

DOE Office of Legacy Management A Brief History of Time

My apologies to Stephen Hawking...



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Waste Management 2014 • March 3, 2014



U.S. DEPARTMENT OF
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LM was created in December 2003 to provide a long-term solution to legacy sites.

- The groundwork for long term stewardship was established in the 1990s...
 - National Stewardship Workshop in Oak Ridge (1999)
 - State and Tribal Government Working Group *7th Generation* Report (1999)
 - National Environmental Policy Institute - *Rolling Stewardship* Report (1999)
 - EM Site Specific Advisory Board Workshop (2000)
 - National Research Council: *Long Term Institutional Management* Report (2000)
 - DOE *Report to Congress on LTS* (2001)
 - DOE *Long Term Stewardship Study* (2001)
- Reports acknowledged that there would be work required, on an indefinite basis, following completion of “cleanup”.
- Findings generally supported the need for an organization dedicated to managing “post-closure” operations.
- EM Assistant Secretary Roberson drove the creation of LM to enable site closure in the near term and an end point for EM in the long term.



LM stands up, creates mission statement, slogan, and logo (since discontinued), and adopts five goals

■ LM Mission:

- Fulfill the Department's post-closure responsibilities and ensure the future protection of human health and the environment.

■ LM Slogan:

- Managing Today's Change, Protecting Tomorrow's Future

■ LM Goals:

- Protect human health and the environment
- Preserve, protect, and share records and information
- Meet commitments to the contractor workforce
- Optimize the use of land and assets
- Sustain management excellence



Goal 1: protect human health and the environment

- By 2003, DOE had completed cleanup at two dozen former uranium mills and two dozen FUSRAP sites. Cleanup included a variety of environmental remedies (e.g., disposal cells, groundwater treatment systems, and institutional controls).
- EM and LM worked together to implement a transition process and long term stewardship policies as EM completed the cleanup of additional sites.
- Site responsibilities have grown from 33 to 90 including Weldon Spring, Rocky Flats, Fernald, Mound, Pinellas, and the Nevada Off-sites.
- Transitioned from a program centered on former uranium mills to a nationwide capability that included CERCLA, RCRA, and Voluntary Cleanup Agreement sites.
- Developed close working relationships with regulators, local governments, Tribal Nations, and stakeholders interested in post-closure operations.
- Supported benchmarking efforts by government officials from Germany, Japan, and Canada; expertise recognized by the IAEA and NEA.



Goal 1: protect human health and the environment



Goal 2: Preserve, protect, and share records and information

- At inception, site records were located in Federal Record Centers and at DOE sites. In 2009, LM consolidated records and data in a NARA Certified record storage facility in Morgantown, WV in 2009.
- Transitioned 100s of closure site IT systems to LM's enterprise architecture. Preserved the data and made it accessible to the regulators and stakeholders.
- Responded to an increasing # of records requests/year supporting EEOICPA claims, Privacy Act, etc. Converted 400,000+ deteriorating x-rays to digital images.
- In 2011, accepted transfer of 10,000+ ft³ of records and the IT systems (including the LSN) associated with the Yucca Mountain project.
- Early approach to stakeholders was at the local level. LM worked with regulators, local governments, Tribal Nations and the public on an individual site basis.
- Created a National Database in 2004 to share information with broader groups. Today LM has 6000+ stakeholders; LM website receives ~1800 hits/day.
- Operate two visitor centers averaging a combined 35,000 visitors per year and hosts numerous public meetings and workshops.



Goal 2: Preserve, protect, and share records and information



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LM SITES MAP

HIGH PERFORMING ORGANIZATION (HPO)

Central Nevada Test Area, Nevada

ANNOUNCEMENTS

DCE has launched a website for the Asset Revitalization Initiative (ARI), a DOE-wide effort to advance the beneficial reuse of its unique and diverse mix of assets, including land, facilities, infrastructure, equipment, technologies, natural resources and a highly skilled workforce.

LM announces beta release of its updated and upgraded Geospatial Environmental Mapping System (GEMS 2.0) for public use and comment.

The U.S. Department of Energy Office of Legacy Management has prepared the October-December 2013 Program Update newsletter.

DEGRADATION IS NOW OPEN FOR THE 2014 NATIONAL ENVIRONMENTAL JUSTICE CONFERENCE & TRAINING PROGRAM. View the draft conference agenda and training program information at www.thepeis.org

NEWS

October 26, 2013
DOE Releases Biological Monitoring and Sampling Results Report for the Anichika, Alaska, Site

The U.S. Department of Energy today announced the availability of the Anichika Island, Alaska, Biological

CONTACT US

- LM GOALS
- LM MAPPING AND MONITORING (GEMS 2.0)
- SOLICITATIONS

Report to Congress COMMENTS WELCOME (CLICK HERE)

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Goal 3: Meet commitments to the contractor workforce

- At inception, LM assumed responsibility for the benefits of former workers at Pinellas, Grand Junction, and Portsmouth and Paducah (retired pre-USEC).
- At site closure, we added workers from Rocky Flats, Fernald, Mound, and Yucca Mountain. LM is responsible for the benefits of 11,000+ former workers.
- Since 2008, the majority of LM's budget request has been to support the post-retirement benefits (health and life insurance) of former workers.
- Benefit costs are impacted by: the health care inflation, age (coverage under Medicare), changes in health insurance laws and regulations, and mortality.
- Conservative investments, lump sum buyouts, and Congressional appropriations have built pension plan assets that are equal to or greater than the liabilities.
- In 2003, LM assumed the work performed by the Office of Worker and Community Transition. LM managed the downsizing of these efforts and/or transferred the functions to other parts of DOE.
- In 2013, Congress eliminated an annual workforce report and LM shutdown operation of worker related IT systems (WFIS and JOBBS). This ended the functions inherited from WT.

Goal 3: Meet commitments to the contractor workforce

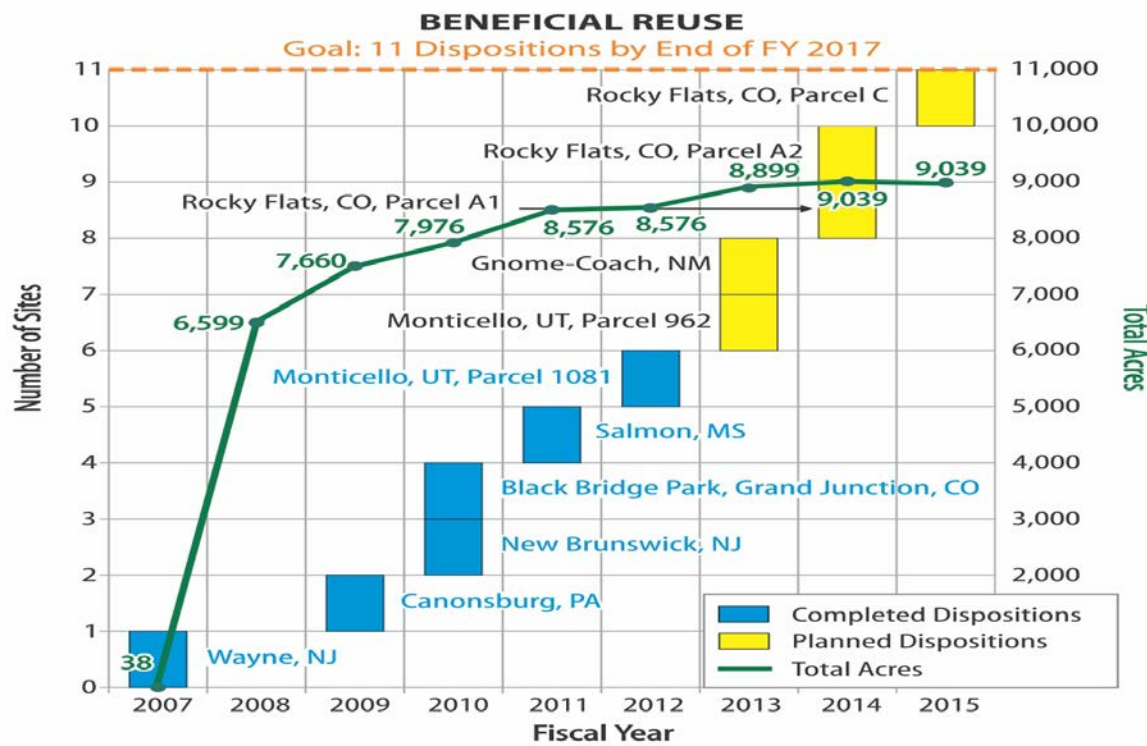
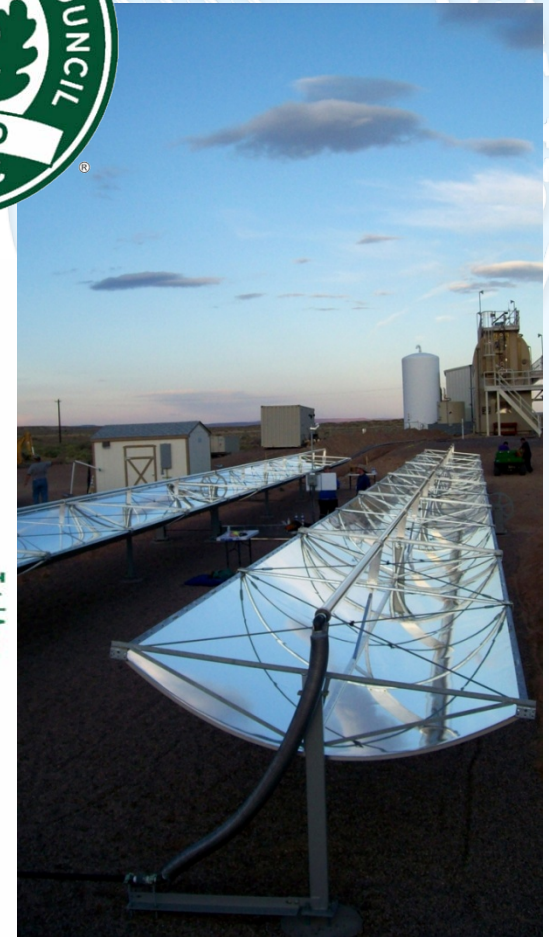


Goal 4: Optimize the use of land and assets

- Make land available for government, public, and private use consistent with the site remedies, sustainability goals, and resource management policies.
- Beneficial reuse includes renewable energy, agriculture, forestry, conservation, education and recreation.
- Enforceable, visible, and durable institutional controls are developed and enforced to ensure we protect human health and the environment.
- Post-closure land management responsibilities have increased from 17,000 to 37,000 acres.
- Successfully transferred six federal properties.
- At standup, LM was responsible for policy and oversight of 14 Community Reuse Organization (CRO) created to support economic development. While several CROs continue to operate only 2 have any DOE funds remaining.
- DOE has operated a uranium leasing program for 60+ years. LM has managed these lease tracts which encompass 25,000+ acres in southwestern CO.



Goal 4: Optimize the use of land and assets

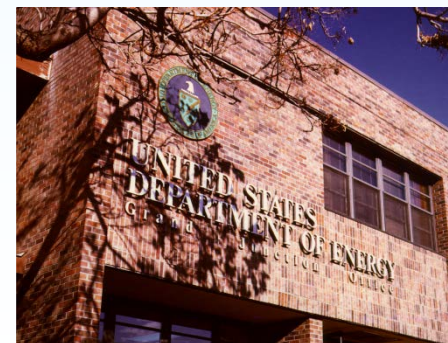


Goal 5: Sustain management excellence

- Established by combining parts of EM, NETL, and WT. This required integration of different missions and cultures. Staff were in 6 different locations.
- In 2007, OMB designated LM as a “high performing organization”. In 2012, LM completed our five year “contract” and reapplied for an additional 5 years.
- Closed offices in Pittsburgh, Pinellas and Las Vegas. Opened offices in Denver and Southwest Ohio. We reassigned over 20% of our staff to new positions in new locations to address changes in workload and missions.
- Grown in core mission areas and transferred non-essential or non mission critical functions to other organizations.
- Established a joint EMS with our nation-wide support contractor; this has enabled safer operations, 100% compliance, and leadership in sustainability.
- Completed strategic plans in 2003, 2007, and 2011.
- Since 2008, LM has consistently scored 5-10 percentage points better than the DOE average on the OPM Federal Employee Viewpoint Survey. LM is considered, by its employees, to be one of the best places to work in DOE.



Goal 5: Sustain management excellence



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LM has added sites and associated responsibility while becoming more efficient and effective.

- LM's work scope has grown over the first decade of operation:
 - Added 56 sites and 20,000 acres of land
 - Grown from 10,000 to 100,000 ft³ of records
 - Integrated 200 terabytes of data from 100s of site specific systems
 - Taken responsibility for the contractual benefits of 11,000 retirees
 - Increased beneficial reuse and while disposing of 6 federal properties
- Expanded from a uranium mill focused LTS&M organization to a nationally focused, high performing organization.
- Established a strong, joint EMS with positive results in terms of safety, compliance, and sustainability.
- Right sized federal staffing levels, redistributed our people, and developed a positive reputation with our stakeholders.
- Created a credible, efficient, and sustainable long-term management solution to the "post-closure" stewardship dilemma.

