

RadioChemistry Testing Services

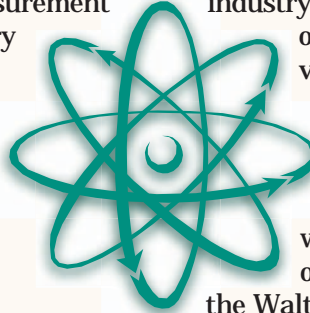
Pace Analytical's Waltz Mill Radiochemistry Lab is located near Pittsburgh Pennsylvania. The laboratory's primary mission is to provide the regulated community with accurate identification and measurement of radioactive isotopes. The laboratory also has capabilities to test for chemical contaminants of interest to the nuclear power and nuclear services industries.

The lab successfully supports site investigations, Drinking Water Compliance, NPDES permit applications, remediation and decommissioning projects, and nuclear site monitoring projects including measurements on

groundwater, air and biota.

The Waltz Mill Site's NRC SNM770 materials license, with its substantial possession limits, allows us to assist the nuclear energy industry with high-radioactivity measurements of CRUD, Charpy samples, and in-vessel/ex-vessel dosimetry.

From low-level drinking water samples to high-level irradiated power plant material; from environmental media to nuclear waste; whether it's radioactivity measurements or a wide array of chemical analyses, the Waltz Mill Laboratory, together with a nationwide network of other Pace Analytical labs, has a service to meet your needs.



Services

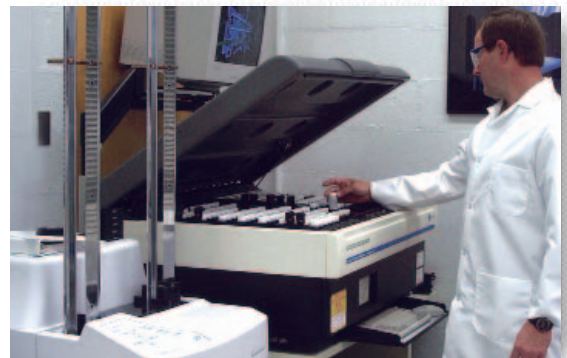
- Site Characterization/Decommissioning
- Waste Characterization - Envirocare of Utah
- Power Plants, CRUD, Charpy Analysis
- In-Vessel & Ex-Vessel Dosimetry
- Radiobioassay - Personnel Protection
- Environmental Monitoring
- Mixed Waste Characterization
- Remedial Investigations/Feasibility (RI/FS)
- Remediation
- Wastewater Testing - 40CFR Part 136; NPDES
- Drinking Water Testing - 40CFR Part 141

Test Capabilities

- Gas Flow Proportional Counting
 - Gross alpha/beta, Sr-90, Ra-228
- Liquid Scintillation Counting
 - H-3, C-14, Fe-55, Ni-63, Tc-99, Pu-241
- Alpha Spectroscopy
 - Pu-238-239/240-242, Am-241, Th-228-230-232, U-234-235-238, Cm-242-243/244
- Gamma Spectroscopy
 - Co-58-60, Cs-137, I-129, K-40 and numerous other gamma emitters

Qualifications / Credentials

- NRC Materials License SNM-770
- Utah DOH Certified #ANTE2
- Westinghouse, Qualified Supplier - 10 CFR Part 50 App. B; NQA - 1
- USDA License for quarantined soil
- Participant - DOE, Environmental Measurements Lab, QA Program, Proficiency Testing, Lab Code WE
- Participant - Department of Energy, Mixed Analyte Performance Evaluation Program, Lab Code WEST04
- NELAP Accredited



In the countroom - A scientist at Pace Analytical's Waltz Mill laboratory prepares a sample for beta particle Liquid Scintillation Counting

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The Right Solution*®

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For more information about Pace Analytical's RadioChemistry services call (724) 722-5407