



# Program Update

## January–March 2011

Welcome to the January–March 2011 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. Please direct all comments and inquiries to [lm@hq.doe.gov](mailto:lm@hq.doe.gov).



The Ocean Pioneer at its dock in Seattle, Washington.

### Goal 1

## 2011 Sampling near Amchitka Island

Contracts were recently awarded to two charter vessels that will transport equipment and personnel to the island of Amchitka, Alaska, for the 2011 biological sampling and post-inspection monitoring expeditions. Amchitka is a remote island in the western Aleutian Islands, approximately 1,600 miles southwest of Anchorage, Alaska, where three underground nuclear tests, Projects Long Shot, Milrow, and Cannikin, were conducted by the United States Atomic Energy Commission and Defense Department during the 1960s and early 1970s.

The two vessels were selected in a competitive bidding process that evaluated the technical proposals from a number of vendors before the winning proposals were selected using a best-value procurement method. One of the vessels, the *Ocean Pioneer* will be used as a platform for transporting equipment and personnel to Amchitka to assess the performance of earthen covers used to stabilize petroleum-contaminated drill cuttings, to evaluate the integrity of monitoring wells and test holes remaining on the island, and to assess whether the eggs of nesting birds contain radioactive contamination.

The 205-foot *Ocean Pioneer* will also be used to access offshore locations along the Bering Sea side of Amchitka to collect seawater samples off the bottom of the ocean where groundwater from the island is believed to discharge into the marine environment. These seawater samples will be analyzed for tritium, a mobile chemical in groundwater, which could discharge into the marine environment at some future time. “Our stakeholders are particularly interested in the movement of groundwater on Amchitka; consequently, we are focusing our sampling strategy to look for tritium at the bottom of the ocean, particularly along known geologic fault traces, because the faults might be acting as

### Legacy Management Goals

- Goal 1.** Protect human health and the environment
- Goal 2.** Preserve, protect, and share records and information
- Goal 3.** Meet commitments to the contractor work force
- Goal 4.** Optimize the use of land and assets
- Goal 5.** Sustain management excellence

### Inside this Update:

- Amchitka Island Sampling . . . . . 1
- Yucca Mountain Project . . . . . 2
- 2011 Waste Management Conference . . . . . 3
- BioBlitz at Fernald Preserve . . . . . 4
- The CIA of LM . . . . . 5
- FY 2012 Budget Request . . . . . 6
- LM Supports Contractor Workforce Restructuring . . . . . 6
- New LM Employees . . . . . 7
- Environmental Justice Activities . . . . . 8
- Save the Date . . . . . 9
- Anticipated LM Sites Through FY 2015 . . . 10
- LM Goals and Objectives . . . . . 11

Continued on page 2



## Goal 2

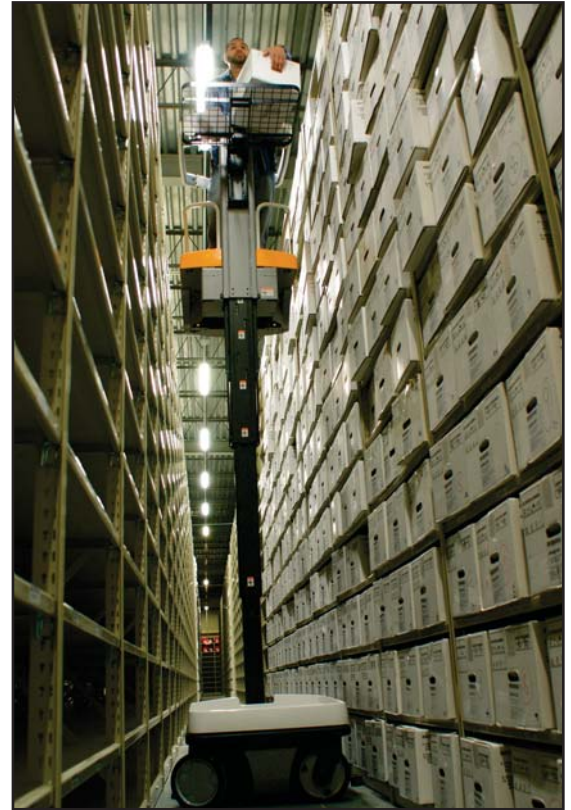
### Yucca Mountain Transition Progress – Records and Information

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) was given the responsibility for Yucca Mountain Project (YMP) records, information systems, and the Licensing Support Network (LSN) with the closure of the DOE Office of Civilian Radioactive Waste Management on October 1, 2010.

LM's commitment to protect, preserve, and share records and information is evidenced in the tremendous progress made on this unique, complex site transition. More than 5,000 cubic feet of boxed Federal records have been received at the Legacy Management Business Center (LMBC) in Morgantown, West Virginia, so far. More than 8,000 cubic feet of additional records are scheduled for shipment to the LMBC, bringing the total YMP holdings to more than 13,200 cubic feet.

The Records Management team continues to process the remaining 350 cubic feet of active YMP records into the electronic Record Information System for long-term storage and ease of search and retrieval.

Continued on page 4



A worker uses a Crown Wave Work Assist Vehicle to shelf records at the LMBC.

Continued from page 1

### 2011 Sampling near Amchitka Island

preferential pathways for groundwater migration,” said Mark Kautsky, LM Project Manager for the Amchitka project.

Another vessel, the *Norseman*, will support diving crews who will collect specimens of marine organisms from the coastal waters of Amchitka and Adak, a reference area approximately 100 miles east of Amchitka. “Our Aleutian stakeholders rely on the organisms that live in these waters as their source of food. The water in this area is also an important resource for commercial fishing. This is why we have a regular monitoring program, to assess the safety of the seafood that might be impacted by radioisotopes from the former nuclear tests,” said Kautsky.

In addition to assessing the safety of the subsistence fishery and the commercial catch, the monitoring program will develop baseline activity concentrations that will support quantitative statistical trending analysis with future sampling results. Sampling conducted in 2016 and beyond will include the objective of assessing the statistical trends of activity concentrations in biota, soil, and ocean water. These sampling activities were developed in conjunction with stakeholders that represent the people of Alaska, including the descendants of indigenous inhabitants of the Aleutian Islands.

The 2011 sampling expedition is scheduled to occur between June 17 and July 27, 2011. ❖



## Goal 1

### Office of Legacy Management Participates in 2011 Waste Management Conference

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) presented eight papers and one poster at the Waste Management Conference in Phoenix, Arizona, February 26 through March 4.

The majority of the LM presentations were part of a panel session titled “Post Closure Challenges and Long-Term Stewardship/Legacy Management.” The session included discussions on topics including disposal cell performance at Weldon Spring, Missouri; monitored natural attenuation, design, and installation

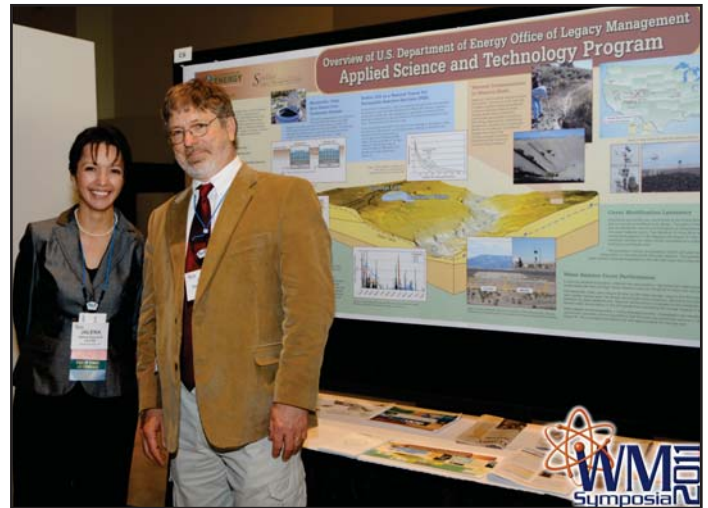
of a disposal cell cover field test; balancing institutional controls and beneficial reuse; and assessing the impacts of the Mercury Export Ban Act of 2008 on the U.S. mercury recycling industry.

In addition, LM presented a poster titled “Overview of U.S. DOE Office of Legacy Management Applied Science and Technology Program.” LM also hosted an exhibit with information about the LM program.

LM distributed USB drives containing program information to conference attendees. ❖



Tony Carter, LM, staffed the LM booth at the conference.



Jalena Dayvault, LM, and Stan Morrison, S.M. Stoller Corporation, prepared a poster on the LM Applied Science and Technology Program.

As environmental stewards, LM is continually seeking opportunities to protect tomorrow’s future. One simple step that LM has taken toward improving environmental consciousness is distributing the *Program Update* newsletter via e-mail instead of sending a printed copy.

Please send your e-mail address and your first and last name to [lm@hq.doe.gov](mailto:lm@hq.doe.gov) so that we can update our database.

Thank you for your assistance.





## Goal 4

### Fernald Preserve to Host Upcoming BioBlitz

The Fernald Preserve in Ohio will host its second BioBlitz on June 10 and 11, 2011. The event will bring a number of local and regional subject matter experts to Fernald to expand upon the site's biological database. The 2009 BioBlitz resulted in the identification of 344 species, including nine new bird species and numerous species of mollusks.

A BioBlitz is an event in which subject matter experts team with students, scouts, interested community members, and other volunteers to find and identify as many site plants and animals as possible in a 24-hour period. The BioBlitz is an excellent way for the community to discover the biodiversity at the Fernald Preserve and to better understand the need for environmental preservation and conservation. All participants will be given the opportunity to engage in hands-on field research with individuals who are recognized experts in their respective fields. Species to be surveyed during the BioBlitz include butterflies and moths, vascular plants, birds, reptiles, amphibians, dragonflies, and mammals.

With nearly 24,000 visitors since its opening, the Fernald Preserve Visitors Center continues to grow in stature as a community asset for the Ohio, Kentucky, and Indiana tri-state region. A series of family-oriented nature programs have drawn large numbers of



*A professor from the University of Cincinnati and 8 students from a local high school's honors biology class documented 14 different butterfly species at the 2009 BioBlitz at the Fernald Preserve.*

people to the Visitors Center. A New Year's Eve hike and a January full-moon walk attracted nearly 100 participants and a February program on owls drew 160 area residents to the Visitors Center. Upcoming programs and activities include a water celebration in April and a bird migration event in May. ❖



Continued from page 2

### **Yucca Mountain Transition Progress – Records and Information**

LM's Information Technology team is executing a plan to archive, back-up, and store more than 20 YMP information systems in order to preserve the science for future research efforts.

Additionally, LM has successfully processed nearly 40 record and information requests for various stakeholders since assuming responsibility for the YMP; many were delivered to customers within 24 to 48 hours.

LM also maintains and operates the LSN public website in support of the original license application for Yucca Mountain. The LSN contains 13.8 million pages of information. ❖

*YMP holdings at the LMBC total more than 13,200 cubic feet.*



## Goal 2

### The CIA of LM

#### ***Protecting the Confidentiality, Integrity, and Availability of Legacy Management Mission-Critical Information Resources***

The U.S. Department of Energy (Department or DOE) Office of Legacy Management (LM) is required to implement the requirements of the Office of the Under Secretary of Energy Program Cyber Security Plan. In addition, LM is addressing current and emerging guidance from the Office of Management and Budget, DOE, and the Under Secretary of Energy. The LM Cyber Security (CS) Team helps research, implement, and support activities to protect and ensure the confidentiality, integrity, and availability (CIA) of mission information resources.

The CS Team's goal is to protect records, information, technology assets, and users who support LM's mission. Protecting the CIA of LM records is imperative. The CS Team protects data and users through multiple initiatives:

#### ***Encryption of Sensitive Data During Transmission***

LM implements numerous solutions to protect users' personally identifiable information (PII), such as social security numbers, bank account numbers, etc., and other sensitive information through Entrust, a security solutions company; encrypted USB drives; and laptop encryption.

#### ***Protection of PII***

The LM Team, in conjunction with the Department's Privacy Office, has supported initiatives to identify electronic storage of PII and subsequently remove or protect that information. LM staff are aware of, and take, appropriate measures to help prevent the loss of employees' sensitive data.

#### ***E-Mail Protection and Filtering***

LM has installed e-mail protection measures to help prevent the ingress of potentially harmful spoofed e-mails and block electronic spam. Spoofed e-mails and spam constitute a significant portion of all incoming electronic messages.

#### ***Collaboration with Departmental Initiatives***

The CS Team is actively involved with the development and implementation of numerous DOE initiatives.

#### ***Ensuring Compliance with Federal Regulations***

The CS Team is responsible for implementing the requirements set forth in the Federal Information Security Management Act.

The LM Team is working to ensure the CIA of data to prevent loss from virtual and physical attacks and promote flexibility, transparency, and efficiency in the workplace. ❖

## Grand Junction Office Address Has Changed!

As of February 15, 2011, the Grand Junction, Colorado, U.S. Department of Energy (DOE) office address has changed. There will be a 1-year transition period, during which time the post office will deliver mail to both the old and new addresses.

The new address is: **2597 Legacy Way, Grand Junction, CO 81503**

Legacy Way was chosen to honor DOE's long-standing influence and mission in the Grand Junction area, as well as our nation's military veterans memorialized in the nearby cemetery.



## Goal 5

### FY 2012 Budget Request

On February 14, 2011, the President submitted the FY 2012 budget request to Congress. The U.S. Department of Energy (DOE) Office of Legacy Management's (LM) request totaled \$170.1 million, down from the FY 2010 appropriation of \$190.8 million. This is divided among LM's five goals as follows:

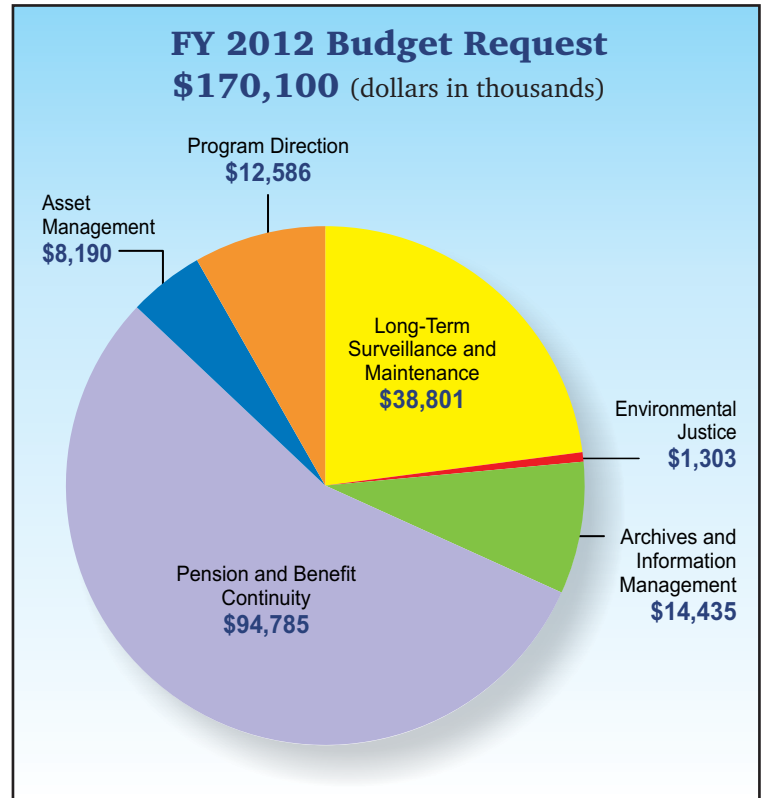
**Goal 1: Protect human health and the environment** – \$40 million, which includes \$1.3 million for the Environmental Justice program.

**Goal 2: Preserve, protect, and share records and information** – \$14 million.

**Goal 3: Meet commitments to the contractor work force** – \$95 million.

**Goal 4: Optimize the use of land and assets** – \$8 million.

The remaining funding of \$13 million is for **Goal 5: Sustain management excellence**, which provides for Federal salaries and benefits, travel, support services, and other related expenses. FY 2012 will begin on October 1, 2011. ❖



(Note: The FY 2011 budget is under a Continuing Resolution until March 18, 2011)

## Goal 3

### Legacy Management Supports Contractor Workforce Restructuring

Pursuant to Section 3161 of the National Defense Authorization Act for Fiscal Year 1993, the U.S. Department of Energy (DOE) Office of Legacy Management (LM) has made \$560,000 available to assist in transition of DOE cleanup contractor employees. The funds will provide for career and outplacement assistance to employees who might be adversely impacted by projects that will be completed by September 2011. The services includes links to job listings; résumé uploading; employment information tailored to site locations; one-on-one counseling for setting career goals and other topics; assistance from experts on résumés, cover letters and job applications, coaching on networking, interviewing, and negotiating job offers; test preparation; and help with managing stress. ❖



### Goal 5

## Office of Legacy Management Welcomes New Employees

**Karen Reed** reported to the Office of Legacy Management (LM) on February 13, 2011. Karen works as LM's Environmental Team Leader for RCRA/CERCLA sites and is located in the Westminster, Colorado, Office.

Karen has a strong record of building and leading multi-disciplinary teams to solve environmental challenges. Her experience as both a regulator and a Federal project manager will make her a great addition to LM.

Karen is committed to civil service and has over 25 years of Federal experience. She has worked for both the U.S. Department of Energy (DOE) and the U.S. Environmental Protection Agency (EPA). Karen's employment with EPA included assignments in Washington, DC; New York City; and Denver, Colorado. Her previous work for DOE was at the Weldon Spring, Missouri, Site as a remedial action project manager. Most recently, Karen served as the unit chief of the Wetlands and Tribal Water Quality Unit for EPA Region 8 in Denver.

Karen has a bachelor of science degree and a master of science (MS) degree from Colorado State University in environmental health. Karen's research for her MS was conducted at Los Alamos National Laboratory. Karen lives in Broomfield, Colorado; is married to Jim Mick; and has two daughters, Lindsay and Hadley.

---

**Kathleen (Kat) MacDonald** joined LM on February 13, 2011, as a program analyst and works on the Benefits Continuity Team. Kat relocated to the Washington, DC, area this past year from San Angelo, Texas. During her time in Texas, she worked as an accountant at the Certified Public Accounting firm Oliver, Rainey & Wojtek, L.L.P., preparing tax, general accounting, and auditing work. She graduated from Angelo State University in San Angelo in 2008 with a bachelor of business administration/master of business administration in accounting.

Kat is also a veteran of the United States Air Force where she worked in finance. She is originally from Buffalo, New York, and is currently residing in Lorton, Virginia, with her husband, Mac, and two cats, Maisy and Patton.

---

**Nicholas (Nick) Keith** joined LM on February 13, 2011, as a management analyst and works with the Planning, Budget, and Acquisition Team. Nick was born in Baltimore and grew up on Maryland's eastern shore. While in high school he enlisted in the U.S. Army and in 2005 and 2006 he was deployed to Iraq. Nick's unit was tasked with providing logistical security for third-country nationals and ran gun trucks throughout Iraq and Kuwait. Nick was an armorer, ammunition specialist, and a gunner throughout the deployment.

After returning home he received a bachelor of science degree in finance from Salisbury University in Maryland. After graduation he took a position with the Maryland Army National Guard, United States Property and Fiscal Office. After a year as an accounting tech, he was asked to move into a Budget and Program Analyst position with the 29th Combat Aviation Battalion (CAB). With the 29th CAB he was the resource manager for government purchase cards, defense travel reviewer, budget analyst, and performed various other duties. He currently lives in Northern Maryland. ❖



## Goal 1

### Environmental Justice Activities

#### Community Leaders Institute – New Ellenton and Jackson, South Carolina

On March 31 through April 2, 2011, a Community Leaders Institute (CLI) sponsored by the Medical University of South Carolina; U.S. Department of Energy; South Carolina State University; Savannah River Solutions; Town of Jackson, South Carolina; City of New Ellenton, South Carolina; and Lower Savannah Council of Governments; will be held in New Ellenton in Aiken County, South Carolina. CLIs help community leaders address environmental and other issues in their communities. Progress requires informed and

active leaders. The purpose of this CLI is to reinforce this principle and to emphasize the unique relationship between environmental protection, human health, environmental justice, and economic development. Sessions include: The Role of Government; Youth Issues in Education; Rural Economic Development; Housing; Transportation and Workforce Initiatives; and Health Disparities/Health Issues. Representatives of Federal, state and local agencies will be invited to bring resources and information. ❖

#### Alaska Forum on the Environment (AFE) in Anchorage, Alaska

The Alaska Forum on the Environment (AFE), in its 13th year, was held February 7 through 11, 2011, in Anchorage, Alaska. The AFE is a statewide gathering, with an increasing presence of representatives from the continental U.S., environmental professionals from government agencies, non-profit and for-profit businesses, community leaders, Alaskan youth, conservationists, biologists, and community elders. It was attended by more than 1,200 people.

The AFE provided an opportunity for state, local, Federal, military, private, and Native leaders and professionals to come together and discuss the latest projects, processes, and issues that affect Alaska. Representatives from the U.S. Department of Energy (DOE), the U.S. Environmental Protection Agency,

and the U.S. Department of Interior were panelists for the Federal Interagency Coordination on Environmental Justice Issues session. DOE and the Medical University of South Carolina (MUSC) gave a presentation on one of DOE'S key environmental justice partnerships, the Community Leaders Institute (CLI). A number of recommendations and considerations were presented to the Federal agencies. In particular, representatives from the Alaska Native villages requested DOE and MUSC conduct a CLI in Alaska.

Sessions were held that specifically addressed environmental concerns in Alaska. There were several sessions that addressed Tribal and Native Alaskan populations. In addition, there were also segments of the conference which involved and promoted Alaska's youth.

The AFE included a listening session for the Alaska Natives to present to the Federal agencies and specific topics during the break-out sessions. Participants in the environmental justice session break-out groups included elders and other Tribal members from Alaska Native villages, community members from across Alaska and elsewhere in the U.S. and Canada, and representatives from state, Tribal, and local agencies and organizations. Federal agency representatives were present at each table to listen and, as needed, to facilitate and take notes for each group.



*A plenary keynote event at the Alaska Forum on the Environment.*

Continued on page 10





### Save the Date

#### ***The State of Environmental Justice in America 2011 Conference – Building the Clean Energy Economy with Equity***

*The State of Environmental Justice in America 2011 Conference*, themed Building the Clean Energy Economy with Equity, will take place April 27 through 29, 2011, at the Washington Marriott at Metro Center, in Washington, DC. The conference will host a number of congressional leaders, government agencies, members of academia, students, not-for-profit and for-profit business leaders, and community leaders. U.S. Congressional Representatives James Clyburn (Democrat, South Carolina) and Donna Christensen (Democrat, U.S. Virgin Islands) and many others have already confirmed their attendance. U.S. Department of Energy employees will not be charged a registration fee and are strongly encouraged to attend.

For additional information, contact Melinda Downing, Environmental Justice Program Manager, at [melinda.downing@hq.doe.gov](mailto:melinda.downing@hq.doe.gov).

---

#### ***Progress Report on the U.S. Department of Energy's Environmental Justice Five-Year Implementation Plan***

The publication of the second annual progress report on the U.S. Department of Energy's (DOE) *Environmental Justice Five-Year Implementation Plan* will be announced by DOE Deputy Secretary, Daniel Poneman, at *The State of Environmental Justice in American 2011 Conference*, which will be held April 27 through 29, 2011. Deputy Secretary Poneman will be the keynote speaker and will open the conference on its first full day, Thursday, April 28, 2011.

---

#### ***First Minority Alternative and Renewable Energy Consortium***

The U.S. Department of Energy (DOE) is sponsoring a Minority-Serving Institutions Alternative Energy Consortium on April 27, 2011, in Washington, DC. A multi-disciplined group of professionals, academics, and community interests will constitute panels for the conference. Potential panel themes include: Research Interests & Collaborations, Faculty Development Opportunities, Student Interests & Opportunities, Green Jobs & Contract Opportunities, and Policy & Planning. The conference will also include a Federal feedback session on response and next steps.

The purpose of the Consortium is to establish a Historically Black Colleges and Universities (HBCU) and other Minority-Serving Institutions (MSI) Consortium on Alternative and Renewable Energy. The sole goal of the Consortium is to increase HBCU and MSI participation in Federal alternative and renewable energy procurement activities, as well as other Federal procurement opportunities. The U.S. Department of Agriculture has joined DOE in this initiative. For additional information, please contact John Rosenthal at [rosenthal@msn.com](mailto:rosenthal@msn.com) or (202) 508-3894.

---

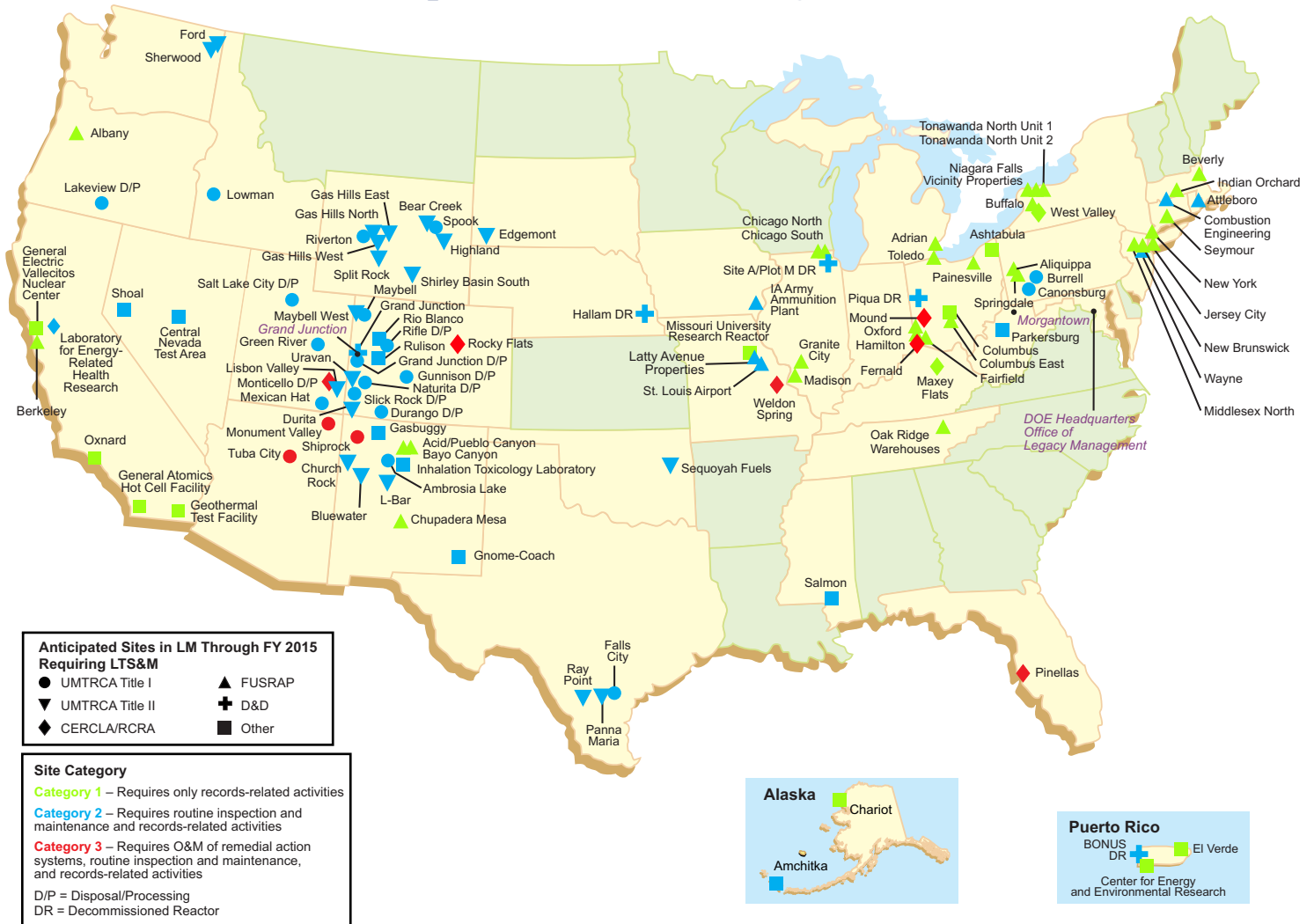
#### ***12th Annual U.S. Department of Energy Small Business Conference & Expo***

May 10–12, 2011, Kansas City, Missouri.

For information visit <http://smallbusinessconference.energy.gov/>. ❖



Anticipated LM Sites Through FY 2015



Continued from page 8

Alaska Forum on the Environment (AFE) in Anchorage, Alaska

DOE Office of Legacy Management (LM) representatives held their annual meeting with LM’s Amchitka stakeholders in coordination with the AFE. LM and contractor S.M. Stoller Corporation project managers hosted a 75-minute session on LM’s biological sampling plan and post-closure inspection plan activities. ❖

Moderator, Sherri White, Special Assistant to the Administrator, U.S. Environmental Protection Agency, listens as panelist Willie Taylor, Director, Office of Environmental Policy and Compliance, Department of Interior, speaks during the Environmental Justice Federal Panel session.





## LM Goals and Objectives



### Goal 1. Protect human health and the environment

*Objectives*

1. Comply with environmental laws and regulations.
2. Reduce health risks and long-term surveillance and maintenance (LTS&M) costs.
3. Partner with other Federal programs to make environmental remedies better and last longer.
4. Oversee DOE implementation of Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*.



### Goal 2. Preserve, protect, and share records and information

*Objectives*

1. Meet public expectations for outreach activities.
2. Protect records and make them accessible.
3. Protect and ensure access to information.



### Goal 3. Meet commitments to the contractor work force

*Objectives*

1. Safeguard contractor pension plans.
2. Fund contractor health and life insurance.
3. Oversee compliance with DOE's work force restructuring policy.



### Goal 4. Optimize the use of land and assets

*Objectives*

1. Optimize public use of Federal lands and properties.
2. Transfer excess government property.
3. Improve domestic uranium mining and milling operations.



### Goal 5. Sustain management excellence

*Objectives*

1. Renew LM's designation as a high performing organization (HPO).
2. Implement LM's *Human Capital Management Plan*.
3. Operate in a sustainable manner and reduce LM's carbon footprint.



U.S. DEPARTMENT OF  
**ENERGY**

Legacy  
Management

1000 Independence Avenue, SW  
Washington, DC 20585



U.S. Department of Energy  
Office of Legacy Management

## Program Update

**Please help reduce mailing costs.** In order to reduce mailing costs, please provide your current contact information, including your e-mail address, so that we may update our files and provide documents and other LM information electronically. To remove your name from the *Program Update* mailing list, send your request to the address or fax number specified below. Thank you.

### LM Public Information Update

Name \_\_\_\_\_  
Organization \_\_\_\_\_  
Position \_\_\_\_\_  
Street Address \_\_\_\_\_  
City, State, and Zip Code \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Fax Number \_\_\_\_\_  
E-Mail Address \_\_\_\_\_

### Documents Requested

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

**Mail:** Ms. Brenda Waters  
U.S. Department of Energy Office of Legacy Management  
1000 Independence Avenue, SW  
Washington, DC 20585

**Fax:** (202) 586-1540  
**E-Mail:** [lm@hq.doe.gov](mailto:lm@hq.doe.gov)