



Office of Legacy Management  
U.S. Department of Energy



# Program Update

July – September 2005

Welcome to the July – September 2005 issue of the U.S. Department of Energy (DOE)  
Office of Legacy Management (LM) Program Update.

*This publication is designed to provide a status of activities within LM.*

In this issue of the Program Update, we are highlighting the selection of a Deputy Director for LM and a Director for the Office of Land and Site Management, budget status, the release of the environmental justice report that chronicles DOE's environmental justice activities over the past ten years, LM's participation in the Environmental Protection Agency's (EPA) panel presentation entitled *Capacity Building for Environmental Cleanup for Smart Growth*, a \$2 million grant awarded to Historically Black Colleges & Universities (HBCU) for their participation in LM's Massie Chairs Program and selected site activities.

## Rocky Flats Freedom of Information Act and Privacy Act Requests

Effective November 21, 2005, all Freedom of Information and Privacy Act requests for Rocky Flats should be sent to the attention of Marian Wilcox, Environmental Management (EM) Consolidated Business Center Processing Center:

U.S. Department of Energy  
EM Consolidated Business Center  
250 East 5th Street, Suite 500  
Cincinnati, OH 45202

Requests can also be submitted by email:  
[Marian.Wilcox@emcbc.doe.gov](mailto:Marian.Wilcox@emcbc.doe.gov)

## Dave Geiser Named Deputy Director of Office of Legacy Management

Dave Geiser brings 20 years of federal service to his assignment as Deputy Director, Office of Legacy Management. Dave started his federal career as

a nuclear-trained submarine officer onboard the U.S.S. Daniel Webster and continued his naval service on shore as the executive assistant to the Admiral in charge of the Naval Sea Service Command's Submarine Directorate. In 1991, Dave joined the U.S. Department of Energy in the newly established Office of Environmental Management and worked on international programs, high-level waste research and development, and the integration of science and technology with environmental cleanup work. In 2001, Dave assumed leadership for the Department's long-term stewardship office and worked to establish LM. Dave has been working in LM since standup in December 2003. He has a degree in Chemical Engineering from Cornell University and a Master of Engineering Administration from The George Washington University.

## Ray Plieness Selected To Serve as Director of Office of Land and Site Management

Ray M. Plieness has been selected to serve as the Director for the Office of Land and Site Management, LM-50, and appointed to be the lead transition site coordinator for the LM site transition teams. Mr. Plieness has over 25 years of experience in engineering and project management that has included the construction of a hospital, numerous environmental remediation projects, as well as water resource delivery and storage systems. Prior to the creation of LM, Ray served as a project manager, team leader and the Deputy Manager for DOE's Grand Junction office. His first assignment with LM was to serve as the LM site transition coordinator for the Rocky Flats, Colorado, Environmental Technology Site. Since 1995, he has been a key player in the development of the Department's Long-Term Surveillance and Maintenance Program.

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Ray graduated with a Bachelor of Science degree in civil engineering from Montana State University.

## Budget Status

LM is under a continuing resolution (CR) until the appropriation bill for FY 2006 has been passed by Congress. The terms of the current CR are to allow a proportionate share (based upon the number of days of the CR compared against the entire fiscal year) of the lowest of the FY 2006 request, the FY 2005 appropriation, the House Markup, and the Senate Markup.

## LM Issues Environmental Justice Report

LM has issued a report that chronicles DOE environmental justice activities over the past ten years. The report, *Environmental Justice at the Department of Energy — A Decade of Progress*, examines the

Executive Order on Environmental Justice along with the DOE strategy for implementing the order. DOE realizes that environmental justice encompasses a myriad of environmental issues facing local communities: toxic site cleanup, lead abatement, asthma rate reduction as well as community and economic development. However, the scope of the environmental issues is beyond the capacity of any single agency.

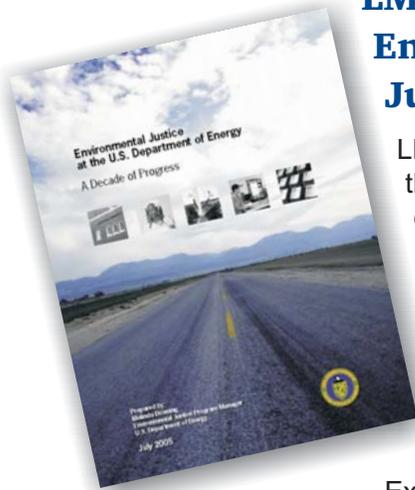
Consequently, the DOE approach has been to establish, join and support partnerships that enable the full range of environmental issues confronting communities to be addressed in a comprehensive, holistic manner. The result: environmental problems in minority and disadvantaged communities can be addressed in a comprehensive, holistic, and integrated manner, while empowering those communities to be key players in the decision-making process. The report gives a detailed account of

DOE's work with various entities such as the Federal Interagency Working Group on Environmental Justice, the Congressional Black Caucus, the National Conference of Black Mayors, the Small Town Alliance, the Medical University of South Carolina, and Citizens For Environmental Justice. The report notes that often, communities, particularly small towns, rural areas, minority and low-income communities, are limited in their ability to participate in decisions relating to the environment due to the lack of access to information, technology, expertise and decision-makers. DOE's environmental justice approach has promoted extensive programs to build the capacity of these communities to participate effectively in the environmental decisions that impact their community. The report can be found at

[http://www.lm.doe.gov/env\\_justice/decade.pdf](http://www.lm.doe.gov/env_justice/decade.pdf).

## Success of DOE Environmental Justice Program Highlighted at EPA's 2005 Community Involvement Conference and Training

On July 12th in Buffalo, New York, the Department's Environmental Justice Program, along with the Small Town Alliance and the Citizens for Environmental Justice, conducted a panel presentation entitled *Capacity Building for Environmental Cleanup for Smart Growth*. Through its Environmental Justice Program, the Department supports small town capacity building with computers, training, technical assistance, inter-agency collaborations, workshops and conferences. Target areas for this support are the small towns and communities adjacent to DOE facilities and others of interest to the DOE Dr. Samuel P. Massie Chairs and HBCU that work with DOE on various matters. DOE's capacity building activities are designed in association with local communities to yield efficient management, sustainable development and smart growth. The presentation included a discussion of the DOE environmental justice program and successful work done in the Savannah River Site area and Augusta, Georgia.





## HBCU Receives \$2 Million Grant for Participation in LM Program

The National Nuclear Security Administration (NNSA) awarded \$2 million in grants to the Historically Black Colleges & Universities for participating in the Office of Legacy Management's Massie Chairs Program. These universities will assist NNSA in the areas of Graduate Feeder Programs, Research Programs/Projects and other areas based upon NNSA mission needs and priorities.

## Pinellas Plant Community Reuse Organization Receives \$1.2 Million Grant

On September 22, 2005, DOE awarded a \$1.2 million grant to the Pinellas Community Reuse Organization (CRO) for administrative expenses and two projects. The first project, will consist of cooling tower replacement, a critical component of the CRO's centralized chilled water generating system. The second project, Suncoast Technology Accelerator Incubator, will be used to continue to help startup companies in the Tampa Bay region.

DOE and the Pinellas CRO have created or retained more than 3,190 jobs in the region.

*Young - Rainey  
STAR Center  
(formerly  
Pinellas Plant)  
Largo, Florida*



## Site Highlights



### **Pinellas Site (Florida)**

The Northeast Site Non-Aqueous Phase Liquids (NAPL) Area B Operations Readiness Review was conducted and groundwater extraction and treatment opera-

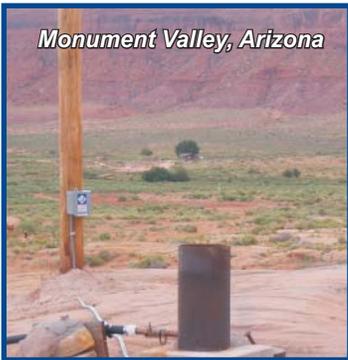
tions for NAPL Area B began during this quarter. ElectroThermal-Dynamic Stripping Process technology is being employed in Area B to heat the subsurface through electrical resistive heating, in-situ steam generation and convective heat transfer. Liquid and vapor components of the contaminants are treated at the surface. The treatment phase of the project is expected to last through the end of February 2006.

### **Monticello Site (Utah)**

A new treatment cell, which contains zero-valent iron, was constructed to enhance the treatment capabilities of the existing

permeable reactive barrier (PRB) and to reduce groundwater mounding upgradient of the PRB. The cell has been effective in removing the major contaminants of concern from the groundwater. As of the end of September, the new system has treated over 230,000 gallons of contaminated groundwater.





*Monument Valley, Arizona*

### **Monument Valley Site (Arizona)**

The infrastructure construction for the Land Forum Pilot Study groundwater treatment was initiated during this quarter. Approximately 8,000 seedlings were planted in a greenhouse to support the phytoremediation work planned for this site.

### **Site Inspections and Maintenance Activities**

LM conducted long-term surveillance and maintenance activities for 15 sites during the 4Q to meet the LM performance measure to evaluate the effectiveness of cleanup remedies through surveillance and maintenance activities at a total of 67 sites for FY 2005.

### **LM Environmental Management System Implementation**

Per the DOE EH Quarterly EMS Status Report, the Legacy Management implementation of DOE Order 450.1, *Environmental Protection Program*, which flowed from the Executive Order 13148, *Greening the Government Through Environmental Management*, is one of few program offices/sites to be ahead of schedule. The DOE Order requires that each site complete implementation of an Environmental Management System by December 31, 2005. The implementation effort at Legacy Management has been completed and reported in a memo to the Under Secretary for Energy, Science, and Environment, Mr. David K. Garman, dated October 13, 2005, ahead of the requirement.

### **Canonsburg Site (Pennsylvania)**

A large quantity of debris was removed along the stream (near the disposal cell), the stream bank was recontoured, and disturbed areas were reseeded as part of the maintenance activities for the site.



*Canonsburg, Pennsylvania*



*Shiprock, New Mexico*

### **Shiprock Site (New Mexico)**

The phytoremediation plantings in the borrow pit area were completed. This is a cost-effective method to increase groundwater cleanup in a small low-lying

area at the site. In addition, construction activities needed to expand the existing remediation system were done. This is part of a program to increase the extraction capacity of the system, which is planned for the spring 2006.



## Office of Legacy Management Program Update

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City, State, and Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_

Fax Number \_\_\_\_\_

Email Address \_\_\_\_\_

### Documents Requested

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2. \_\_\_\_\_

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5. \_\_\_\_\_

#### Fax or Mail to:

Ms. Sheila G. Dillard  
U.S. Department of Energy  
Office of Legacy Management  
LM-5/FORS  
1000 Independence Avenue, SW  
Washington, DC 20585  
Fax: (202) 586-1540

#### or Email Your Information to:

LM@hq.doe.gov

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