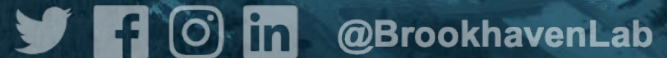




TAKE FIVE for Safety Earth Day and Environmental Protection

Frank Craner

April 22, 2025



(Remaining) Brookhaven Lab Earth Day Activities

- Nature Journaling Session
 - 4/23, noon – 12:45 p.m., Gazebo on Brookhaven Avenue
- Outdoor Yoga
 - 4/24, noon - 12:45 p.m., Brookhaven Square Park
- Architectural Walking Tour
 - 4/29, noon - 1 p.m.
- Birding Tour
 - 4/30, noon - 1 p.m.

For More Information, see [BNL | Earth Day](#)

Environmental, Safety, Security, and Health Policy

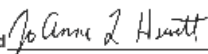


Brookhaven National Laboratory (BNL) is a world leader in scientific research and performs this work in an environmentally responsible and safe manner.

Every employee, contractor, and guest is expected to take personal responsibility for adhering to the following principles:

| | |
|------------------------------|--|
| Environment | We protect the environment, conserve resources, and implement sustainable business practices that protect our future. |
| Safety | We maintain a safe workplace. We plan our work and perform it safely. We take responsibility for the safety of ourselves, coworkers, and guests. |
| Security | We protect people, property, information, computing systems, and facilities. |
| Health | We protect human health within our boundaries and in the surrounding community. |
| Compliance | We achieve and maintain compliance with applicable ESSH requirements. |
| Community | We maintain open, proactive, and constructive relationships with our employees, neighbors, regulators, the U.S. Department of Energy, and other stakeholders including historically marginalized, disadvantaged communities. |
| Continual Improvement | We continually improve ESSH performance. |

In addition to my annual review of Brookhaven Lab's progress on ESSH goals and adherence to this policy, I invite all interested parties to provide me with input on our performance relative to this policy, and the policy itself.

Signed 
JoAnne Hewett, Director

December 5, 2023



Environmental Protection at BNL

- The Laboratory must comply with more than 100 sets of federal, state, and local environmental regulations; numerous site-specific permits; 11 equivalency permits for the operation of groundwater remediation systems; and several other binding agreements
 - Examples: Title V Permit, SPDES Wastewater Permit, NESHAPS Permits, RCRA Waste Requirements.
- BNL has an extensive program in place to ensure compliance with all applicable regulatory and permit requirements.
- View the BNL Annual Site Environmental Report for details.

C-AD FY2025 Environmental Goals

- Address all Opportunities for Improvement (OFIs) from the 2024 Common Cause Analysis of Tritiated Water Releases.
- Identify and Pursue opportunities for recycling bulk items and large stocks of materials.
- Assess Uninterruptable Power Supply use in C-AD for energy efficiency.
- Progress on Removal of Vermiculite from C-AD facilities.
- Pursue opportunities to install Variable Frequency Drives in water systems to save energy.
- Evaluate and Pursue Achievable BLIP Emissions Reduction Concepts.

Ways Everyone Can Help C-AD and BNL Meet Environmental Goals

- Maintain awareness of BNL's ES&H Policy, environmental impact of your work, and apply pollution prevention and waste minimization techniques.
- Identify potential environmental hazards and concerns, in work or at work site, implement or suggest controls to minimize risk, and provide feedback for improvement, as appropriate.
- Report Unexpected spills by calling 911 or x2222 from any internal phone.

Practical Ways to Prevent Pollution at BNL

- Choose less-hazardous materials (cleaners, solvents, adhesives, paints, etc)
- Recycle Materials and choose recycled materials
- Segregate wastes to reduce the volume of Hazardous, Radioactive, Mixed Waste etc.
- Maintain equipment to minimize leaks