

# Radioactive & Mixed Waste Laboratory Support

TestAmerica is a major provider of radioactive and mixed waste analytical services to the Department of Energy (DOE), Department of Defense (DOD), engineering and consulting firms, and the power industry. Our laboratories have analyzed tens of thousands of samples from routine monitoring programs, decommissioning projects, site investigations, waste characterizations and radiobioassay programs. Our decades of experience has allowed us to build extensive knowledge in the following analytical programs:

- Waste Characterization & Low Level Mixed Waste Disposal
- Environmental Monitoring
- Drinking Water Testing
- Wastewater Testing
- Air Monitoring
- Site Characterization/ Decommissioning
- Remedial Investigations/ Feasibility Studies
- Remediation

## Mixed Waste Testing Services

TestAmerica teams with clients to address some of the most significant environmental radiochemistry and mixed waste (RMW) issues. We offer the broadest range of capabilities, and the largest sample capacity in the environmental testing industry. A full suite of procedures is available from standard regulatory series such as EPA, SW-846 and ASTM, as well as cutting edge technologies from DOE-EML and Eichrom. Our wide range of chemistry testing services include:

- General Chemistry
- Metals
- Dioxins and Furans
- Organic Analyses
- Air Toxics
- Specialty Analyses

For more information, or to contact a local TestAmerica representative nearest you, please visit our website at [www.testamericainc.com](http://www.testamericainc.com)

## Radiochemistry

TestAmerica's chemists are experts in dealing with the full scope of environmental media, including water, soil, sediment, concrete and building debris, vegetation and animal tissue, airborne particulates and food products. TestAmerica offers a comprehensive list of both naturally occurring and technologically enhanced radioisotopes, including:

- Am-241,-243
- Cm, Isotopic
- Gross Beta
- Pb-210
- Pu, Isotopic
- Rn
- Th, Isotopic
- C-14
- Gamma Scan
- I-129,-131
- Np-237
- Po-210
- Sr-89,-90
- Tritium
- Cl-36
- Gross Alpha
- Fe-55
- Ni-59,-63
- Ra-226,-228
- Tc-99
- U, Total & Isotopic

## Radiobioassay

For more than 40 years, TestAmerica has provided bioassay analyses for worker protection and health monitoring programs. We routinely monitor urine, fecal and other biological matrices for our clients' programs. The knowledge and experience of our staff ensures compliance with the performance standards for bias, precision, MDA and quality assurance requirements. Capabilities include:

- Am-241
- Pu, Isotopic
- Tritium
- Be
- Sr, Total
- U, Total
- Np-237
- Th, Isotopic
- U, Isotopic

# Comprehensive Regulatory Support

## Licensing and Certifications

TestAmerica's laboratories each maintain Radioactive Materials Handling Licenses from either the NRC or their authorized state. Each laboratory also holds a number of state and other regulatory agency certifications, ensuring comprehensive certification coverage.

- NRC and/or State Radioactive Materials Licenses
- NELAP and State Certifications
- Department of Defense ELAP
- Department of Energy Consolidated Audit Program (DOECAP)
- DOELAP accreditation
- USDA Soil Import Permits

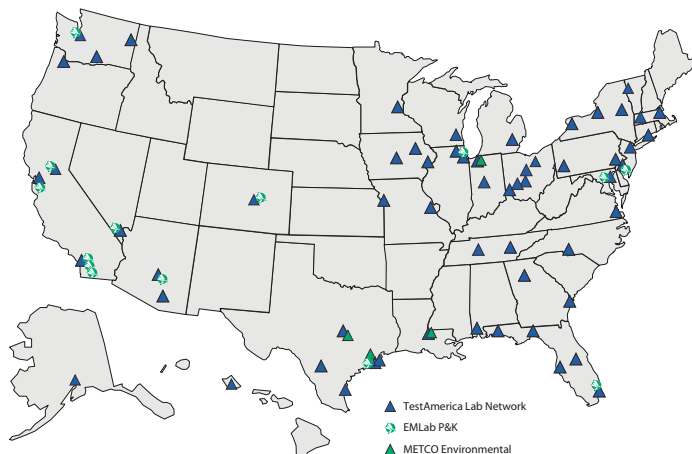
## TestAmerica Offers 24/7 Access to Data

TotalAccess® is TestAmerica's 24/7, online data delivery solution, allowing clients to track all aspects of their environmental data programs. Offered as a value added service to all of our clients, TotalAccess® includes the following time and cost saving features:

- Rapid access to data for real time decision making
- Customizable EDD creation
- Data trending capabilities by sample and analyte
- Project status updates
- Downloadable project documentation
- Customizable displays and single click downloads to Excel
- Consolidation of multiple sample events into one EDD report
- Comparison of sample results to preloaded regulatory standards

## Logistical Support

TestAmerica's strategically located network of over 80 locations is available to provide the logistical support and service required for sampling events across the country. Working directly with our two radiochemistry labs in St. Louis, MO and Richland, WA, our network can provide sampling supplies and shipping support.



**TestAmerica St. Louis**  
13715 Rider Trail North  
Earth City, MO 63045  
Phone: 314.298.8566

**TestAmerica Richland**  
2800 George Washington Way  
Richland, WA 99354  
Phone: 509.375.3131

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

**Supporting the Quality You Demand,  
the Consistency You Seek and the  
Value You Expect.**

www.testamericainc.com  
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