

Environmental Services

Applications

Our environmental laboratories utilize EPA, Standard Methods, and other industry test procedures and methods in accordance with both state and federal legislation.

- Detailed Soil, Wastewater, and Drinking Water analysis
- Contaminated site testing
- Drilling waste services
- Research and Development
- Method Development

Inorganic Chemistry

We are accredited for a vast array of inorganic parameters for the analysis of soils, sludges, drinking water, groundwater, mine tailings/effluent testing and landfill analysis. Some of our Inorganic capabilities include:

- Total and Dissolved Metals in Drinking Water, Wastewater, Soil, and Leachates
- Phenols
- Anions (Cl, F, NO₃, NO₂, SO₄)
- Cations (Na, K, Ca, Mg)
- Ammonia
- TCLP
- Total Organic and Dissolved Organic Carbon

Organic Chemistry

We provide high quality trace organic data to meet state and federal guidelines. Through advances in methodology and with a team of experienced scientists we are able to meet the low-level detections of compounds. Some of these compounds include:

- PFAS – EPA 533, EPA 537.1, and EPA 1633
- Volatile Organic Compounds (VOCs)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Petroleum Hydrocarbons, Diesel and Oil Ranges

Microbiology

AGAT Laboratories has fully accredited microbiology laboratories to detect dangerous bacteria under strict quality assurance conditions.

- E.coli and Total Coliforms

Accreditation

- Arizona Department of Health Services (ADHS)
- American Association for Laboratory Accreditation (A2LA)
- ANSI National Accreditation Board (ANAB)
- New York State Department of Health (NYSDOH)

AGAT Laboratories is accredited for specific tests to the following standards:

- ISO/IEC 17025
- The NELAC Institute (TNI)- National Environmental Laboratory Accreditation Program (NELAP) Standard for Laboratories Volume 1