



Analytical Laboratories: Environmental Bioassay Laboratory

Our Mission: To provide quality driven, cost competitive Environmental, Bioassay and Industrial Hygiene analytical services in a timely manner while meeting the needs of current and future Savannah River Site missions and for other customers. The Environmental Bioassay Laboratory (EBL) specializes in high volume sample loads (average of 42,000 samples/121,000 determinations per year) and rapid Turn Around Times (TAT) for analyses.

| Accreditations and Certifications | | | | | | | | | |
|---|--|---|---|---|--|----------------------|-----------------------------------|-------------|--------------|
| Radiological Processing (Environmental Levels) | Tritium | Gross AB | Gamma Spec | Sr-89/90 (Sr-90) | Alpha Suites (Am, Np, Pu, U, Th, Cm Series) | Tc-99 | I-129 | C-14 | Ni-63 |
| | Water, silica gel, vegetation, foodstuff | Water, air filter, rain ion column, vegetation, foodstuff, sediment, soil, concrete | Water, air filter, rain ion column, vegetation, foodstuff, sediment, soil | Water, air filter, rain ion column, vegetation, foodstuff, sediment, soil | Water, air filter, vegetation, foodstuff, sediment, soil | Water | Water, air filter, sediment, soil | Water | Water |
| DOELAP Certified | Tritium | Sr-90 | Alpha Suites (Am, Np, Pu, U, Th, Cm Series) | Gamma Spec | | | | | |
| | Urine | Urine, fecal | Urine, fecal | Urine | | | | | |
| SCDHEC Certified | TSS | pH | Conductivity | Volatile Organics | ICP-ES Metals | ICP-MS Metals | Mercury | | |
| | Water | Water | Water | Water | Water | Water | Water | | |
| AIHA Certified | Bulk Asbestos | Air Asbestos | Gravimetrics | Ion Chromatography | ICP-ES Metals | Hexavalent Cr | | | |
| | Various | Filters | Filters | Filters | Air filter, swipe, various | Air filter | | | |

SCDHEC: South Carolina Department of Health and Environmental Control AIHA: American Industrial Hygiene Association Foodstuff includes fruit, greens, beef, fish, milk, deer, hog, and crops.

For all your EBL analytical laboratory needs, please contact:

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