



# SRC Environmental Analytical Laboratories Services for Environmental Protection

SRC Environmental Analytical Laboratories serves a large number of clients in industry, mining, consulting and government. Environmental sample analysis is provided for special assessments and routine monitoring programs. The laboratory handles samples such as water, soil, sediment, biological tissue, vegetation, air filters and other media. Industry sectors we serve, include:

- ▶ Mining
- ▶ Oil and Gas
- ▶ Forestry and Agriculture
- ▶ Manufacturing

## **We assist clients with all aspects of their environmental monitoring programs, including**

- ▶ Routine regulatory analysis
- ▶ Baseline studies for environmental impact assessments
- ▶ Industrial effluents
- ▶ Aquatic toxicity testing

- ▶ Sewage lagoons
- ▶ Hazardous waste classification

## **Contaminated Site Remediation**

- ▶ Environmental Site Assessments
- ▶ Radioactive contamination
- ▶ Petroleum contaminated sites
- ▶ Polychlorinated Biphenyls (PCBs), transformer oil storage sites
- ▶ Pesticide/herbicide storage locations, such as warehouses and landfills
- ▶ Landfill characterization and waste disposal

## **Naturally Occurring Radioactive Materials (NORMs)**

- ▶ Pipeline scales and residues
- ▶ Petroleum waste materials
- ▶ Fertilizer plants



## Air Quality

- ▶ Industrial air monitoring (workplace contaminants)
- ▶ Canisters, air bags and sorbent tubes
- ▶ Lead in paint and dust
- ▶ High-volume air filters for metals and radionuclides
- ▶ Organic vapours-paint solvents, gasoline fumes
- ▶ Radon

## Testing capabilities include:

- ▶ Heavy metals
- ▶ Leachable metals and leachable benzene (TCLP Leach)
- ▶ Salinity
- ▶ Organic halogens
- ▶ NORMs
- ▶ Radioactivity and radionuclides
- ▶ Uranium/progenies equilibrium studies
- ▶ Leaching studies in mine tailings
- ▶ Radon emanation measurements
- ▶ Herbicides and pesticides
- ▶ PCBs
- ▶ Petroleum hydrocarbons
- ▶ Volatile Organic Compounds (VOCs)

