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**States Department of Energy**



**Savannah River Site**

**Federal Facility Agreement Annual  
Progress Report for Fiscal Year 2015**

**SRNS-RP-2015-00806**

**November 2015**

*Prepared by:*  
**Savannah River Nuclear Solutions, LLC**  
**Savannah River Site**  
**Aiken, SC 29808**

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*Prepared for*

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and  
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## **LIST OF ABBREVIATIONS AND ACRONYMS**

AM	Action Memorandum
CA	Corrective Action
CAR	Corrective Action Report
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CMIR	Corrective Measures Implementation Report
CMI/RAIP	Corrective Measures Implementation/Remedial Action Implementation Plan
CMP Pits	Chemicals, Metals, and Pesticides Pits
CPRB	Coal Pile Runoff Basin
D&D	Deactivation and Decommissioning
DRC	Dispute Resolution Committee
EA	Early Action
EE/CA	Engineering Evaluation/Cost Analysis
EC&ACP	Environmental Compliance and Area Completion Projects
ECODS	Early Construction and Operational Disposal Site
EMR	Effectiveness Monitoring Report
ESD	Explanation of Significant Differences
FMB	Fourmile Branch
FFA	Federal Facility Agreement
FSP	Field Sampling Plan
FY	Fiscal Year
GMR	Groundwater Monitoring Report
GSA	General Separations Area
GSACU	General Separations Area Consolidation Unit
GWM	Groundwater Monitoring
GWMZ	Groundwater Mixing Zone
HELP	Hydrologic Evaluation of Landfill Performance
HWCTR	Heavy Water Components Test Reactor
HWMF	Hazardous Waste Management Facility
IOU	Integrator Operable Unit
LLC	Limited Liability Company
LTR	Lower Three Runs
LUC	Land Use Control
LUCAP	Land Use Control Assurance Plan
LUCIP	Land Use Control Implementation Plan
MASB	M-Area Settling Basin
Met Lab	Metallurgical Laboratory
NBN	No Building Number

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**LIST OF ABBREVIATIONS AND ACRONYMS** (*Continued/End*)

ORWBG	Old Radioactive Waste Burial Ground
OU	Operable Unit
PAOU	P-Area Operable Unit
PB	Pen Branch
PCB	polychlorinated biphenyl
PER	Performance Evaluation Report
POC	Point of Compliance
PP	Proposed Plan
RACR	Remedial Action Completion Report
RADP	Removal Action Design Plan
RAOU	R-Area Operable Unit
RAR	Removal Action Report
RCRA	Resources Conservation and Recovery Act
RI	Remedial Investigation
ROD	Record of Decision
RSER	Removal Site Evaluation Report
SAP	Sampling and Analysis Plan
SB	Statement of Basis
SC	Steel Creek
SCDHEC	South Carolina Department of Health and Environmental Control
SE	Site Evaluation
SEA	Site Evaluation Area
SEC	Senior Executive Committee
SRFS	Savannah River and Floodplain Swamp
SRL	Savannah River Laboratory (now SRNL)
SRNL	Savannah River National Laboratory
SRNS	Savannah River Nuclear Solutions, LLC
SRS	Savannah River Site
SWP	Southwest Plume
TA	Temporary Authorization
USDA	United States Department of Agriculture
USDOE	United States Department of Energy
USDOE-HQ	United States Department of Energy-Headquarters
USDOE-SR	United States Department of Energy-Savannah River
USEPA	United States Environmental Protection Agency
UTR	Upper Three Runs
VOC	volatile organic compound
WSTS	Western Sector Treatment System

## **1.0 INTRODUCTION**

The Savannah River Site (SRS) Federal Facility Agreement (FFA) was negotiated between the United States Department of Energy (USDOE), the United States Environmental Protection Agency - Region 4 (USEPA), and the South Carolina Department of Health and Environmental Control (SCDHEC), collectively designated as the "Parties." USEPA made the FFA effective on August 16, 1993. The preparation and submittal of this report have been undertaken to meet the terms of Section XXV, Reporting, of the FFA.

This FFA Annual Progress Report summarizes information on activities performed during the Fiscal Year (FY) 2015 (October 1, 2014 to September 30, 2015) and activities planned for FY2016 (October 1, 2015 through September 30, 2016) by USEPA, SCDHEC, and USDOE at those units and areas identified for remediation in the FFA.

This report is presented in the sections described below.

### **1.1 Overview of FY2015**

This section contains a brief overview of the actions taken by USEPA, SCDHEC, and USDOE during FY2015 to implement the terms of the FFA.

### **1.2 Outcome of Extension Notifications and Requests**

This section contains information about Extension Notifications and Extension Requests affecting FFA main milestones, presented in tabular form.

### **1.3 Status of Site Evaluation Areas (SEAs), Resource Conservation and Recovery Act/Comprehensive Environmental Response, Compensation, and Liability Act (RCRA/CERCLA) Units, and Integrator Operable Units (IOUs)**

This section contains the information below, presented in tabular form:

- List of planned work for FY2015, including milestones, document submittals, risk assessments, site evaluations, remediation activities, and other field activities
  - List of work accomplished in FY2015, as documented in Appendix D of the FFA
  - List of work accomplished in FY2015, not documented in Appendix D of the FFA
  - List of activities extended by a Three-Party Agreement during FY2015 and a
  - List of work planned for FY2016, as documented in preliminary milestone agreements, including milestones, document submittals, risks assessments, site evaluations, remediation activities, and other field activities.
-

## 1.4 USDOE-Savannah River (SR) Contractors

Table 1 identifies the USDOE-SR contractors and their responsibilities.

**Table 1. USDOE-SR Contractors**

<b>Contractor Name</b>	<b>Responsibility</b>
Savannah River Nuclear Solutions, LLC	Management & Operating Contract
Savannah River Remediation LLC	Liquid Waste Contract
Savannah River Ecology Laboratory	Ecological Research
Savannah River Archaeological Research Program	Cultural Resource Management
Centerra - SRS	Security Services
USDA Forest Service – Savannah River	Natural Resource Management
Shaw AREVA MOX Services	MOX Fuel Fabrication Facility
Parsons	Salt Waste Processing Facility
Ameresco Federal Solutions, Inc.	Supply steam and electricity

## 2.0 OVERVIEW OF FY2015

The following subsections contain a synopsis of activities and accomplishments achieved by USEPA, SCDHEC, and USDOE throughout FY2015.

### 2.1 Field Activities

The Environmental Compliance and Area Completion Projects (EC&ACP) currently has 515 units in the program. Included in the 515 units are RCRA/CERCLA Units, SEAs, and facilities covered under the SRS RCRA permit renewal. At the beginning and end of FY2015, 412 units were complete or in the remediation phase (400 complete and 12 in the remediation phase).

A Remedial Investigation (RI) Field Start was initiated at the following unit:

- Upper Three Runs IOU (Including Tims Branch [No Building Number, NBN]) Fourth Phase II

Removal Actions were initiated at the following units:

- D-Area Ash Basin (488-2D)
- D-Area Coal Pile Runoff Basin (489-D)

A Remedial Action was initiated and completed at the following unit:

- TNX Operable Unit (OU)

During FY2015, USDOE installed hog barrier fences. These fences are not required by any Record of Decision (ROD), Land Use Control Implementation Plan (LUCIP), or any other regulatory requirement. They were installed by USDOE as a cost-saving initiative to prevent damage by feral hogs to caps/covers that USDOE are required to maintain over waste left in place for protection of human health and the environment.

Hog barrier fence installation was initiated and completed as a cost-saving maintenance activity to protect soil covers / engineered caps at the following units:

- A-Area Burning/Rubble Pits (731-A and -1A) and Rubble Pit (731-2A) [including the A-Area Ash Pile (788-2A)] OU
- Central Shops Burning/Rubble Pits (631-1G and -3G) OU
- F-Area Burning/Rubble Pits (231-F, -1F, and -2F) OU
- L-Area Oil / Chemical Basin (904-83G) OU
- P-Area Ash Basin (including Outfall P-007) (188-P) OU
- P-Area Bingham Pump Outage Pit (643-4G) OU
- P-Area Burning/Rubble Pit (131-P) OU
- R-Area Ash Basin (188-R) OU
- R-Area Bingham Pump Outage Pits (643-8G, -9G, and -10G) OU
- SRL Seepage Basins (904-53G1, -53G2, -54G, and -55G) OU

In addition, hog barrier fence installation was initiated at the following units:

- Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) OU
  - General Separations Area Consolidated Unit (specifically, HP-52 Outfall and Warner's Pond)
  - K-Area Bingham Pump Outage Pit (643-1G) OU
  - T Area OU (T-Area cap cover)
-

## **2.2 RODs and/or Explanation of Significant Differences (ESDs)**

An Early Action ROD was submitted, approved, and issued for the following area OU, including the D&D Facilities:

- C Area OU
  - Building 106-C, Process Water Storage Tank
  - Building 107-C, Cooling Water Effluent Sump
  - Building 109-C, Storage Basin
  - Building 710-C, Pre-Manufactured Metal Shelter
  - Building 717-C, Contaminated Maintenance Facility
  - Building 904-89G, Retention Basin for 100-C Containment
  - C-Area Process Sewer Lines as Abandoned (NBN)
  - C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)
  - Containment Tank C803-7-1 (NBN)
  - ECODS C-1 (Near C-Area Reactor Discharge Canal (NBN)
  - Potential Release from C-Area Disassembly Basin (NBN)
  - Potential Release from C-Area Reactor Cooling Water System (186/190-C)

An ESD was approved for the following OU:

- A-Area Miscellaneous Rubble Pile (731-6A) OU

The Fifth Five-Year Remedy Review Report for Operable Units with Native Soil Covers and/or Land Use Controls was approved.

## **2.3 Post-ROD Documents**

A Corrective Measures Implementation Report/Remedial Action Completion Report (CMIR/RACR) was approved for the following area OU, including the Deactivation and Decommissioning (D&D) Facilities:

- B Area OU
  - Building 770-U, Heavy Water Components Test Reactor (HWCTR)
  - Early Construction and Operational Disposal Site (ECODS) B-3 (East of B-Area, South of Road C) (NBN) and ECODS B-5 (NBN)

## **2.4 Annual Update of FFA Appendices**

USDOE submits six (6) FFA appendices to USEPA and SCDHEC for their review, comment, and approval each fiscal year:

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### ***2.4.1 Appendices C, G, H, and K***

In accordance with the terms of the FFA, USDOE submitted Revision 0 of Appendix C, RCRA/CERCLA Units List, Appendix G, SEAs, and Appendix K, D&D Facilities for FY2015, on September 22, 2014. SCDHEC and USEPA approved the Revision 0 Appendices C, G and K on January 15, 2015 and February 6, 2015, respectively.

In accordance with the terms of the FFA, USDOE submitted Revision 0 of Appendix H, Solid Waste Management Units for FY2015, on September 22, 2014. SCDHEC and USEPA approved the Revision 0 Appendix H on January 15, 2015 and February 6, 2015, respectively.

These four (4) appendices are due by October 1 of each year.

### ***2.4.2 Appendix D, Timetables and Deadlines***

Appendix D identifies current fiscal year milestones. After receipt of their annual budget, USDOE develops this list based on the allocated funding. Appendix D is due 30 business days after receipt of the annual budget allotment from USDOE-Headquarters (HQ). USDOE submitted the FY2015 Budget Allotment notification and Revision 0 Appendix D for FY2015 on June 16, 2015. SCDHEC and USEPA approved the Revision 0 Appendix D on June 15, 2015 and July 1, 2015, respectively.

The Revision 0 Appendix D for FY2015, Timetables and Deadlines, lists numerous milestone dates. These include primary documents, annual updates to the FFA Appendices, Site Evaluation Reports, supporting documents, the initiation of RCRA Facility Investigation (RFI)/RI Field Starts and Remedial Action Starts, and the issuance of RODs. All milestones listed in Appendix D (i.e., all enforceable milestones for FY2015) were accomplished on time or ahead of schedule.

### ***2.4.3 Appendix E, Long Term Projections***

Appendix E identifies out-year milestones. The Parties use this appendix to develop an understanding of the resource needs that the implementation and oversight of the environmental restoration activities will require. In accordance with the FFA, USDOE submitted Revision 0 of Appendix E, Long Term Projections for FY2015, on November 17, 2015. SCDHEC and USEPA provided comments on the Revision 0 Appendix E in their respective letters dated December 30, 2014 and December 31, 2014. USDOE submitted an extension request of 30 days for the submittal of Revision 1 of Appendix E, Long Term Projections for FY2015, on January 30, 2015. SCDHEC and USEPA approved the extension request in e-mails dated January 30, 2015. The SCDHEC and USEPA approval letters for the extension request are dated February 3, 2015. The Revision 1 Appendix E for FY2015 was submitted on March 2, 2015. SCDHEC and USEPA approved Revision 1 of Appendix E on March 31, 2015 and March 26, 2015, respectively.

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Appendix E is due by November 15 of each year. Per the FFA if any submittal is due on a Saturday, Sunday, or holiday, it shall be due on the following business day.

## **2.5 Disputes**

On August 12, 2014, the USDOE submitted an extension request for the operational closure of four tanks by September 30, 2015. The extension letter stated that two tanks (5F and 6F) were operationally closed twenty months ahead of schedule. The extension letter requested a 15-month extension for the operational closure of the remaining two tanks (12H and 16H). The SCDHEC's and USEPA's letters (dated August 29, 2014) of non-concurrence were received by the USDOE on September 2, 2014. On September 18, 2014, the USDOE submitted a letter to the USEPA and SCDHEC invoking the informal dispute process for the extension request for operational closure of Tanks 12H and 16H. On October 14, 2015, the SCDHEC provided a response to the USDOE letter agreeing to participate in the FFA Section XXVII, Resolution of Disputes, process as outlined in the FFA as a good faith measure, while retaining final decision authority as specified in FFA Section IX, High-Level Radioactive Waste Tank System(s). On January 13, 2015, the SCDHEC requested that the matter be elevated to the Dispute Resolution Committee (DRC) since USDOE, SCDHEC, and USEPA could not reach a decision during informal dispute resolution (discussions held on October 15, 2014 and November 14, 2014). The DRC signed a "Statement of Partial Resolution of Dispute Concerning Extension of Federal Facility Agreement (FFA) Closure Date" on February 10, 2015, which extended the milestone for operational closure of three of the four tanks to October 27, 2015. However, the DRC was unable to reach unanimous resolution for the remaining item under dispute, which was the operational closure milestone date for Tank 12H. Therefore, the DRC elevated the remaining item to the Senior Executive Committee (SEC) for resolution in accordance with FFA Section XXVII.E. The SEC resolved the operational closure milestone date for Tank 12H in the "Statement of Resolution of Dispute Concerning Extension of Federal Facility Agreement (FFA) Closure Date" that was signed on April 27, 2015.

## **2.6 Site Evaluation Program**

Section X of the FFA requires USDOE to submit to USEPA and SCDHEC Removal Site Evaluation (SE) Reports for those areas with potential or known releases of hazardous substances not identified before the effective date of the agreement. USDOE did not submit any Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) documents or RSERs during FY2015.

Section X of the FFA also requires USDOE to submit Remedial SE Reports to the USEPA and SCDHEC for those areas listed in Appendix G.1 of the Agreement. USDOE did not submit any Remedial SE Reports during FY2015.

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### **3.0 OUTCOME OF EXTENSION NOTIFICATIONS AND REQUESTS**

The FFA provides for two (2) types of extensions for milestones: 1) an Extension Notification or 2) an Extension Request.

An Extension Notification is covered under the terms of Section XXII, Review/Comment on Documents, Subsection G, Review and Comment on Documents. USEPA or SCDHEC may extend their review/comment period up to 30 days, and SRS may extend its revision period up to 30 days. These extensions require the notifying Party to provide written notification of the extension. These extensions do not require the other Party's approval. However, if an Extension Notification impacts a subsequent milestone, it may necessitate the submittal of an Extension Request.

During FY2015, SRS submitted three (3) Extension Requests and Extension Notifications. Table 2 documents the outcome of extension notifications and requests for FY2015. The table describes the main milestone affected.

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**Table 2. Extension Notifications and Requests**

<b>USDOE Letter Number</b>	<b>Letter Date</b>	<b>Unit Affected</b>	<b>Main Milestone Affected</b>	<b>Request or Notification</b>	<b>Extension (From/To)</b>	<b>Outcome</b>
N/A	11/06/2014	TNX Area OU	USEPA Thirty Day Extension Notification for the 2013 Comprehensive TNX Area Annual Groundwater and Effectiveness Strategy Report	Notification	10/27/2014 to 11/27/2014	N/A
N/A	12/03/2014	D-Area Oil Seepage Basin (631-G) OU	USEPA Thirty Day Extension Notification for the 2013 Annual Mixing Zone Monitoring Report for the D-Area Oil Seepage Basin (631-G)	Notification	11/28/2014 to 12/28/2014	N/A
IACD-15-125	01/15/2015	D-Area Coal Pile Runoff Basin (489-D)	USDOE Request to Revise the D-Area Coal Pile Runoff Basin (489-D) Removal Action Federal Facility Agreement Milestones [i.e., Revision 1 Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) Submittal]	Request	02/26/2015 to Deleted	Approved
IACD-15-130	01/30/2015	General	USDOE Extension Request for the Federal Facility Agreement (FFA) Revision 1 Appendix E, Long Term Projections for Fiscal Year 2015	Request	01/31/2015 to 03/02/2015	Approved
N/A	02/02/2015	D-Area Coal Pile Runoff Basin (489-D)	USEPA Thirty Day Extension Notification for the Request to Revise the D-Area Coal Pile Runoff Basin (489-D) Removal Action Federal Facility Agreement Milestones	Notification	02/02/2015 to 03/02/2015	N/A
N/A	02/02/2015	Chemicals, Metals, and Pesticides (CMP) OU	USEPA Thirty Day Extension Notification for the Sampling and Analysis Plan for the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit	Notification	02/03/2015 to 03/03/2015	N/A
N/A	03/26/2015	General	USEPA Thirty Day Extension Notification for the Fifth Five-Year Remedy Review Report for SRS Operable Units with Native Soil Covers and/or Land Use Controls (Revision 0)	Notification	03/19/2015 to 04/19/2015	N/A

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**Table 2. Extension Notifications and Requests (Continued/End)**

<b>USDOE Letter Number</b>	<b>Letter Date</b>	<b>Unit Affected</b>	<b>Main Milestone Affected</b>	<b>Request or Notification</b>	<b>Extension (From/To)</b>	<b>Outcome</b>
IACD-15-145	05/07/2015	Chemicals, Metals, and Pesticides (CMP) OU	USDOE Thirty-Day Extension Notification for the Sampling and Analysis Plan for the A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit (SRNS-RP-2015-00007, Revision 1) (Redline Pages and Clean Copy) and Savannah River Site's Responses to the Regulatory Comments on the Revision 0 Document	Notification	05/09/2015 to 06/08/2015	N/A
N/A	05/07/2015	D-Area Coal Pile Runoff Basin (489-D)	USEPA Thirty Day Extension Notification for the Draft Revision 3 Action Memorandum for the Non-Time Critical Removal Action for the D-Area Coal Pile Runoff Basin (489-D)	Notification	05/07/2015 to 06/07/2015	N/A
N/A	05/11/2015	D-Area Oil Seepage Basin (631-G) OU	USEPA Thirty Day Extension Notification for the Savannah River Site's Responses to EPA Comments on the 2013 Annual Mixing Zone Monitoring Report for the D-Area Oil Seepage Basin (631-G)	Notification	04/30/2015 to 05/30/2015	N/A

N/A = not applicable

#### **4.0 STATUS OF SEAS, RCRA/CERCLA UNITS AND IOUS**

Tables 2 and 3 document work planned, work accomplished, activities extended in FY2015, and work planned for FY2016. Table 2 presents a listing of SEAs, RCRA/CERCLA Units, and IOUs in alphabetical order. Table 3 presents the same information, grouped by watershed. The milestones identified in Tables 2 and 3 are those listed in Appendix D of the FFA. Milestones/Submittals accomplished, not included in Appendix D, are included under the column "FY2015 Work Accomplished (Other)".

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**Table 3. Status of Site Evaluation Areas, RCRA/CERCLA Units, and Integrator Operable Units (by Name)**

<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
A-Area Burning/Rubble Pits (731-A, 731-1A) and A-Area Rubble Pit (731-2A) and Miscellaneous Chemical Basin (741-4A) / Metal Burning Pit (731-5A) [includes the A-Area Ash Pile (788-2A)] OU	<ul style="list-style-type: none"> <li>• Submit Annual Performance Evaluation Report (PER)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual PER</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>
A-Area Miscellaneous Rubble Pile (731-6A) OU	<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Sampling and Analysis Plan (SAP) (Revision 0)</li> <li>• Submitted SAP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual PER</li> <li>• Issue ESD</li> </ul>
A-Area Ash Pile (788-0A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) OU	<ul style="list-style-type: none"> <li>• Perform berm stability inspection</li> </ul>		<ul style="list-style-type: none"> <li>• Performed berm stability inspection</li> </ul>	<ul style="list-style-type: none"> <li>• Perform berm stability inspection</li> </ul>
B-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>• Submit Corrective Measures Implementation Report/Remedial Action Completion Report (CMIR/RACR) (Revision 1)</li> <li>• Conduct post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted CMIR/RACR (Revision 1)</li> <li>• Conducted post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct post-closure activities</li> </ul>
C-Area Burning/Rubble Pit and Old C-Area Burning/Rubble Pit OU	<ul style="list-style-type: none"> <li>• Submit Biennial Effectiveness Monitoring Report (EMR)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted EMR</li> </ul>		<ul style="list-style-type: none"> <li>• Conduct post-closure activities</li> </ul>
C-Area Groundwater OU	<ul style="list-style-type: none"> <li>• Submit Annual Sampling Data Report</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual Sampling Data Report</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual Sampling Data Report</li> </ul>

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**Table 3. Status of Site Evaluation Areas, RCRA/CERCLA Units, and Integrator Operable Units (by Name) (Continued)**

<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
C-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>• Submit Early Action (EA) Statement of Basis/Proposed Plan (SB/PP) (Certified, Clean Copy)</li> <li>• Submit EA ROD (Revision 0)</li> <li>• Submit EA ROD (Revision 1)</li> <li>• Issue EA ROD</li> <li>• Submit EA LUCIP (Revision 0)</li> <li>• Submit EA LUCIP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted EA ROD (Revision 0)</li> <li>• Issued EA ROD</li> <li>• Submitted EA LUCIP (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>• Submit (EA SB/PP (Certified, Clean Copy)</li> <li>• Submitted EA ROD (Revision 1)</li> <li>• Submitted EA LUCIP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Initiate EA Remedial Action</li> <li>• Submit CMIR/RACR (Revision 0)</li> <li>• Submit CMIR/RACR (Revision 1)</li> </ul>
C-Reactor Complex	<ul style="list-style-type: none"> <li>• Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities (EA)</li> </ul>
CMP Pits (080-170G, -171G, -180G, -181G, -182G, -183G, -190G ) OU	<ul style="list-style-type: none"> <li>• Submit Annual EMR</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual EMR</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Annual EMR</li> </ul>
D-Area Expanded OU	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
D-Area Groundwater OU	<ul style="list-style-type: none"> <li>• Submit Groundwater Monitoring (GWM) Report</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted GWM Report</li> </ul>		<ul style="list-style-type: none"> <li>• Submit GWM Letter Report</li> </ul>
D-Area Oil Seepage Basin (631-G) OU	<ul style="list-style-type: none"> <li>• Submit Groundwater Mixing Zone (GWMZ) Letter Report</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted GWMZ Letter Report</li> </ul>		<ul style="list-style-type: none"> <li>• Submit GWMZ Report</li> </ul>
D-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>• Submit D-Area Ash Basin (488-2D) Action Memorandum (AM)</li> <li>• Initiate the D-Area Ash Basin (488-2D) Removal Action</li> <li>• Submit D-Area Coal Pile Runoff Basin (CPRB) (489-D) Revised AM</li> <li>• Initiate the D-Area CPRB (489-D) Removal Action</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted D-Area Ash Basin (488-2D) AM</li> <li>• Initiated the D-Area Ash Basin (488-2D) Removal Action</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted D-Area CPRB (489-D) FSP (Revision 0)</li> <li>• Submitted D-Area Ash Basin (488-1D) FSP (Revision 1)</li> <li>• Submitted D-Area Ash Landfill (488-4D) and D-Area Ash Basin (488-2D) Removal Action Design Plan (RADP) (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>• Submit D-Area Ash Basin (488-1D) RSER/EE/CA (Revision 0)</li> <li>• Submit D-Area Ash Basin (488-1D) AM</li> </ul>

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RCRA/CERCLA Units or Site Evaluation Areas	FY2015 Work Planned	FY2015 Work Accomplished (Appendix D Milestones)	FY2015 Work Accomplished (Other)	FY2016 Work Planned
D-Area Operable Unit <sup>1</sup> (continued)	<ul style="list-style-type: none"> <li>• Submit D-Area CPRB (489-D) Field Sampling Plan (FSP) (Revision 0)</li> <li>• Submit D-Area Ash Basin (488-1D) FSP (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted the D-Area CPRB (489-D) Revised AM</li> <li>• Initiated the D-Area CPRB (489-D) Removal Action</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted D-Area Ash Landfill (488-4D) and D-Area Ash Basin (488-2D) RADP (Revision 1)</li> <li>• Submitted the D-Area Ash Landfill (488-4D) Closure Cap Hydrologic Evaluation of Landfill Performance (HELP) Modeling</li> <li>• Submitted the D-Area Ash Landfill (488-4D) Cover System White Paper on the Hydrologic Evaluation of Landfill Performance (HELP) Model Evaluation</li> </ul>	
E-Area Low Level Waste Facility (643-26E)	<ul style="list-style-type: none"> <li>• Continue post-construction activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-construction activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-construction activities</li> </ul>
Early Construction and Operational Disposal Site (ECODS) L-1, N-2, P-2, R-1A, R-1B, & R-1C OU	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
F- and H-Area Hazardous Waste Management Facilities (HWMFs) Groundwater	<ul style="list-style-type: none"> <li>• Collect quarterly samples from Fourmile Branch (FMB) and seepline</li> <li>• Collect monthly flow measurements and tritium samples from FMB</li> <li>• Continue F-Area base injection system operations</li> </ul>		<ul style="list-style-type: none"> <li>• Collected quarterly samples from FMB and seepline</li> <li>• Collected monthly flow measurements and tritium samples from FMB</li> <li>• Continued F-Area base injection system operations</li> </ul>	<ul style="list-style-type: none"> <li>• Collect quarterly samples from FMB and seepline</li> <li>• Collect monthly flow measurements and tritium samples from FMB</li> </ul>

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<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
F- and H-Area Hazardous Waste Management Facilities (HWMFs) Groundwater (continued)	<ul style="list-style-type: none"> <li>Perform F-Area silver chloride injections</li> <li>Submit Annual Corrective Action Report (CAR)</li> <li>Submit proposed Point of Compliance (POC) Wells for Appendix IX sampling</li> </ul>		<ul style="list-style-type: none"> <li>Performed F-Area silver chloride injections</li> <li>Submitted Annual CAR</li> <li>Submitted proposed POC Wells for Appendix IX sampling</li> </ul>	<ul style="list-style-type: none"> <li>Continue base injection system operations</li> <li>Submit Annual CAR</li> <li>Submit proposed POC Wells for Appendix IX sampling</li> </ul>
F-Area Retention Basin (281-3F) OU	<ul style="list-style-type: none"> <li>Conduct groundwater sampling under General Separations Area (GSA) Western Groundwater OU</li> </ul>		<ul style="list-style-type: none"> <li>Completed groundwater sampling under GSA Western Groundwater OU</li> </ul>	<ul style="list-style-type: none"> <li>Conduct groundwater sampling under GSA Western Groundwater OU</li> </ul>
Fourmile Branch IOU				<ul style="list-style-type: none"> <li>Submit Periodic Report 5 (Revision 0)</li> </ul>
General Separations Area Consolidation Unit (GSACU) [Combines H-Area Retention Basin (281-3H), HP-52 Ponds (NBN), Old Radioactive Waste Burial Ground (ORWBG) (643-E), and Warner's Pond (685-23G)]	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
GSA Eastern Groundwater OU (NBN) [Formerly the H-Area Groundwater OU (NBN)]	<ul style="list-style-type: none"> <li>Collect annual groundwater samples</li> </ul>		<ul style="list-style-type: none"> <li>Collected annual groundwater samples</li> </ul>	<ul style="list-style-type: none"> <li>Collect annual groundwater samples</li> </ul>
GSA Western Groundwater OU (NBN) [Formerly the F-Area Tank Farm Groundwater and F-Area Canyon Groundwater OUs (NBN)]	<ul style="list-style-type: none"> <li>Collect annual groundwater samples</li> </ul>		<ul style="list-style-type: none"> <li>Collected annual groundwater samples</li> </ul>	<ul style="list-style-type: none"> <li>Collect annual groundwater samples</li> </ul>

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<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
Gunsite 012 OU [consisting of Gunsite 012 Rubble Pile (NBN), Rubble Pile Across from Gunsite 012 (NBN), and ECODS G-3 (NBN)]	<ul style="list-style-type: none"> <li>Conduct post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Conducted post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Conduct post-closure activities</li> </ul>
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G), L-Area Burning/Rubble Pit and Rubble Pile (131-L, 131-3L, 131-2L) and P-Area Burning/ Rubble Pit (131-P) OUs	<ul style="list-style-type: none"> <li>Submit Combined Groundwater Monitoring Report (GMR) (Sampling Summary)</li> </ul>	<ul style="list-style-type: none"> <li>Submitted Combined GMR (Sampling Summary)</li> </ul>		<ul style="list-style-type: none"> <li>Submit Combined GMR (Sampling Summary)</li> </ul>
K-Reactor Complex	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>
L-Area Southern Groundwater OU	<ul style="list-style-type: none"> <li>Conduct groundwater monitoring</li> </ul>		<ul style="list-style-type: none"> <li>Conducted groundwater monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Conduct groundwater monitoring</li> <li>Submit EMR</li> </ul>
L-Reactor Complex	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>
Lower Three Runs (LTR) IOU [Including PAR Pond (685G), Pre-Cooler Ponds and Canals, and Old R Area Discharge Canal]	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>
M-Area Operable Unit 1	<ul style="list-style-type: none"> <li>Continue operation, maintenance, and monitoring activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued operation, maintenance, and monitoring activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue operation, maintenance, and monitoring activities</li> </ul>

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RCRA/CERCLA Units or Site Evaluation Areas	FY2015 Work Planned	FY2015 Work Accomplished (Appendix D Milestones)	FY2015 Work Accomplished (Other)	FY2016 Work Planned
M-Area HWMF: Vadose Zone (643-28G)	<ul style="list-style-type: none"> <li>• Continue characterization of vadose zone</li> <li>• Continue operations of M-Area Settling Basin (MASB) Western Sector Treatment System (WSTS) and other vadose zone corrective action (CA) systems</li> <li>• Submit annual WSTS polychlorinated biphenyl (PCB) progress report</li> <li>• Submit annual CA and GMR</li> <li>• Submit Field Summary and Data Report of Characterization Activities Performed at the M-Area Abandoned Process Sewer Lines</li> <li>• Submit Vapor Extraction Well Performance and Recommendations for Future Soil Vapor Extraction Activities at the A-014 Outfall</li> <li>• Submit Southern Sector Phase III Characterization Plan</li> <li>• Submit Temporary Authorization (TA) Request for the M-Area HWMF: Southern Sector Humate Amendment</li> </ul>		<ul style="list-style-type: none"> <li>• Continued characterization of vadose zone</li> <li>• Continued operations of MASB WSTS and other vadose zone CA systems</li> <li>• Submitted annual WSTS PCB progress report</li> <li>• Submitted annual CA and GMR</li> <li>• Submitted Field Summary and Data Report of Characterization Activities Performed at the M-Area Abandoned Process Sewer Lines</li> <li>• Submitted Vapor Extraction Well Performance and Recommendations for Future Soil Vapor Extraction Activities at the A-014 Outfall</li> <li>• Submitted Southern Sector Phase III Characterization Plan</li> <li>• Submitted TA Request for the M-Area HWMF: Southern Sector Humate Amendment</li> </ul>	<ul style="list-style-type: none"> <li>• Continue operations of MASB WSTS and other vadose zone CA systems</li> <li>• Submit annual WSTS PCB progress report</li> <li>• Submit annual CA and GMR</li> <li>• Submit 2000 RCRA Part B Permit Renewal Application (Revision 8)</li> <li>• Submit Southern Sector SSR-010 Well Rehabilitation Report</li> </ul>

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<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
M-Area HWMF: A/M Area Groundwater Portion (904-110G)	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued operation of the WSTS and other CA systems</li> <li>• Continue additional characterization of suspect volatile organic compound (VOC) sources</li> <li>• Continue groundwater monitoring</li> <li>• Submit the annual CA and GMR</li> <li>• Submit Southern Sector Phase III Characterization Plan</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued operation of WSTS and other CA systems</li> <li>• Continued additional characterization of suspect VOC sources</li> <li>• Continued groundwater monitoring</li> <li>• Submitted annual CA and GMR</li> <li>• Submitted Southern Sector Phase III Characterization Plan</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued operation of the WSTS and other CA systems</li> <li>• Continue additional characterization of suspect VOC sources</li> <li>• Continue groundwater monitoring</li> <li>• Submit the annual CA and GMR</li> <li>• Submit 2000 RCRA Part B Permit Renewal Application (Revision 8)</li> </ul>
M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) OU	<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual PER</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>
M-Area Settling Basin (904-51G)	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>

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RCRA/CERCLA Units or Site Evaluation Areas	FY2015 Work Planned	FY2015 Work Accomplished (Appendix D Milestones)	FY2015 Work Accomplished (Other)	FY2016 Work Planned
Metallurgical Laboratory (Met Lab) / Carolina Bay (904-110G)	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continue groundwater monitoring</li> <li>• Submit annual CA and GMR</li> <li>• Continue operation of the existing Met Lab recovery wells and BaroBall™ wells</li> <li>• Continue post-closure activities</li> <li>• Submit Field Summary and Data Analysis Report of Characterization Activities Performed at the MetLab</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued groundwater monitoring</li> <li>• Submitted annual CA and GMR</li> <li>• Continued operation of the existing Met Lab recovery wells and BaroBall™ wells</li> <li>• Continue post-closure activities</li> <li>• Submitted Field Summary and Data Analysis Report of Characterization Activities Performed at the MetLab</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continue groundwater monitoring</li> <li>• Submit annual CA and GMR</li> <li>• Continue operation of the existing Met Lab recovery wells and BaroBall™ wells</li> <li>• Continue post-closure activities</li> <li>• Submit 2000 RCRA Part B Permit Renewal Application (Revision 8)</li> </ul>
Mixed Waste Management Facility (Groundwater)	<ul style="list-style-type: none"> <li>• Continue operation and effectiveness monitoring of the Tritium phytoremediation system at the Southwest Plume (SWP)</li> <li>• Submit Annual CAR</li> <li>• Maintain compliance with groundwater monitoring</li> <li>• Submit the proposed POC Wells for Appendix IX sampling</li> </ul>		<ul style="list-style-type: none"> <li>• Continued operation and effectiveness monitoring of the Tritium phytoremediation system at the SWP</li> <li>• Submitted Annual CAR</li> <li>• Maintained compliance with groundwater monitoring</li> <li>• Submitted the proposed POC Wells for Appendix IX sampling</li> </ul>	<ul style="list-style-type: none"> <li>• Continue operation and effectiveness monitoring of the Tritium phytoremediation system at the SWP</li> <li>• Submit Annual CAR</li> <li>• Maintain compliance with groundwater monitoring</li> <li>• Submit the proposed POC Wells for Appendix IX sampling</li> </ul>

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<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
P-Area Operable Unit (PAOU) <sup>1</sup>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
Pen Branch IOU	<ul style="list-style-type: none"> <li>Submit Periodic Report 4 (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>Submitted Periodic Report 4 (Revision 0)</li> </ul>		<ul style="list-style-type: none"> <li>Submit Periodic Report 4 (Revision 1)</li> <li>Initiate Fourth Phase II Field Start</li> </ul>
R-Area Operable Unit (RAOU) <sup>1</sup>	<ul style="list-style-type: none"> <li>Submit Groundwater EMR</li> <li>Continue post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Submitted Groundwater EMR</li> </ul>	<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Submit Groundwater EMR</li> <li>Continue post-closure activities</li> </ul>
R-Area Burning/Rubble Pits (131-R, -1R) and Rubble Pile (631-25G) OU	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) and 108-4R Overflow Basin OU	<ul style="list-style-type: none"> <li>Continue post-closure monitoring activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure monitoring activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure monitoring activities</li> <li>Submit GWMZ Report</li> </ul>
Sanitary Landfill (740-G) Groundwater	<ul style="list-style-type: none"> <li>Submit Annual CA and GMR</li> <li>Continue groundwater monitoring</li> </ul>		<ul style="list-style-type: none"> <li>Submitted Annual CA and GMR</li> <li>Continued groundwater monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Submit Annual CA and GMR</li> <li>Continue groundwater monitoring</li> </ul>
Sanitary Landfill (740-G)	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
Silverton Road Waste Site (731-3A)	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
SRL Seepage Basins (904-53G1, 904-53G2, 904-54G, 904-55G) OU	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>

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<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
T-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Completed post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
TNX Operable Unit	<ul style="list-style-type: none"> <li>• Submit 2014 Comprehensive Annual Groundwater and Effectiveness Monitoring Strategy Report</li> <li>• Submit Second Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP)</li> <li>• Perform oil injections (edible and neat)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted 2014 Comprehensive Annual Groundwater and Effectiveness Monitoring Strategy Report</li> <li>• Submitted Second CMI/RAIP</li> </ul>	<ul style="list-style-type: none"> <li>• Performed oil injections (edible and neat)</li> </ul>	<ul style="list-style-type: none"> <li>• Submit 2015 Comprehensive Annual Groundwater and Effectiveness Monitoring Strategy Report</li> </ul>
Upper Three Runs IOU	<ul style="list-style-type: none"> <li>• Submit Periodic Report 4 (Revision 1)</li> <li>• Initiate Fourth Phase II Field Start</li> </ul>	<ul style="list-style-type: none"> <li>• Initiated Fourth Phase II Field Start</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Periodic Report 4 (Revision 1)</li> <li>• Submitted Periodic Report 4 (Revision 1.1)</li> </ul>	

<sup>1</sup>FFA Appendix C.5 lists the Units and D&D Facilities (or Remnants) assigned to each Area Operable Unit.

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**Table 4. Status of Site Evaluation Areas, RCRA/CERCLA Units, and Integrator Operable Units (by Watershed)**

<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
FMB	C-Area Burning/Rubble Pit and Old C-Area Burning/Rubble Pit OU	<ul style="list-style-type: none"> <li>• Submit Biennial EMR</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Biennial EMR</li> </ul>		<ul style="list-style-type: none"> <li>• Conduct post-closure activities</li> </ul>
	C-Area Groundwater OU	<ul style="list-style-type: none"> <li>• Submit Annual Sampling Data Report</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual Sampling Data Report</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual Sampling Data Report</li> </ul>
	C-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>• Submit EA SB/PP (Certified, Clean Copy)</li> <li>• Submit EA ROD (Revision 0)</li> <li>• Submit EA ROD (Revision 1)</li> <li>• Issue EA ROD</li> <li>• Submit EA LUCIP (Revision 0)</li> <li>• Submit EA LUCIP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted EA ROD (Revision 0)</li> <li>• Issued EA ROD</li> <li>• Submitted EA LUCIP (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted EA SB/PP (Certified, Clean Copy)</li> <li>• Submitted EA ROD (Revision 1)</li> <li>• Submitted EA LUCIP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Initiate EA Remedial Action</li> <li>• Submit EA CMIR/RACR (Revision 0)</li> <li>• Submit EA CMIR/RACR (Revision 1)</li> </ul>
	C-Reactor Complex	<ul style="list-style-type: none"> <li>• Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities (EA)</li> </ul>
	F- and H-Area HWMFs Groundwater	<ul style="list-style-type: none"> <li>• Collect quarterly samples from FMB and seep line</li> <li>• Collect monthly flow measurements and tritium samples from FMB</li> <li>• Continue F-Area base injection system operations</li> <li>• Perform F-Area silver chloride injections</li> <li>• Submit Annual CAR</li> <li>• Submit proposed POC Wells for Appendix IX sampling</li> </ul>		<ul style="list-style-type: none"> <li>• Collected quarterly samples from FMB and seep line</li> <li>• Collected monthly flow measurements and tritium samples from FMB</li> <li>• Continued F-Area base injection system operations</li> <li>• Performed F-Area silver chloride injections</li> <li>• Submitted Annual CAR</li> <li>• Submitted proposed POC Wells for Appendix IX sampling</li> </ul>	<ul style="list-style-type: none"> <li>• Collect quarterly samples from FMB and seep line</li> <li>• Collect monthly flow measurements and tritium samples from FMB</li> <li>• Continue base injection system operations</li> <li>• Submit Annual CAR</li> <li>• Submit proposed POC Wells for Appendix IX sampling</li> </ul>
	F-Area Retention Basin (281-3F)	<ul style="list-style-type: none"> <li>• Conduct groundwater sampling under GSA Western Groundwater OU</li> </ul>		<ul style="list-style-type: none"> <li>• Completed groundwater sampling under GSA Western Groundwater OU</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct groundwater sampling under GSA Western Groundwater OU</li> </ul>
	Fourmile Branch IOU				<ul style="list-style-type: none"> <li>• Submit Periodic Report 5 (Revision 0)</li> </ul>

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**Table 4. Status of Site Evaluation Areas, RCRA/CERCLA Units, and Integrator Operable Units (by Watershed) (Continued)**

<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
FMB (continued)	GSACU (Combines H-Area Retention Basin, [281-3H], HP-52 Ponds [NBN], ORWBG [643-E], and Warner's Pond [685-23G])	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	Mixed Waste Management Facility (Groundwater)	<ul style="list-style-type: none"> <li>Continue operation and effectiveness monitoring of the Tritium phytoremediation system at the SWP</li> <li>Submit Annual CAR</li> <li>Maintain compliance with groundwater monitoring</li> <li>Submit the proposed POC Wells for Appendix IX sampling</li> </ul>		<ul style="list-style-type: none"> <li>Continued operation and effectiveness monitoring of the Tritium phytoremediation system at the SWP</li> <li>Submitted Annual CAR</li> <li>Maintained compliance with groundwater monitoring</li> <li>Submitted the proposed POC Wells for Appendix IX sampling</li> </ul>	<ul style="list-style-type: none"> <li>Continue operation and effectiveness monitoring of Tritium phytoremediation system at the SWP</li> <li>Submit Annual CAR</li> <li>Maintain compliance with groundwater monitoring</li> <li>Submit the proposed POC Wells for Appendix IX sampling</li> </ul>
LTR	ECODS R-1A, R-1B, & R-1C	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	Gunsite 012 OU [consisting of Gunsite 012 Rubble Pile (NBN), Rubble Pile Across from Gunsite 012 (NBN), and ECODS G-3 (NBN)]	<ul style="list-style-type: none"> <li>Conduct post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Conducted post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Conduct post-closure activities</li> </ul>
	Lower Three Runs IOU (Including PAR Pond, 685G, Pre-Cooler Ponds and Canals, and Old R-Area Discharge Canal)	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>

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<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
LTR (continued)	RAOU <sup>1</sup>	<ul style="list-style-type: none"> <li>• Submit Groundwater EMR</li> <li>• Continue post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Groundwater EMR</li> </ul>	<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Groundwater EMR</li> <li>• Continue post-closure activities</li> </ul>
	R-Area Burning/Rubble Pits (131-R, -1R) and Rubble Pile (631-25G) OU	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
	R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) and 108-4R Overflow Basin OU	<ul style="list-style-type: none"> <li>• Continue post-closure monitoring activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure monitoring activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure monitoring activities</li> <li>• Submit GWMZ Report</li> </ul>
PB	CMP Pits (080-170G, -171G, -180G, -181G, -182G, -183G, -190G ) OU	<ul style="list-style-type: none"> <li>• Submit Annual EMR</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual EMR</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Annual EMR</li> </ul>
	ECODS N-2	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
	K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G), L-Area Burning/ Rubble Pit and Rubble Pile (131-L, 131-3L, and 131-2L) and P-Area Burning/Rubble Pit (131-P) OUs	<ul style="list-style-type: none"> <li>• Submit Combined GMR (Sampling Summary)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Combined GMR (Sampling Summary)</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Combined GMR (Sampling Summary)</li> </ul>
	K-Reactor Complex	<ul style="list-style-type: none"> <li>• Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities (EA)</li> </ul>
	Pen Branch IOU	<ul style="list-style-type: none"> <li>• Submit Periodic Report 4 (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Periodic Report 4 (Revision 0)</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Periodic Report 4 (Revision 1)</li> <li>• Initiate Fourth Phase II Field Start</li> </ul>

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<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
SC	ECODS L-1 and P-2	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	L-Area Southern Groundwater OU	<ul style="list-style-type: none"> <li>Conduct groundwater monitoring</li> </ul>		<ul style="list-style-type: none"> <li>Conducted groundwater monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Conduct groundwater monitoring</li> <li>Submit EMR</li> </ul>
	L-Reactor Complex	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities (EA)</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities (EA)</li> </ul>
	PAOU <sup>1</sup>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
SRFS	D-Area Expanded Operable Unit	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	D-Area Groundwater OU	<ul style="list-style-type: none"> <li>Submit GWM Report</li> </ul>	<ul style="list-style-type: none"> <li>Submitted GWM Report</li> </ul>		<ul style="list-style-type: none"> <li>Submit GWM Letter</li> </ul>
	D-Area Oil Seepage Basin (631-G) OU	<ul style="list-style-type: none"> <li>Submit GWMZ Letter Report</li> </ul>	<ul style="list-style-type: none"> <li>Submitted GWMZ Letter Report</li> </ul>		<ul style="list-style-type: none"> <li>Submit GWMZ Report</li> </ul>
	D-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>Submit D-Area Ash Basin (488-2D) AM</li> <li>Initiate the D-Area Ash Basin (488-2D) Removal Action</li> <li>Submit D-Area CPRB (489-D) Revised AM</li> <li>Initiate the D-Area CPRB (489-D) Removal Action</li> <li>Submit D-Area CPRB (489-D) FSP (Revision 0)</li> <li>Submit D-Area Ash Basin (488-1D) FSP (Revision 0)</li> </ul>	<ul style="list-style-type: none"> <li>Submitted D-Area Ash Basin (488-2D) AM</li> <li>Initiated the D-Area Ash Basin (488-2D) Removal Action</li> <li>Submitted the D-Area CPRB (489-D) Revised AM</li> <li>Initiated the D-Area CPRB (489-D) Removal Action</li> </ul>	<ul style="list-style-type: none"> <li>Submitted D-Area CPRB (489-D) FSP (Revision 0)</li> <li>Submitted D-Area Ash Basin (488-1D) FSP (Revision 1)</li> <li>Submitted D-Area Ash Landfill (488-4D) and D-Area Ash Basin (488-2D) RADP (Revision 0)</li> <li>Submitted D-Area Ash Landfill (488-4D) and D-Area Ash Basin (488-2D) RADP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>Submit D-Area Ash Basin (488-1D) RSER/EE/CA (Revision 0)</li> <li>Submit D-Area Ash Basin (488-1D) AM</li> </ul>

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<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
SRFS (continued)	D-Area Operable Unit <sup>1</sup> (continued)			<ul style="list-style-type: none"> <li>Submitted the D-Area Ash Landfill (488-4D) Closure Cap HELP Modeling</li> <li>Submitted the D-Area Ash Landfill (488-4D) Cover System White Paper on the HELP Model Evaluation</li> </ul>	
	M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) OU	<ul style="list-style-type: none"> <li>Submit Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>Submitted Annual PER</li> </ul>		<ul style="list-style-type: none"> <li>Submit Annual PER</li> </ul>
	M-Area Settling Basin (904-51G)	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	Silverton Road Waste Site (731-3A)	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	T-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>Completed post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue post-closure activities</li> </ul>
	TNX Operable Unit	<ul style="list-style-type: none"> <li>Submit 2014 Comprehensive Annual Groundwater and Effectiveness Monitoring Strategy Report</li> <li>Submit Second CMI/RAIP</li> <li>Perform oil injections (edible and neat)</li> </ul>	<ul style="list-style-type: none"> <li>Submitted 2014 Comprehensive Annual Groundwater and Effectiveness Monitoring Strategy Report</li> <li>Submitted Second CMI/RAIP</li> </ul>	<ul style="list-style-type: none"> <li>Performed oil injections (edible and neat)</li> </ul>	<ul style="list-style-type: none"> <li>Submit 2015 Comprehensive Annual Groundwater and Effectiveness Monitoring Strategy Report</li> </ul>

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**Table 4. Status of Site Evaluation Areas, RCRA/CERCLA Units, and Integrator Operable Units (by Watershed) (Continued)**

<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
UTR	A-Area Burning/Rubble Pits (731-A, 731-1A) and A-Area Rubble Pit (731-2A) and Miscellaneous Chemical Basin (741-4A) / Metal Burning Pit (731-5A) [includes the A-Area Ash Pile (788-2A)] OU	<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual PER</li> </ul>		<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>
	A-Area Miscellaneous Rubble Pile (731-6A) OU	<ul style="list-style-type: none"> <li>• Submit Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted Annual PER</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted SAP (Revision 0)</li> <li>• Submitted SAP (Revision 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual PER</li> <li>• Issue ESD</li> </ul>
	A-Area Ash Pile (788-0A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) OU	<ul style="list-style-type: none"> <li>• Perform berm stability inspection</li> </ul>		<ul style="list-style-type: none"> <li>• Performed berm stability inspection</li> </ul>	<ul style="list-style-type: none"> <li>• Perform berm stability inspection</li> </ul>
	B-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>• Submit CMIR/RACR (Revision 1)</li> <li>• Conduct post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Submit CMIR/RACR (Revision 1)</li> <li>• Conducted post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct post-closure activities</li> </ul>
	E-Area Low Level Waste Facility (643-26E)	<ul style="list-style-type: none"> <li>• Continue post-construction activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-construction activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-construction activities</li> </ul>
	GSA Eastern Groundwater OU (NBN) [Formerly H-Area Groundwater OU (NBN)]	<ul style="list-style-type: none"> <li>• Collect annual groundwater samples</li> </ul>		<ul style="list-style-type: none"> <li>• Collected annual groundwater samples</li> </ul>	<ul style="list-style-type: none"> <li>• Collect annual groundwater samples</li> </ul>

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<b>Watershed</b>	<b>RCRA/CERCLA Units or Site Evaluation Areas</b>	<b>FY2015 Work Planned</b>	<b>FY2015 Work Accomplished (Appendix D Milestones)</b>	<b>FY2015 Work Accomplished (Other)</b>	<b>FY2016 Work Planned</b>
UTR (continued)	GSA Western Groundwater OU (NBN) [Formerly F-Area Tank Farm Groundwater and F-Area Canyon Groundwater OUs (NBN)]	<ul style="list-style-type: none"> <li>Collect annual groundwater samples</li> </ul>		<ul style="list-style-type: none"> <li>Collected annual groundwater samples</li> </ul>	<ul style="list-style-type: none"> <li>Collect annual groundwater samples</li> </ul>
	M-Area Operable Unit <sup>1</sup>	<ul style="list-style-type: none"> <li>Continue operation, maintenance, and monitoring activities</li> </ul>		<ul style="list-style-type: none"> <li>Continued operation, maintenance, and monitoring activities</li> </ul>	<ul style="list-style-type: none"> <li>Continue operation, maintenance, and monitoring activities</li> </ul>
	M-Area Hazardous Waste Management Facility: Vadose Zone (643-28G)	<ul style="list-style-type: none"> <li>Continue characterization of vadose zone</li> <li>Continue operations of MASB WSTS and other vadose zone CA systems</li> <li>Submit annual WSTS PCB progress report</li> <li>Submit annual CA and GMR</li> <li>Submit Field Summary and Data Report of Characterization Activities Performed at the M-Area Abandoned Process Sewer Lines</li> </ul>		<ul style="list-style-type: none"> <li>Continued characterization of vadose zone</li> <li>Continued operations of MASB WSTS and other vadose zone CA systems</li> <li>Submitted annual WSTS PCB progress report</li> <li>Submitted annual CA and GMR</li> <li>Submitted Field Summary and Data Report of Characterization Activities Performed at the M-Area Abandoned Process Sewer Lines</li> </ul>	<ul style="list-style-type: none"> <li>Continue operations of MASB WSTS and other vadose zone CA systems</li> <li>Submit annual WSTS PCB progress report</li> <li>Submit annual CA and GMR</li> <li>Submit 2000 RCRA Part B Permit Renewal Application (Revision 8)</li> <li>Submit Southern Sector SSR-010 Well Rehabilitation Report</li> </ul>

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Watershed	RCRA/CERCLA Units or Site Evaluation Areas	FY2015 Work Planned	FY2015 Work Accomplished (Appendix D Milestones)	FY2015 Work Accomplished (Other)	FY2016 Work Planned
UTR (continued)	M-Area Hazardous Waste Management Facility: Vadose Zone (643-28G) (continued)	<ul style="list-style-type: none"> <li>• Submit Vapor Extraction Well Performance and Recommendations for Future Soil Vapor Extraction Activities at the A-014 Outfall</li> <li>• Submit Southern Sector Phase III Characterization Plan</li> <li>• Submit TA Request for the M-Area HWMF: Southern Sector Humate Amendment</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Vapor Extraction Well Performance and Recommendations for Future Soil Vapor Extraction Activities at the A-014 Outfall</li> <li>• Submitted Southern Sector Phase III Characterization Plan</li> <li>• Submitted TA Request for the M-Area HWMF: Southern Sector Humate Amendment</li> </ul>	
	M-Area Hazardous Waste Management Facility: A/M Area Groundwater Portion (904-110G)	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued operation of the WSTS and other CA systems</li> <li>• Continue additional characterization of suspect VOC sources</li> <li>• Continue groundwater monitoring</li> <li>• Submit the annual CA and GMR</li> <li>• Submit Southern Sector Phase III Characterization Plan</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued operation of WSTS and other CA systems</li> <li>• Continued additional characterization of suspect VOC sources</li> <li>• Continued groundwater monitoring</li> <li>• Submitted annual CA and GMR</li> <li>• Submitted Southern Sector Phase III Characterization Plan</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued operation of the WSTS and other CA systems</li> <li>• Continue additional characterization of suspect VOC sources</li> <li>• Continue groundwater monitoring</li> <li>• Submit the annual CA and GMR</li> <li>• Submit 2000 RCRA Part B Permit Renewal Application (Revision 8)</li> </ul>

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(Continued/End)

Watershed	RCRA/CERCLA Units or Site Evaluation Areas	FY2015 Work Planned	FY2015 Work Accomplished (Appendix D Milestones)	FY2015 Work Accomplished (Other)	FY2016 Work Planned
UTR (continued)	Met Lab / Carolina Bay (904-110G)	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continue groundwater monitoring</li> <li>• Submit annual CA and GMR</li> <li>• Continue operation of the existing Met Lab recovery wells and BaroBall™ wells</li> <li>• Continue post-closure activities</li> <li>• Submit Field Summary and Data Analysis Report of Characterization Activities at the MetLab</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continued groundwater monitoring</li> <li>• Submitted annual CA and GMR</li> <li>• Continued operation of the existing Met Lab recovery wells and BaroBall™ wells</li> <li>• Continued post-closure activities</li> <li>• Submitted Field Summary and Data Analysis Report of Characterization Activities at the MetLab</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual Appendix IX POC Well Sampling Proposal</li> <li>• Continue groundwater monitoring</li> <li>• Submit annual CA and GMR</li> <li>• Continue operation of the existing Met Lab recovery wells and BaroBall™ wells</li> <li>• Continue post-closure activities</li> <li>• Submit 2000 RCRA Part B Permit Renewal Application (Revision 8)</li> </ul>
	Sanitary Landfill (740-G) Groundwater	<ul style="list-style-type: none"> <li>• Submit Annual CA and GMR</li> <li>• Continue groundwater monitoring</li> </ul>		<ul style="list-style-type: none"> <li>• Submitted Annual CA and GMR</li> <li>• Continued groundwater monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Annual CA and GMR</li> <li>• Continue groundwater monitoring</li> </ul>
	Sanitary Landfill (740-G)	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
	SRL Seepage Basins (904-53G1, 904-53G2, 904-54G, 904-55G) OU	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>		<ul style="list-style-type: none"> <li>• Continued post-closure activities</li> </ul>	<ul style="list-style-type: none"> <li>• Continue post-closure activities</li> </ul>
	Upper Three Runs IOU	<ul style="list-style-type: none"> <li>• Submit Periodic Report 4 (Revision 1)</li> <li>• Initiate Fourth Phase II Field Start</li> </ul>	<ul style="list-style-type: none"> <li>• Initiated Fourth Phase II Field Start</li> </ul>	<ul style="list-style-type: none"> <li>• Submit Periodic Report 4 (Revision 1)</li> </ul>	

<sup>1</sup> FFA Appendix C.5 lists the Units and D&D Facilities (or Remnants) assigned to each Area Operable Unit

## 5.0 LAND USE CONTROLS UNITS

During FY2000, the Parties approved the Land Use Control Assurance Plan (LUCAP) for SRS and signed its associated Memorandum of Agreement. The LUCAP is updated periodically to include additional approved unit-specific LUCIPs. The unit-specific LUCIPs detail how SRS will implement, maintain, and monitor the land use control elements of the selected remedy to ensure that the remedy remains protective of human health and the environment.

RODs have been issued for some RCRA/CERCLA Units at the SRS in which the selected alternative is or includes Land Use Controls (LUCs). To assure the USEPA, SCDHEC, and the public that USDOE is maintaining the LUCs as stipulated, the Manager, Savannah River Operations Office, shall annually certify these units. These units are currently being controlled in accordance with the unit-specific RODs, unit-specific LUCIPs, and in accordance with the *Land Use Control Assurance Plan for the Savannah River Site*.

The FY2015 certification is applicable to the following RCRA/CERCLA Units:

Unit Name	SRS Index Number(s)	CERCLIS Number(s)
A-Area Burning/Rubble Pits (731-A, -1A) and Rubble Pit (731-2A) and the Miscellaneous Chemical Basin/Metals Burning Pit (731-4A & -5A) Operable Unit (OU) (includes A-Area Ash Pile, 788-2A)	45, 46, 49, 101, 102, 237	28
A-Area Miscellaneous Rubble Pile (731-6A) OU	48	30
B-Area OU [consisting of Heavy Water Components Test Reactor (HWCTR) (Building 770-U) and ECODS B-3 (East of B Area, South of Road C) (NBN) and ECODS B-5 (Adjacent to ECODS B-3) (NBN)]	528, 530, 2003	48
C-, K-, and L-Reactor Complexes Early Action	577, 583, 584	79, 90, 91
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning Rubble Pit (NBN) OU	51, 566	31
<b>C-Area OU Early Action [consisting of C-Area Process Sewer Lines as Abandoned (NBN), C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN), ECODS C-1 (Near C-Area Reactor Discharge Canal (NBN), Potential Release from C-Area Disassembly Basin (NBN), Potential Release from C-Area Reactor Cooling Water System (186/190-C)]<sup>1</sup></b>	<b>555, 475, 522, 240, 242</b>	<b>79</b>
C-Area Reactor Seepage Basins (904-66G, -67G, & -68G) OU	53, 54, 55	60
Central Shops Burning/Rubble Pits (631-1G & -3G) OU	58, 59	50
CMP Pits (080-170G, -171G, -180G, -182G, -183G, and -190G) OU	61, 62, 63, 64, 65, 66, 67	24
D-Area Burning/Rubble Pits (431-D & -1D) OU	32, 33	15
D-Area Expanded OU [consisting of D-Area Rubble Pit (431-2D) and D-Area Ash Basin (488-D)]	68, 273	67
D-Area Oil Seepage Basin (631-G) OU	26	27
D-Area OU Early Action [consisting of D-Area Asbestos Pit (080-20G) and D-Area Coal Pile Runoff Basin (489-D) (Northern 25%)]	69, 211	63

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Unit Name	SRS Index Number(s)	CERCLIS Number(s)
ECODS L-1, N-2, P-2, & R-1A, -1B, -1C OU	535, 539, 545, 540	22
F-Area Burning/Rubble Pits (231-F, -1F, & -2F) OU	34, 35, 36	14
F-Area Railroad Crosstie Pile (NBN)	279	NA
F-Area Retention Basin (281-3F) OU	73	23
Ford Building Seepage Basin (904-91G) OU	75	58
General Separations Area Consolidation Unit [consisting of ORWBG (Including Solvent Tanks) (643-E), HP-52 Ponds, H-Area Retention Basin (281-3H) and Spill on 05/01/1956 of Unknown of Retention Basin Pipe Leak (NBN), Warner's Pond (685-23G) and Spill on 03/08/1978 of Unknown of Seepage Basin Pipe Leak in H-Area Seepage Basin (NBN), and Spill on 02/08/78 of Unknown of H-Area Process Sewer Line Cave-In (NBN)]	18, 29, 28, 417, 27, 405, 398	32
Gunsite 012 OU [consisting of Gunsite 012 Rubble Pile (NBN), Rubble Pile Across from Gunsite 012 (NBN), and ECODS G-3 (Adjacent to Gunsite 012) (NBN)]	163, 337, 544	78
Heavy Equipment Wash Basin (NBN) OU	502	53
K-Area Bingham Pump Outage Pit (643-1G) OU	83	20
K-Area Burning/Rubble Pit (131-K) and K-Area Rubble Pile (631-20G) OU	84, 88	40
K-Area Reactor Seepage Basin (904-65G) OU	87	55
L- and P-Area Bingham Pump Outage Pits (643-2G, -3G, & -4G) OU	91, 92, 107	26
L-Area Oil and Chemical Basin (904-83G) OU	96	17
L-Area Reactor Seepage Basin (904-64G) OU	306	65
L-Area Rubble Pile (131-3L) OU	169	56
L-Area Southern Groundwater (NBN) OU	487	77
Lower Three Runs IOU Tail Portion (Middle and Lower Subunits)	505	35
M-Area OU [consisting of Potential release of Heavy Metals from 321-M Abandoned Sewer Line (NBN), Salvage Yard (741-A), Underground Sump 321-M #001, and Underground Sump 321-M #002]	585, 326, 340, 465, 466	92
M-Area Settling Basin Inactive Process Sewer Lines OU (081-M)	100, 234	19
Old F-Area Seepage Basin (904-49G) OU	105	16
P-Area Burning/Rubble Pit (131-P) OU	108	59
PAOU [consisting of Spill on 03/15/79 of 500 Gallons of Contaminated Water (NBN), P-Area Ash Basin (188-0P), Potential Release from P-Area Disassembly Basin (105-P), Potential Release from the P-Area Reactor Cooling Water System (186/190-P), P-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN), P-Area Process Sewer Lines as Abandoned (NBN)]	126, 313, 314, 316, 477, 557, 587	94
P-Area Reactor Seepage Basins (904-61G, -62G, & -63G) OU	317, 318, 319	66
R-Area Bingham Pump Outage Pits (643-8G, -9G, & -10G) and R-Area Unknown Pits #1, #2, #3 (RUNK -1, -2, & -3) OU	113, 114, 115, 550, 551, 552	38
R-Area Burning/Rubble Pits (131-R & 131-1R) and R-Area Rubble Pile (631-25G) OU	117, 116, 118	43

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<b>Unit Name</b>	<b>SRS Index Number(s)</b>	<b>CERCLIS Number(s)</b>
RAOU [consisting of Area on the North Side of Building 105-R, Laydown Area North of 105-R, and Release from the Decontamination of R-Area Reactor Disassembly Basin (NBN), Combined Spills North of Building 105-R (NBN), Cooling Water Effluent Sump (107-R), Potential Release from R-Area Disassembly Basin (NBN), Potential Release of NaOH/H <sub>2</sub> SO <sub>4</sub> from 183-2R (NBN), R-Area Ash Basin (188-0R), R-Area Groundwater, R-Area Process Sewer Lines as Abandoned (NBN), and R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)]	231, 233, 271, 288, 324, 329, 330, 478, 513, 517, 556, 588	95
R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) OU	119, 120, 121, 122, 123, 124	25
Silverton Road Waste Site (731-3A)	41	13
SRL Seepage Basins (904-53G1, -53G2, -54G, & -55G) OU	133, 134, 135, 136	47
T-Area OU [consisting of Neutralization Sump (678-T), TNX Outfall Delta, Lower Discharge Gully, and Swamp (NBN), TNX-Area Process Sewer Lines and Tile Fields as Abandoned (NBN), and X-001 Outfall Drainage Ditch (NBN) (See USDOE Letter SGP-05-128 for list of decommissioned facilities added to T-Area Completion)]	589, 310, 500, 559, 467	96
TNX OU [consisting of TNX Burying Ground (643-5G) (Including Spill on 01/12/53 of 1/2 Ton of Uranyl Nitrate), New TNX Seepage Basin (904-102G), Old TNX Seepage Basin (904-076G), and TNX Groundwater (082-G)]	139, 104, 106, 25, 127	21, 29

**Bold Type indicates LUCIPs added in FY2015.**

<sup>1</sup> The CAOU Early Action LUCIP was approved in FY2015. However, the LUC remedial action will be implemented in FY2016.

Note: The L-Area Hot Shop OU (717-G) was designated as a No Action OU in FY2014 and was removed from this LUC certification list.

**USDOE-SR Certification for Land Use Controls**

I certify that the Savannah River Site has maintained compliance with all unit-specific Land Use Control Implementation Plans in accordance with the *Land Use Control Assurance Plan for the Savannah River Site*.

Signature: \_\_\_\_\_



Jack R. Craig  
Manager

United States Department of Energy  
Savannah River Operations Office

Date: 11/23/15

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