060
- Grain Size with Hydrometer / ASTM D422
- Chemical Warfare Agent Breakdown Analysis
- Low-level and Alkylated PAHs / EPA 8270
- Permanent Gases / ASTM 2504



RTI is a NELAC, DoD ELAP and A2LA accredited laboratory, compliant with ISO 17025:2005 and QSM 5.0. Analytical procedures in accordance with EPA, Standard Methods, SW-846 and ASTM approved methodology. Electronic data deliverables include ADR.Net, SEDD 2a, EQuIS and ERPIMS. Custom electronic deliverables with data populated automatically in the client's EDD template are available.

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