

LM Site Management Guide aka the “Blue Book”

June 2011

Revision 11



**U.S. DEPARTMENT OF
ENERGY**

Legacy
Management

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1.0 Introduction

The U.S. Department of Energy (Department) Office of Legacy Management (LM), established in 2003, manages the Department's post-closure responsibilities and ensures the future protection of human health and the environment.

During World War II and the Cold War, the Federal government developed and operated a vast network of industrial facilities for the research, production, and testing of nuclear weapons, as well as other scientific and engineering research. These processes left a legacy of radioactive and chemical waste, environmental contamination, and hazardous facilities and materials at well over 100 sites. Since 1989, the Department has taken an aggressive accelerated cleanup approach to reduce risks and cut costs.

At most Departmental sites undergoing cleanup, some residual hazards will remain at the time cleanup is completed due to financial and technical impracticality. However, the Department still has an obligation to protect human health and the environment after the cleanup completion. In order to meet this post-closure obligation, the management responsibility for Departmental sites, which have no continuing mission and have been cleaned up, will be transitioned to LM for long-term management.

In addition to Departmental sites, LM is responsible for sites under the Formerly Utilized Sites Remedial Action Program (FUSRAP). Currently, the U.S. Army Corps of Engineers (USACE) is responsible for site surveys and remediation at FUSRAP sites. Once remediation is completed, LM becomes responsible for long-term surveillance and maintenance.

LM also assumes responsibility for uranium processing sites addressed by Title II of the Uranium Mill Tailings Radiation Control Act (UMTRCA). UMTRCA Title II sites are sites that were commercially owned and are regulated under a U.S. Nuclear Regulatory Commission (NRC) license. For license termination, the owner must conduct an NRC-approved cleanup of any on-site radioactive waste remaining from former uranium ore-processing operations. The site owner also must ensure full funding for inspections and, if necessary, ongoing maintenance. Once site cleanup is complete LM then accepts title to these sites for custody and long-term surveillance and maintenance.

2.0 Purpose

The main purpose of the LM Site Management Guide is to be a reference document for LM and its contractor(s) and to provide accurate and consistent information across the LM organization. The core data in this Guide will be updated bi-annually and will be presented in the form of tables and charts. The primary data elements of the LM Site Management Guide include the following:

- 1) Site Name and Location (State)
- 2) Pre-LM Name

- 3) Transferring Organization
- 4) Actual Transfer Date (Fiscal Year)
- 5) Planned Transfer Date (Fiscal Year)
- 6) Regulatory Driver
- 7) Site Type (Category 1, 2, or 3)
- 8) Appropriation Account

The data elements listed above are under configuration control (see Section 8.0) and cannot be altered without proper approvals. LM will manage and control all LM Site Management Guide changes except changes to data regarding the EM Closure Sites transferring to LM, which requires joint approval by EM-1 and LM-1.

The LM Site Management Guide Coordinator (LM-20) will conduct bi-annual updates of the LM Site Management Guide.

3.0 Site Types

Each LM site is designated as one of three types based on the actual or anticipated Long-Term Surveillance and Maintenance (LTS&M) activities associated with that site. The site type indicates the level of LTS&M activities that are expected for each site, based on the following categories:

- Category 1 sites are expected to require records-related activities and stakeholder support
- Category 2 sites are expected to require routine inspection and maintenance, records-related activities, and stakeholder support
- Category 3 sites are expected to require operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support

Note: For sites that may have multiple categories, the overall category designation will always be the highest of all categories listed for that site. For example: The Salt Lake City, Utah, Disposal/Processing Site is currently counted as one site, but has two types of categories. The Salt Lake City, Utah, Processing (mill site) site is a category 1 site and the Salt Lake City, Utah, Disposal site is a category 2 site. For reporting purposes this site will have an overall category designation as a category 2 site.

4.0 Site Counts

The LM Site Management Guide is the control document for all site count information. The manner in which sites are counted is critical to ensuring LM provides accurate and consistent site count data. It has been determined that each geographic site location will be counted as one site. This also includes geographic site locations having both a former

processing site and an associated disposal site. These types of sites will also be counted as one site.

Note: Currently the only exceptions to the site count guidance would be the two FUSRAP sites in St. Louis, Missouri (St. Louis Airport and St. Louis Airport Vicinity Properties), and the two FUSRAP sites in Niagara Falls, New York (Niagara Falls Storage Site and Niagara Falls Storage Site Vicinity Properties). These four FUSRAP sites are currently counted as four sites due to the fact the USACE managed these sites as four separate sites.

The following represents examples of some UMTRCA sites having both a former processing site and an associated disposal site:

- **Two Gunnison, Colorado, sites counted as one site**
 - 1) Gunnison Disposal Cell
 - 2) Gunnison Mill

- **Three Rifle, Colorado, sites counted as one site**
 - 1) Rifle New, Colorado, Processing Site
 - 2) Rifle Old, Colorado, Processing Site
 - 3) Rifle, Colorado, Disposal Site

5.0 Site Nomenclature

The names of many sites that come into the LM program are confusing and non-descriptive. In many cases sites have names using the company name of the former operator of the site, or use a geographic name or nickname. LM has established a systematic approach for naming or identifying sites within LM in order to eliminate confusion when trying to identify sites and site locations. That systematic approach is as follows:

- 1) Eliminate use of company names of current or former operators or property owners.
- 2) When possible, a site name should begin by using the name of the nearest city or town. If multiple sites exist near the same city or town, use a direction name (North, South, East, West) following the city or town name. For example, when two former processing sites are near the same city or town, use a direction name after each site to identify where the site is located in relation to that city or town.

Note: LM will receive a few sites that do not have a city or town near the site to use as the site name. In these cases, the sites will retain the current pre-LM name. **Example:** There are no cities or towns near the Salmon, Mississippi, site. “Salmon” is the project name of the site and is not referencing a geographic location; therefore, the Salmon, Mississippi, site will retain the pre-LM site name.

LM has revised the names of FUSRAP sites that have transferred to LM. For FUSRAP sites that are planning to transfer to LM in the future, the name currently assigned by the USACE will be utilized (as shown under Pre-LM Name column in Appendix B). Upon transfer, site names will be changed in accordance with LM Site Nomenclature.

LM has also revised several site names for sites that have not yet transferred to LM (mainly associated with UMTRCA Title II sites) for internal management purposes. Until a planned site officially transfers to LM, the original (pre-LM) site name will be referenced in all outside reporting and data sharing. Appendixes A and B contain both of the sites' pre-LM and LM site names for ease in cross-referencing.

- 3) The name should also include the state where the site is geographically located.
- 4) When applicable the site name should include additional information about the site e.g., processing, disposal, decommissioned reactor. See example below:

Slick Rock East, CO, Processing Site
Slick Rock West, CO, Processing Site

6.0 Site Transition Policy

This section references the following site transition policy documents:

- **Terms and Conditions between EM and LM** – Outlines proposed terms and conditions for managing and funding site transition activities between EM and LM. The terms and conditions can be located at the following web address:
http://www.lm.doe.gov/LTSM/Site_Transition_Documents.aspx
- **Site Transition Plan Guidance** – This document provides guidance regarding the development of Site Transition Plans. Site Transition Plan Guidance can be located at the following web address:
http://www.lm.doe.gov/LTSM/Site_Transition_Documents.aspx
- **Site Transition Framework** – This document provides a framework for all DOE facilities and sites where DOE may have anticipated long-term surveillance and maintenance (LTS&M) responsibilities. The Site Transition Framework can be located at the following web address:
http://www.lm.doe.gov/LTSM/Site_Transition_Documents.aspx
- **Site Transition Process Upon Cleanup Completion** – This two-page fact sheet outlines LM's policy on various aspects of site transition. This document can be located at the following web address:
http://www.lm.doe.gov/Office_of_Site_Operations/Environment_Team_Functions.aspx

- **Site-Specific Transition Fact Sheets** – This presents a compilation of fact sheets regarding the status of transition at specific sites. For each site, the following topics are discussed: key milestones; site condition at the time of transfer; transition issues; and information regarding the management and mitigation of programmatic risk. Site-specific transition documentation can be acquired from the respective DOE-LM site manager, and/or found at the following web address:
http://www.lm.doe.gov/land/sites/sites_map.htm

Note: All planned site transfer dates should be by month and year. In the past, site count estimates by fiscal year for budget formulation purposes have been erroneously reported due to calendar year dates being mistaken for fiscal year.

7.0 Interrelationship of Site Management Guide Data

All LM federal and contractor staff should recognize the importance of utilizing and adhering to the LM Site Management Guide due to the interrelationship of site count data within LM and other LM products, processes, and systems.

Looking at the LM Program and the core business functions of planning, budget formulation, budget execution, and evaluation, site count data is clearly found as being a major part of many products. The following are just a few of the products that require current and accurate site count data:

- LM Strategic Plan
- Budget Formulation
- Life-Cycle Planning
- Environmental Liability Estimates
- DOE Performance Measure Management (PMM) System

LM staff should use the LM Site Management Guide as the source document when preparing or releasing site count information for Departmental data calls, or to other transferring organizations. Any questions associated with the data in this Guide should be addressed to the LM Site Management Guide Coordinator (LM-20).

Until a formal configuration control process is implemented, all changes to the LM Site Management Guide must be processed through the LM Site Management Guide Coordinator (LM-20).

8.0 Appendices

The LM Site Management Guide data will be reported in the following appendices:

Appendix A. Current LM Site Count Listing – This appendix is a listing of sites in the LM Program.

Appendix B. Site Transition Schedule – This appendix represents a schedule of sites planning to transfer to LM during FY2011 – FY2050.

Appendix C. Planned Site Count by Year – This appendix is a planned site count listing of sites already in the LM Program and sites planning to transfer to LM.

Appendix D. Current Site Count by State – This appendix is a chart of sites by state currently in the LM Program.

Appendix E. LM Site Map – This appendix is a map of sites currently in the LM Program.

Appendix F. Current Site Count by Regulatory Type and Category – This appendix is a chart displaying site counts by Regulatory Type and Category.

Appendix G. Site Information Summary – This appendix provides a summary of commonly used data points from the DOE Office of Legacy Management Site Overview (number of wells, number of disposal cells, and the number of institutional controls) and is grouped by regulatory type. The sites are counted as outlined in Section 4.0 above. Additionally, the summary will reflect prior fiscal year data as compared to the planned site data for the current fiscal year. The site-specific information that supports the summary will be reviewed and updated on a routine basis by DOE and contractor site managers.

Appendix H. Land Having Legacy Management LTS&M Activities – This appendix is a chart displaying acreage totals for non-DOE-owned sites/land with rights to conduct activities, DOE-owned (fee simple) land, and withdrawn land (see DOE Office of Legacy Management Site Overview).

Appendix I. Acronyms – This appendix is a list of acronyms used in the LM Site Management Guide.

Appendix A: Current LM Site Count Listing

LM Site Count Listing Through September 30, 2010

	LM Site Name	Pre - LM Name	Category (1)	Regulatory Driver	Fiscal Year Transfer Date
1	Acid/Pueblo Canyon, NM, Site	Acid/Pueblo Canyon	1	FUSRAP	2004
2	Adrian, MI, Site	General Motors	1	FUSRAP	2004
3	Albany, OR, Site	Albany Research Center	1	FUSRAP	2004
4	Aliquippa, PA, Site	Aliquippa Forge	1	FUSRAP	2004
5	Ambrosia Lake, NM, Disposal Site	Ambrosia Lake	2	UMTRCA Title I	1998
6	Amchitka, AK, Site	Amchitka Island	2	Other	2008
7	Ashtabula, OH, Site	Ashtabula Closure Project	1	Other	2010
8	Bayo Canyon, NM, Site	Bayo Canyon	1	FUSRAP	2004
9	Berkeley, CA, Site	University of California	1	FUSRAP	2004
10	Beverly, MA, Site	Ventron	1	FUSRAP	2004
11	Bluewater, NM, Disposal Site	Bluewater Site	2	UMTRCA Title II	1997
12	BONUS, PR, Decommissioned Reactor, Site	BONUS Reactor	2	D&D	2004
13	Buffalo, NY, Site	Bliss & Laughlin Steel	1	FUSRAP	2002
14	Burrell, PA, Disposal Site	Burrell Site	2	UMTRCA Title I	1994
15	Canonsburg, PA, Disposal Site	Canonsburg Site	2	UMTRCA Title I	1996
16	Center for Energy and Environmental Research, PR, Site	Rio Piedras Site	1	Other	2006
		Mayaquez site			
17	Central Nevada Test Area, NV, Site	Central Nevada Test Area	2	Other	2008
18	Chariot, AK, Site	Chariot Site	1	Other	2005
19	Chicago North, IL, Site	National Guard Armory	1	FUSRAP	2004
20	Chicago South, IL, Site	University of Chicago	1	FUSRAP	2004
21	Chupadera Mesa, NM, Site	Chupadera Mesa	1	FUSRAP	2004
22	Columbus East, OH, Site	B & T Metals	1	FUSRAP	2004
23	Columbus, OH, Site	Columbus Closure Project	1	Other	2008
24	Durango, CO, Disposal/Processing Site	Bodo Canyon Cell	2	UMTRCA Title I	1996
		Durango Mill			
		Raffinate Ponds			
25	Edgemont, SD, Disposal Site	Edgemont Site	2	UMTRCA Title II	1996
26	El Verde, PR, Site	El Verde	1	Other	2006
27	Fairfield, OH, Site	Associate Aircraft	1	FUSRAP	2004
28	Falls City, TX, Disposal Site	Falls City Site	2	UMTRCA Title I	1997
29	Fernald, OH, Site	Fernald Closure Project	3	CERCLA/RCRA	2008
30	Gasbuggy, NM, Site	Gasbuggy Site	2	Other	2008
31	General Atomics Hot Cell Facility, CA, Site	General Atomics	1	Other	2005
32	Geothermal Test Facility, CA, Site	Geothermal Test Facility	1	Other	2005
33	Gnome-Coach, NM, Site	Gnome - Coach	2	Other	2008
34	Grand Junction, CO, Disposal/Processing Site	Cheney Disposal Cell	2	UMTRCA Title I	1999
		Grand Junction Mill 1			
35	Grand Junction, CO, Site	Grand Junction Mill 2	2	D&D	2002
36	Granite City, IL, Site	Granite City Steel	1	FUSRAP	2004
37	Green River, UT, Disposal Site	Green River Site	2	UMTRCA Title I	1998
38	Gunnison, CO, Disposal/Processing Site	Gunnison Disposal Cell	2	UMTRCA Title I	1997
		Gunnison Mill			
39	Hallam, NE, Decommissioned Reactor, Site	Hallam Nuclear Power Facility	2	D&D	1998
40	Hamilton, OH, Site	Herring - Hall Marvin Safe Co.	1	FUSRAP	2004
41	Indian Orchard, MA, Site	Chapman Valve	1	FUSRAP	2004
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(1) Category 1: Requires records-related activities and stakeholder support.

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

Appendix A: LM Site Count Listing (continued)

LM Site Count Listing Through September 30, 2010

	LM Site Name	Pre - LM Name	Category (1)	Regulatory Driver	Fiscal Year Transfer Date
42	Jersey City, NJ, Site	Kellex/Pierpont	1	FUSRAP	2004
43	Laboratory for Energy Related Health Research, CA, Site	Laboratory for Energy Related Health Research	2	CERCLA/RCRA	2006
44	Lakeview, OR, Disposal/Processing Site	Lakeview Site	2	UMTRCA Title I	1995
		Lakeview Mill			
45	L-Bar, NM, Disposal Site	SOHIO - LBAR Site	2	UMTRCA Title II	2004
46	Lowman, ID, Disposal Site	Lowman Site	2	UMTRCA Title I	1994
47	Madison, IL, Site	Madison	1	FUSRAP	2002
48	Maxey Flats, KY, Disposal Site	Maxey Flats Disposal Site	1	CERCLA/RCRA	2004
49	Maybell, CO, Disposal Site	Maybell Mill Site	2	UMTRCA Title I	1999
50	Maybell West, CO, Disposal Site	UMETCO - Maybell Site 2	2	UMTRCA Title II	2010
51	Mexican Hat, UT, Disposal Site	Mexican Hat Site	2	UMTRCA Title I	1997
52	Middlesex North, NJ, Site (2)	Middlesex Municipal Landfill	1	FUSRAP	2004
53	Missouri University Research Reactor, MO, Site	MURR	1	Other	2005
54	Monticello, UT, Disposal and Processing Sites	Monticello Mill Site and Vicinity Properties	3	CERCLA/RCRA	2002
55	Monument Valley, AZ, Processing Site	Monument Valley Site	3	UMTRCA Title I	1997
56	Naturita, CO, Disposal/Processing Site	Naturita Site	2	UMTRCA Title I	1999
		Naturita Mill			
57	New Brunswick, NJ, Site	New Brunswick Site	2	FUSRAP	2004
58	New York, NY, Site	Baker and Williams Warehouses	1	FUSRAP	2004
59	Niagara Falls Vicinity Properties, NY, Site	Niagara Falls Storage Site Vicinity Properties	1	FUSRAP	2004
60	Oak Ridge, TN, Warehouses Site	Elza Gate	1	FUSRAP	2004
61	Oxford, OH, Site	Alba Craft Laboratories	1	FUSRAP	2004
62	Oxnard, CA, Site	Oxnard Site	1	Other	2008
63	Parkersburg, WV, Disposal Site	Parkersburg Site	2	Other	1994
64	Pinellas County, FL, Site	Pinellas STAR Center	3	CERCLA/RCRA	2004
65	Piqua, OH, Decommissioned Reactor, Site	Piqua Nuclear Power Facility	2	D&D	1998
66	Rifle, CO, Disposal/Processing Site	Rifle (New) Mill	2	UMTRCA Title I	1998
		Rifle (Old) Mill			
		Estes Gulch Disposal Cell			
67	Rio Blanco, CO, Site	Rio Blanco	2	Other	2008
68	Riverton, WY, Processing Site	Riverton Site	2	UMTRCA Title I	1991
69	Rocky Flats, CO, Site	Rocky Flats Closure Project	3	CERCLA/RCRA	2008
70	Rulison, CO, Site	Rulison	2	Other	2008
71	Salmon, MS, Site	Salmon Site	2	Other	2008
72	Salt Lake City, UT, Disposal/Processing Site	South Clive Disposal Cell	2	UMTRCA Title I	1997
		Salt Lake City Mill			
73	Seymour, CT, Site	Seymour Specialty Wire	1	FUSRAP	2004
74	Sherwood, WA, Disposal Site	WNI - Sherwood Site	2	UMTRCA Title II	2001
75	Shiprock, NM, Disposal Site	Shiprock Site	3	UMTRCA Title I	1996
76	Shirley Basin South, WY, Disposal Site	Petrotomics - Shirley Basin 1	2	UMTRCA Title II	2005
77	Shoal, NV, Site	Project Shoal	2	Other	2008
78	Site A / Plot M, IL, Decommissioned Reactor, Site	Palos Forest (Site A/Plot M) Preserve	2	D&D	1998

Continued on next page

(1) Category 1: Requires records-related activities and stakeholder support.

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

(2) The Middlesex North, NJ, Site has been referred to USACE for additional assessment. If FUSRAP-related radiological contamination is found, responsibility for site protectiveness will transfer to USACE while remediation is conducted. The site would transition back to LM for LTS&M when remediation is complete.

Appendix A: LM Site Count Listing (continued)

LM Site Count Listing Through September 30, 2010

	LM Site Name	Pre - LM Name	Category (1)	Regulatory Driver	Fiscal Year Transfer Date
79	Slick Rock, CO, Disposal/Processing Site	Slick Rock (North Continent) Mill 1	2	UMTRCA Title I	1998
		Slick Rock (Union Carbide) Mill 2			
		Burro Canyon Disposal Cell			
80	Spook, WY, Disposal Site	Spook Site	2	UMTRCA Title I	1993
81	Springdale, PA, Site	C.H. Schnorr	1	FUSRAP	2004
82	Toledo, OH, Site	Baker Brothers	1	FUSRAP	2004
83	Tonawanda North, NY, Site Unit 1	Ashland Oil #1	1	FUSRAP	2009
84	Tonawanda North, NY, Site Unit 2	Ashland Oil #2	1	FUSRAP	2009
85	Tuba City, AZ, Disposal Site	Tuba City Site	3	UMTRCA Title I	1996
86	Wayne, NJ, Site	Wayne Site	2	FUSRAP	2007
87	Weldon Spring, MO, Site	Weldon Spring Site	3	CERCLA/RCRA	2003
Total					87

(1) **Category 1: Requires records-related activities and stakeholder support.**

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

Appendix B: Site Transition Schedule

Sites Planning to Transfer in FY 2011

LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
Sites originally planned for transfer in FY11 have been delayed to FY12; therefore, no sites will transition in FY11.				
Total				0
Cumulative				87

Sites Planning to Transfer in FY 2012

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Bear Creek, WY, Disposal Site	Union Pacific - Bear Creek Site	2	Private License	UMTRCA Title II
2	Gas Hills East, WY, Disposal Site	UMETCO - Gas Hills Site	2	Private License	UMTRCA Title II
3	Gas Hills North, WY, Disposal Site	Pathfinder - Lucky Mc Site	2	Private License	UMTRCA Title II
4	Inhalation Toxicology Laboratory, NM, Site	Lovelace Respiratory Research Institute	2	EM	Other
5	Mound, OH, Site	Miamisburg Closure Project	3	EM	CERCLA/RCRA
6	Split Rock, WY, Disposal Site	WNI - Split Rock Site	2	Private License	UMTRCA Title II
Total				6	
Cumulative				93	

Sites Planning to Transfer in FY 2013

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Durita, CO, Disposal Site	HECLA - Durita Site	2	Private License	UMTRCA Title II
2	General Electric Vallecitos Nuclear Center, CA, Site	General Electric Vallecitos Nuclear Center	1	EM	Other
3	Mercury Storage Facility (interim name)	Mercury Storage Facility	3	EM	RCRA
4	Panna Maria, TX, Disposal Site	Chevron - Panna Maria Site	2	Private License	UMTRCA Title II
5	Ray Point, TX, Disposal Site	Exxon - Ray Point Site	2	Private License	UMTRCA Title II
6	Uravan, CO, Disposal Site	UMETCO - Uravan Site	2	Private License	UMTRCA Title II
Total				6	
Cumulative				99	

Sites Planning to Transfer in FY 2014

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Attleboro, MA, Site	Shpack Landfill (sometimes referred to as Norton, MA)	2	USACE	FUSRAP
2	Painesville, OH, Site	Painesville	1	USACE	FUSRAP
3	Lisbon Valley, UT, Disposal Site	Rio Algom - Lisbon Valley Site	2	Private License	UMTRCA Title II
Total				3	
Cumulative				102	

Sites Planning to Transfer in FY 2015

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Church Rock, NM, Disposal Site	UNC - Church Rock Site	2	Private License	UMTRCA Title II
2	Combustion Engineering, CT, Site	CE, Combustion Engineering	2	USACE	FUSRAP
3	Ford, WA, Disposal Site	Dawn - Ford Site	2	Private License	UMTRCA Title II
4	Gas Hills West, WY, Disposal Site	ANC - Gas Hills Site	2	Private License	UMTRCA Title II
5	Highland, WY, Disposal Site	Exxon - Highland Site	2	Private License	UMTRCA Title II
6	Sequoyah Fuels, OK, Disposal Site	Sequoyah Fuels Site	2	Private License	UMTRCA Title II
Total				6	
Cumulative				108	

(1) Category 1: Requires records-related activities and stakeholder support.

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

Appendix B: Site Transition Schedule (continued)

Sites Planning to Transfer in FY 2016

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Latty Avenue Properties, MO, Site	Hazelwood Interim Storage Site/Latty Ave.	2	USACE	FUSRAP
2	St. Louis Airport, MO, Site	St. Louis Airport Site	2	USACE	FUSRAP
3	St. Louis Airport Vicinity Properties, MO, Site	St. Louis Airport Site Vicinity Properties	2	USACE	FUSRAP
4	St. Louis Downtown, MO, Site	St. Louis Downtown Site	2	USACE	FUSRAP
Total					4
Cumulative					112

Sites Planning to Transfer in FY 2017

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Colonie, NY, Site (3)	Colonie	2	USACE	FUSRAP
2	Conquista, TX, Disposal Site	Conoco - Conquista Site	2	Private License	UMTRCA Title II
3	Grants, NM, Disposal Site	Homestake - Grants Site	2	Private License	UMTRCA Title II
4	Iowa Army Ammunition Plant, IA, Site	Iowa Army Ammunition Plant	2	USACE	FUSRAP
5	W. R. Grace Co., MD, Site	W.R. Grace and Company	2	USACE	FUSRAP
Total					5
Cumulative					117

Sites Planning to Transfer in FY 2018

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Guterl Specialty Steel, NY, Site (2)	Guterl Specialty Steel Corp	1	USACE	FUSRAP
2	Harshaw Chemical Company, OH, Site (2)	Harshaw Chemical Company	2	USACE	FUSRAP
3	Joslyn Manufacturing & Supply Company, IN, Site (2)	Joslyn Manufacturing & Supply Company	1	USACE	FUSRAP
4	Linde Air Products Division, NY, Site	Linde Air Products (Tonawanda)	2	USACE	FUSRAP
5	Superior Steel, PA, Site (2)	Superior Steel	1	USACE	FUSRAP
6	Sylvania-Corning, NY, Site (2)	Sylvania-Corning Plant Site	1	USACE	FUSRAP
Total					6
Cumulative					123

Sites Planning to Transfer in FY 2019

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	E. I. Du Pont, NJ, Site	DuPont & Company	2	USACE	FUSRAP
2	Energy Technology Engineering Center, CA, Site	Energy Technology Engineering Center	1	EM	Other
Total					2
Cumulative					125

Sites Planning to Transfer in FY 2020

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver
1	Ambrosia Lake West, NM, Disposal Site	Rio Algom - Ambrosia Lake Site 2	2	Private License	UMTRCA Title II
2	Middlesex Sampling Plant, NJ, Site (2) (3)	Middlesex Sampling Plant	2	USACE	FUSRAP
3	Niagara Falls Storage Site, NY (3)	Niagara Falls Storage Site	2	USACE	FUSRAP
4	Staten Island Warehouse, NY, Site (2)	Richmond Terrace, NY	1	USACE	FUSRAP
Total					4
Cumulative					129

(1) Category 1: Requires records-related activities and stakeholder support.

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

(2) Completion date assumed for out-year planning. Actual remedial action completion date not yet scheduled by USACE.

(3) The DOE Office of Legacy Management is the owner of record at the following FUSRAP sites: Colonie, NY; Maywood, NJ; Middlesex Sampling Plant (Middlesex South); and Niagara Falls Storage Site, NY. The U.S. Army Corps of Engineers is responsible for protectiveness at these sites until remedial action is completed and DOE-LM assumes LTS&M responsibility for the sites.

Appendix B: Site Transition Schedule (continued)

Sites Planning to Transfer in FY 2022 - 2050

	LM Site Name	Pre-LM Name	Category (1)	Transferring Organization	Regulatory Driver	Planned Transfer
1	Seaway Industrial Park, NY, Site	Seaway Industrial Park	2	USACE	FUSRAP	2022
2	Parks Township Shallow Land Disposal Area, PA, Site	Parks Township - SLDA	1	USACE	FUSRAP	2023
3	Maywood, NJ, Site (3)	Maywood Chemical Works	2	USACE	FUSRAP	2024
4	Moab, UT, Site	Atlas - Moab Mill	3	EM	UMTRCA Title I	2029
5	Tonawanda Landfill, NY, Site (2)	Tonawanda Landfill Vicinity Property	1	USACE	FUSRAP	2029
6	Luckey, OH, Site	Luckey	2	USACE	FUSRAP	2031
7	West Valley, NY, Site	West Valley Demonstration Project	1	EM	CERCLA/RCRA	2040
8	Paducah, KY, Site	Paducah Gaseous Diffusion Plant	2	EM	CERCLA/RCRA	2041
9	Portsmouth, OH, Site	Portsmouth Gaseous Diffusion Plant	2	EM	CERCLA/RCRA	2045
10	Canon City, CO, Disposal Site	Cotter - Canon City Site	2	Private License	UMTRCA Title II	2047
11	Salt Lake City 11e.(2), UT, Disposal Site	11e(2) Disposal Site	2	Private License	UMTRCA Title II	2047
12	Shirley Basin North, WY, Disposal Site	Pathfinder - Shirley Basin Site 2	2	Private License	UMTRCA Title II	2047
13	Shootaring Canyon, UT, Disposal Site	Plateau Shootaring Canyon Site	2	Private License	UMTRCA Title II	2047
14	Sweetwater, WY, Disposal Site	Kennecott Sweetwater Site	2	Private License	UMTRCA Title II	2047
15	White Mesa, UT, Disposal Site	EFN - White Mesa Site	2	Private License	UMTRCA Title II	2047
16	Andrews 11e.(2), TX, Disposal Site	WCS Federal Waste Facility	2	Private License	UMTRCA Title II	2050
Total					16	
Cumulative					145	

(1) **Category 1: Requires records-related activities and stakeholder support.**

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

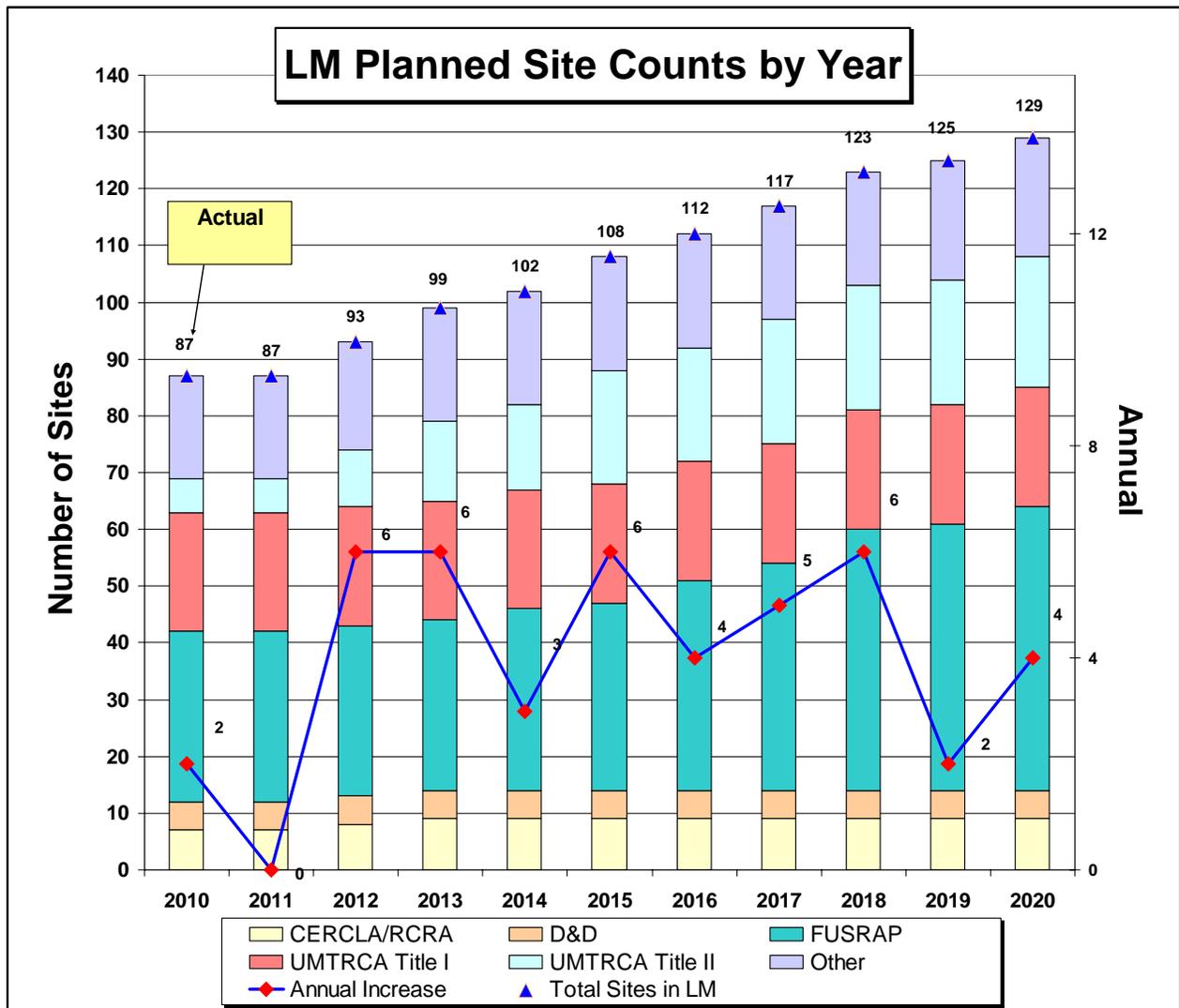
Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

(2) **Completion date assumed for out-year planning. Actual remedial action completion date not yet scheduled by USACE.**

(3) **The DOE Office of Legacy Management is the owner of record at the following FUSRAP sites: Colonie, NY; Maywood, NJ; Middlesex Sampling Plant (Middlesex South); and Niagara Falls Storage Site, NY. The U.S. Army Corps of Engineers is responsible for protectiveness at these sites until remedial action is completed and DOE-LM assumes LTS&M responsibility for the sites.**

Appendix C: Planned Site Count by Year

	BY END OF FISCAL YEAR										
	Actual	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned	Planned
Site	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
CERCLA/RCRA	7	7	8	9	9	9	9	9	9	9	9
D&D	5	5	5	5	5	5	5	5	5	5	5
FUSRAP	30	30	30	30	32	33	37	40	46	47	50
UMTRCA Title I	21	21	21	21	21	21	21	21	21	21	21
UMTRCA Title II	6	6	10	14	15	20	20	22	22	22	23
Other	18	18	19	20	20	20	20	20	20	21	21
Total	87	87	93	99	102	108	112	117	123	125	129
Annual Increase	2	0	6	6	3	6	4	5	6	2	4



Appendix D: Current Site Count by State

5/24/2011

State Site Counts as of 6/30/11

	State	CAT 1	CAT 2	CAT 3	# of Sites
1	Alaska	1	1		2
2	Arizona			2	2
3	California	4	1		5
4	Colorado		10	1	11
5	Connecticut	1			1
6	Florida			1	1
7	Idaho		1		1
8	Illinois	4	1		5
9	Kentucky	1			1
10	Massachusetts	2			2
11	Michigan	1			1
12	Mississippi		1		1
13	Missouri	1		1	2
14	Nebraska		1		1
15	Nevada		2		2

	State	CAT 1	CAT 2	CAT 3	# of Sites
16	New Jersey	2	3		5
17	New Mexico	3	5	1	9
18	New York	5			5
19	Ohio	7	1	1	9
20	Oregon	1	1		2
21	Pennsylvania	2	2		4
22	South Dakota		1		1
23	Tennessee	1			1
24	Texas		1		1
25	Utah		3	1	4
26	Washington		1		1
27	West Virginia		1		1
28	Wyoming		3		3
	Puerto Rico	2	1		3
	TOTAL	38	41	8	87

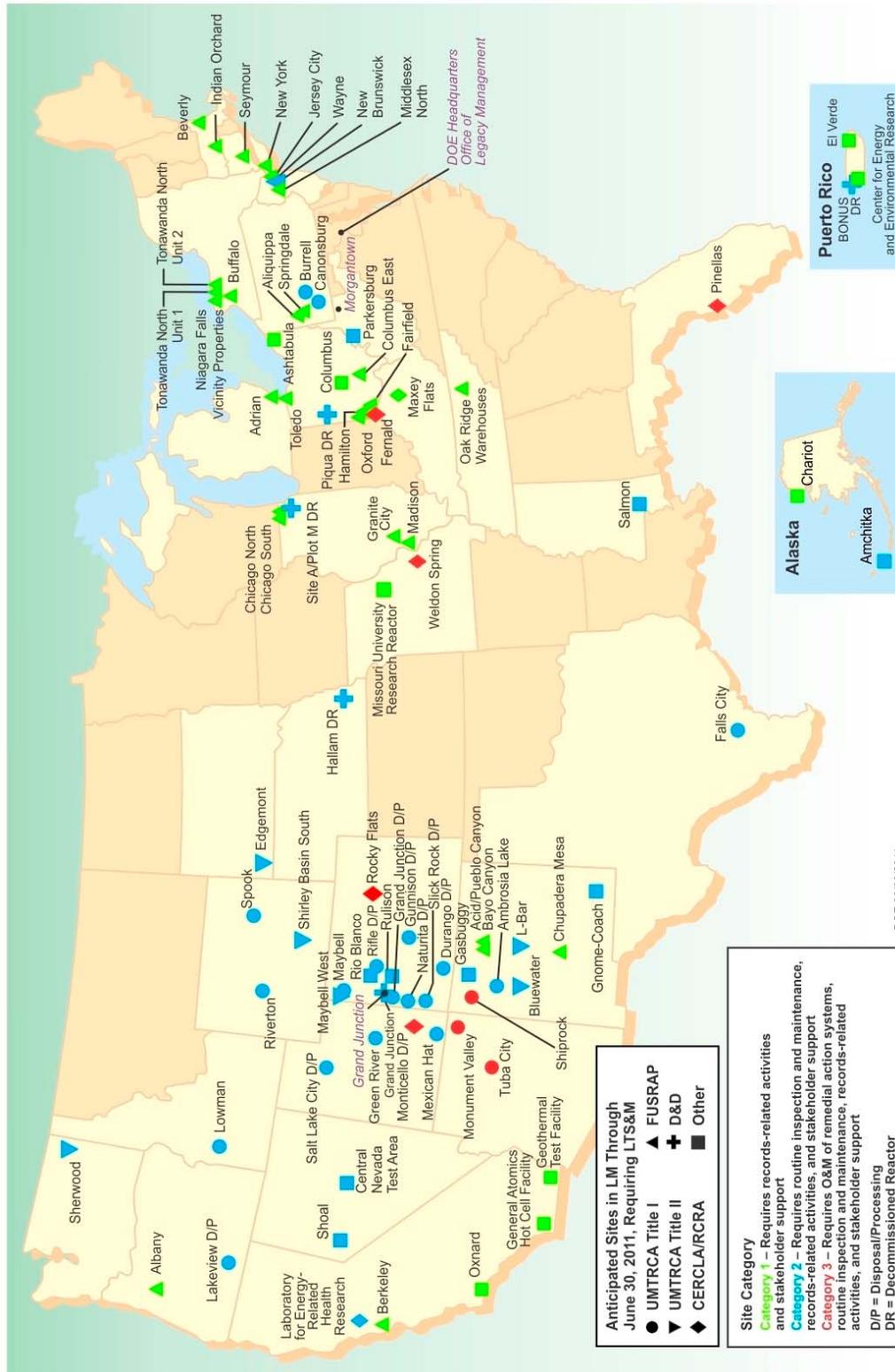
Category 1: Requires records-related activities and stakeholder support.

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

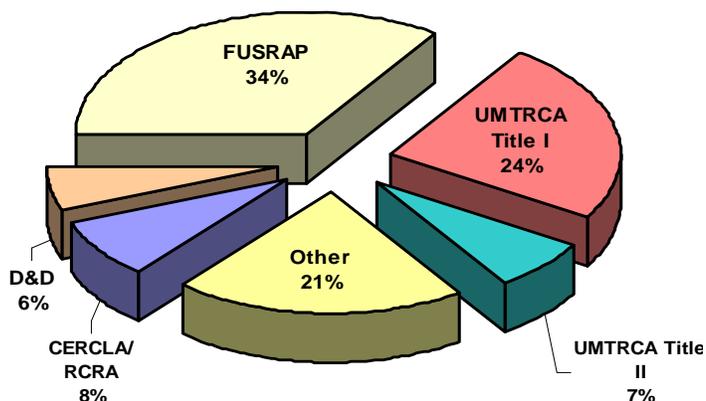
Appendix E: LM Site Map – as of June 30, 2011

Note: Map is only a representation and may not be to actual scale.

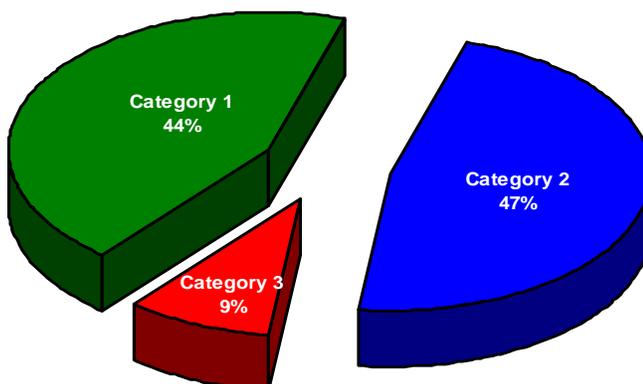


Appendix F: Site Count by Regulatory Type and Category

Type	Actual Thru Jun 2011
CERCLA/RCRA	7
D&D	5
FUSRAP	30
UMTRCA Title I	21
UMTRCA Title II	6
Other	18
TOTAL	87



Sites by Category thru Jun 2011	
Category 1	38
Category 2	41
Category 3	8
TOTAL	87



Category 1: Requires records-related activities and stakeholder support.

Category 2: Requires routine inspection and maintenance, records-related activities, and stakeholder support.

Category 3: Requires operation and maintenance of remedial action systems, routine inspection and maintenance, records-related activities, and stakeholder support.

Appendix G: Site Information Summary

LM-20 Office of Site Operations Site Information Summary **as of June 30, 2011** FY 2010 and FY 2011 ⁽¹⁾

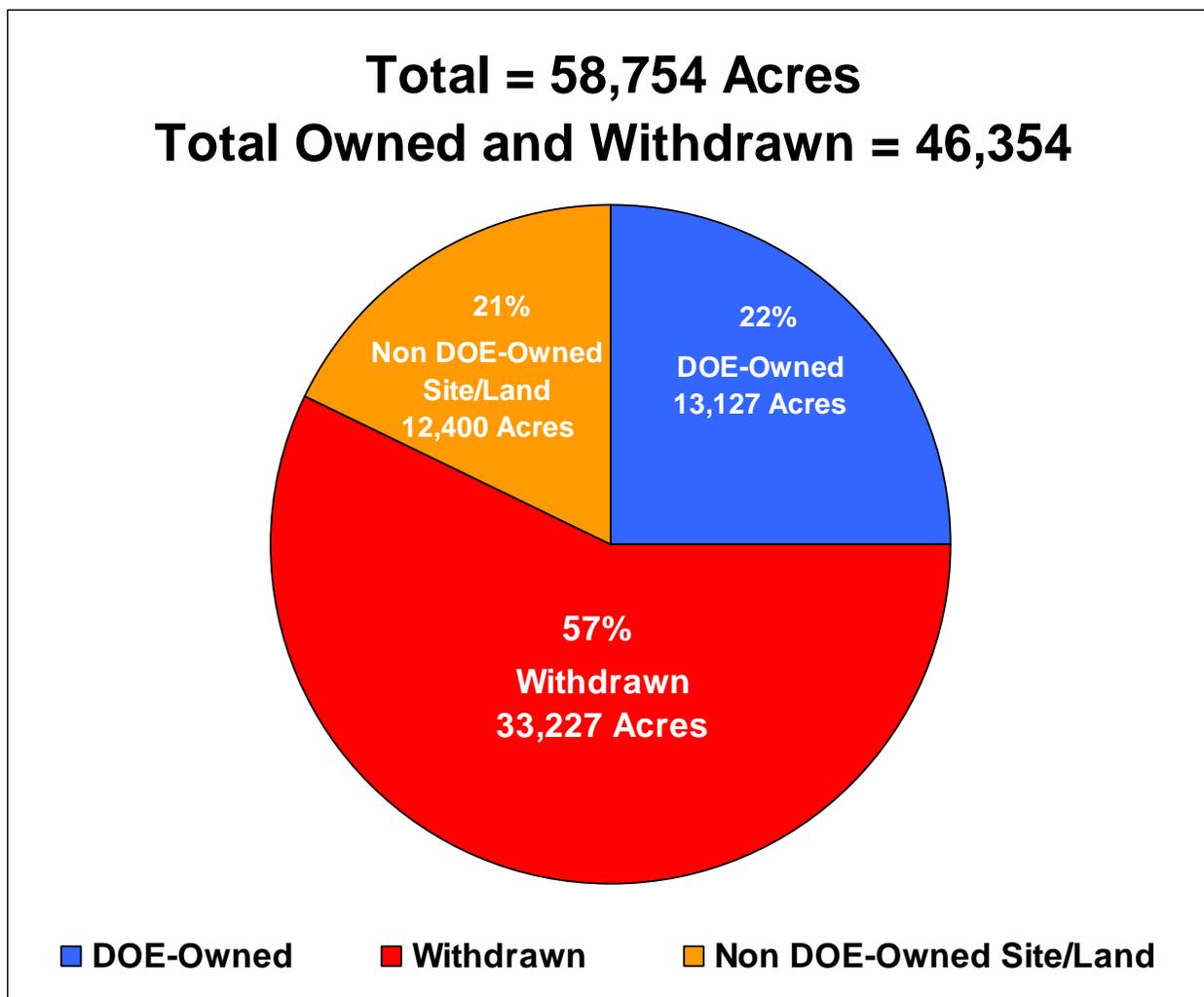
Type of Site	Number of Sites		Number of Wells		Number of Disposal Cells/Systems ⁽²⁾		Institutional Controls (Yes or No)	
	2010	2011	2010	2011	2010	2011	2010	2011
CERCLA/RCRA Sites	7	7	1,060	1,060	5	5	Yes (7 sites)	Yes (7 sites)
D&D Sites	5	5	54	54	3	3	Yes (5 sites)	Yes (5 sites)
FUSRAP Sites	30	30	0	0	3	3	Yes (3 sites)	Yes (3 sites)
UMTRCA Title I Sites	21	21	750	750	19	19	Yes (21 sites)	Yes (21 sites)
UMTRCA Title II Sites ⁽³⁾	6	6	53	53	7	7	Yes (8 sites)	Yes (8 sites)
Other Sites	18	18	89	89	10	10	Yes (9 sites)	Yes (9 sites)
TOTALS	87	87	2,006	2,006	47	47		
INCREASE/(DECREASE)		0		0		0		

⁽¹⁾ FY 2010 is actual site information while FY 2011 reflects planned site information.

⁽²⁾ Disposal Cells/Systems planned are counted individually, may be counted as systems upon transition.

⁽³⁾ The fee land and wells for the Bear Creek and Gas Hills North, WY, sites have transferred to DOE, but the Title II private license has not been terminated. These sites are not yet under the DOE general license.

Appendix H: Land Having Legacy Management LTS&M Activities – as of June 30, 2011



DOE – Owned (Fee Simple)

Withdrawn (includes 25,545 acres withdrawn for uranium/vanadium mining, of which roughly 700 acres will be used. BLM manages all other surface uses.)

Non DOE-Owned Site/Land with Rights to Conduct Activities (e.g., surface/soil or groundwater restrictions, environmental monitoring, inspections)

Note: The fee land and wells for the Bear Creek and Gas Hills North, WY, sites have transferred to DOE, but the Title II private license has not been terminated. These sites are not yet under the DOE general license.

Appendix I: Acronyms

Comprehensive Environmental Response, Compensation, and Liability Act	CERCLA
Decontamination and Decommissioning	D&D
Department of Energy	Department of DOE
Fiscal Year	FY
Formerly Utilized Sites Remedial Action Program	FUSRAP
Long-Term Surveillance and Maintenance	LTS&M
Nuclear Regulatory Commission	NRC
Nuclear Waste Policy Act	NWPA
Office of Environmental Management	EM
Office of Legacy Management	LM
Resource Conservation and Recovery Act	RCRA
Uranium Mill Tailings Radiation Control Act	UMTRCA
U.S. Army Corps of Engineers	USACE