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**For Immediate Release**

## Environmental students get first-hand look at technology in action

*“Over the last few years, SRNL personnel have interacted with the students and professors participating in South Carolina State University’s Field Station summer program. While we present information in the classroom, we also take the students to the field where they can see, and when possible, participate in applied research activities. I believe this program provides a valuable opportunity for both the students and our researchers to learn from each other.” - Karen Vangelas, SRNL*

Students participating in the Savannah River Environmental Sciences Field Station (SRESFS) recently got a first-hand look at technologies for cleaning up the environment, along with some of the Savannah River Site’s most innovative cleanup projects.

The SRESFS is managed by South Carolina State University, with funding from DOE, the USDA Forest Service - Savannah River and Natural Resources Conservation Service, and the Walmart State Giving Program. The program offers undergraduate and graduate students from 29 SRESFS member institutions unique internship opportunities that integrate environmental science course instruction with exposure to DOE/SRNL field work, laboratories and applied research projects.



*The Savannah River Site is owned by the U.S. Department of Energy and is managed and operated by Savannah River Nuclear Solutions, LLC.*

A group of professionals from the SRNL Center for Sustainable Groundwater and Soil Solutions introduced the students to several SRNL-developed technologies that exemplify the concept of sustainable cleanup: BaroBall™, MicroBlower™ and MicroCED. All three technologies use natural forces, like barometric pressure or naturally occurring microorganisms, and work without requiring day-to-day hands-on involvement.

After discussion with the researchers, the students took a field tour of the P Area remediation site, where they could see for themselves how these technologies are being implemented in a complementary manner to clean up a chlorinated solvent source and plume at SRS.

In addition, the participants toured D Area to observe two ongoing Early Actions funded by ARRA: the D Area Coal Pile Runoff Basin/D-006 Outfall/Waste Oil Facility consolidation and vegetative soil cover and the Thermal Detritiation at the Moderator Processing Facility Subunit. ARRA funding accelerated the D Area remediation by six years. The SRESFS seeks to increase the recruitment and retention of underrepresented students and women in science, engineering, natural resources management and environmental career professions, many of whom are students at Historically Black Colleges and Universities.

Savannah River Nuclear Solutions, LLC, is a Fluor Partnership comprised of Fluor, Newport News Nuclear and Honeywell, responsible for the management and operations of the Department of Energy's Savannah River Site, including the Savannah River National Laboratory, located near Aiken, South Carolina.

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