

# Project Baseline Summary Report

Data Source: EM CDB

Operations/Field Office: Albuquerque

Site Summary Level: Monticello Remedial Action Project

Project AL022 / Monticello Projects

Report Number: GEN-01b

Print Date: 3/9/2000

HQ ID: 0476

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## General Project Information

### Project Description Narratives

#### Purpose, Scope, and Technical Approach:

Definition of Scope: The activities at the MMTS will involve:

- Removal of 2.4 million cubic yards of tailings and contaminated soils under the piles from the Monticello Millsite to the on-site repository under OU I
- Removal of approximately 577,000 cubic yards of tailings-contaminated soil from 300 acres of land, on 29 properties in OU II
- Preparation of an Alternatives Analysis to determine the appropriate remedy for cleanup of contaminated sediments along Montezuma Creek under OU III
- Remediation of contaminated sediments along Montezuma Creek
- Preparation of an RI/FS, Interim ROD, Proposed Plan and ROD to determine the appropriate remedy for cleanup of contaminated surface and ground water under OU III
- Installation of an in-situ ground water treatment system (permeable treatment wall) to restore ground water quality
- Restoration and revegetation of disturbed lands.

The activities at the MVP Site will involve the remediation of contamination at 423 properties in the City of Monticello and the surrounding area.

Technical Approach: The selected remedy for the millsite is excavation of the tailings and contaminated material and placement in a permanent repository on DOE-owned property 1.5 miles south of the millsite. Excavation is accomplished using standard construction equipment. The tailings are hauled on a dedicated haul road from the millsite to the repository. A cover will be placed over the tailings to control radon emissions, infiltration of precipitation, and erosion.

Removal of tailings from the peripheral and vicinity properties and soil and sediment contamination along Montezuma Creek entails the use of conventional and environmentally-sensitive construction techniques that employ hand excavation of tailings to preserve native vegetation. Tailings removed from the properties and along the creek have been temporarily stored on the millsite and then placed in the permanent repository.

Applications for supplemental standards for Monticello city streets and utilities, three government-owned and one privately-owned piñon-juniper properties, and the Highway 191 embankment properties and Highway 666 have been submitted to the EPA and the State of Utah. On December 20, 1996, the regulators accepted the application of supplemental standards with certain qualifications. Supplemental Standards applications have been prepared for properties along Montezuma Creek, where contamination levels remain above the standards in 40 CFR 192.

The remedy for surface and ground water contamination in OU III of the MMTS has not yet been selected. An interim Remedial Action is being implemented in FY 1999. Final remedial alternatives are being evaluated and will be proposed in FY 2005.

An independent verification contractor will certify the removal of contaminants for both sites by performing document reviews and field measurements.

#### Project Status in FY 2006:

Remediation of both Monticello National Priorities List sites will be completed before FY 2006. The former millsite will be available for beneficial public use. However, if active (pump and treat) remediation of contaminated ground water is selected, the ground water treatment may continue past FY 2006. The MVP site will be deleted from the NPL. The MMTS site will not be deleted from the National Priorities List until the final remedy for restoration of ground water quality is accomplished. The Long-Term Surveillance and Maintenance (LTSM) Program will complete deletion activities for the MMTS. Both sites will require long-term surveillance and maintenance because of remaining contamination. This work will be described in the

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## Project Description Narratives

LTSM Plans which will be implemented by the LTSM Program.

### Post-2006 Project Scope:

Inspection of the millsite, vicinity and peripheral properties, and repository area will be performed in accordance with CERCLA requirements, under the LTSM Program. Active ground water remediation will also be performed, if necessary.

### Project End State

The Project end state for OUs I and II of the MMTS and the MVP Site (the Monticello Remedial Action Project and the Monticello Vicinity Property Project) is remediation of radium 226 to standards established in 40 CFR 192 with the exception of properties where supplemental standards are applied. For properties remediated to standards in 40 CFR 192, there will not be any restrictions placed on surface use of the property. For the millsite and down gradient peripheral properties, ground water use restrictions will be necessary until water quality reaches acceptable levels. There will be the need for long-term surveillance and maintenance at the on-site repository. The Monticello LTSM Plan will establish the requirements for these activities which will be implemented by the Long-Term Surveillance and Maintenance (LTSM) Program.

On supplemental standards properties, the risk to human health for the contamination remaining on the properties has been evaluated and determined to be acceptable for specific land use scenarios. Final land use restrictions are being determined by DOE, EPA and the State of Utah, and will be incorporated into the LTSM Plan. Implementation of this Plan will be the responsibility of the LTSM Program.

The end states for the Monticello Remedial Action Project will be reached by the end of FY 2001 and the end state for the Monticello Vicinity Property Project will be reached by the end of FY 2000. The End State for the Monticello Surface and Ground Water Project is remediation of the contaminated sediments in Montezuma Creek Canyon to acceptable standards and implementation of a plan for remediation of contaminated ground water. Standards for cleanup of ground water are being determined. Selected remedies may require the application of institutional controls to limit residential development and use of ground water. The end state for this Project may be reached by the end of FY 2005 if the selected final remedy is monitoring only.

### Cost Baseline Comments:

Escalation rate is assumed to be 2.1% per year. Monticello has included contingencies for "in scope" work for uncertainties in defined scope. These contingencies were not originally included in the February 1997 submission. This same basis was used in the 1998 submission also.

Costs for remediation of the MMTS and MVP sites are based on a life-cycle in-house baseline. The baseline for the Monticello Surface and Ground water is based on the assumption that active remediation of ground water will not be required.

### Safety & Health Hazards:

The principal hazards to the public associated with the contamination on the MMTS and the MVP Sites are associated with exposure to radon. The radium-226 in the soils on the properties and in the tailings piles on the millsite decays and results in the emission of radon. Exposure would have to occur over an extended time for a risk of cancer to develop. On the MMTS, the tailings are in direct contact with ground water. The ground water underlying the site is contaminated and if consumed would result in unacceptable risk to human health. Because the water is not currently used for consumption, this risk is not as significant as the potential risk with radon exposure. Institutional controls are expected to be used to control future exposure.

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## Project Description Narratives

Significant worker hazards are associated with typical construction work around large construction equipment. Currently, there are several excavators, trucks, and many other pieces of equipment operating on the millsite and in the on-site repository. There is a potential for a significant accident to occur that could result in a major injury or death. Exposure to contaminants on the MMTS such as radon or particulates is also a risk; however, radon and particulate exposure is monitored to ensure that overexposure does not occur.

Hazards to the environment are associated with remedial action construction activities and contaminants in the tailings. Wetlands and other wildlife habitat will be removed during remedial action. However, no threatened or endangered species will be impacted. Restoration of the habitat will occur over several years, so the impacts to the environment will remain, though in decreasing severity, until the habitat is restored.

### Safety & Health Work Performance:

The resources necessary to accomplish the work safely are funded by the Monticello Projects and provided through the Safety and Health organization. The following functional categories of safety and health staff are provided: industrial hygiene, industrial safety, radiation protection, and safety and health management. A subcontractor provides occupational medical services which include pre-employment physicals, qualifying physical exams to meet S&H requirements, worker's compensation case management, and protection of employee's medical records. As part of the startup of all construction aspects of the Monticello Projects, Readiness Reviews are performed that are attended by Safety and Health and other personnel supporting the work effort. The Readiness Reviews ensure that all potential safety and health issues have been addressed. During the tailings excavation effort, no appreciable change in safety and health requirements is predicted. Safety and Health support on property remediation will cease after FY 1999. Once OU I activities are limited to cover construction, safety and health support is expected to decrease (during late FY 1999 and FY 2000). After FY 2000, safety and health support will be limited to support of millsite restoration activities which are general construction activities and the construction of the selected remedy, if any, for ground water restoration. Once the Monticello Program is turned over to the LTSM Program, safety and health requirements will be very limited, primarily associated with monitoring and possibly ground water restoration operations.

### PBS Comments:

The Monticello Projects are high visibility projects with the EPA and State of Utah. Because of GJO funding limitations in FY 1998 and anticipated for FY 1999, as well as the remedial action subcontractor not demonstrating that schedule recovery can be accomplished, the completion of the Monticello Projects has been delayed a year. This delay has resulted in missing 1 stipulated penalty milestone (OU II Remedial Action Report) and putting 3 others at risk of being missed (Restoration Pre-Final Design and Notice of Award, and Repository Construction Complete). In addition, there may be delays in implementing an Interim Remedial Action for restoration of surface and ground water quality in FY 1998. Negotiations with EPA and the State of Utah are currently underway to attempt to renegotiate the missed and at-risk milestones so stipulated penalties will not be assessed.

Enforceable Agreement milestones for OU III are also currently being renegotiated. Since the renegotiation is not yet complete, the current milestones are shown in Section A.3 of this PBS. However, the anticipated new milestones have been included in Sections A.2.11 through A.2.13 (Planned Accomplishments) to reflect the annual activities as realistically as possible. DOE is pursuing the milestone changes because it believes that selection of a remedy for restoration of ground water quality cannot be selected until completion of millsite remediation.

### Baseline Validation Narrative:

Annually, the DOE-GJO conducts a review of the contractors proposed task plan for the upcoming fiscal year. This DOE review includes a bottoms-

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## Project Description Narratives

up analysis of scope, labor, and other direct charges which is presented by the project manager to a team comprised of contracting officers, contracting officers` representatives, other staff members, and management. During the development of the 2006 Plan, the DOE project and support staff work closely with the contractors regarding project direction. The planning document is then reviewed by various members of the DOE staff and forwarded to DOE-AL where a subsequent review takes place. DOE-GJO conducted an internal life-cycle baseline review in February 1999 for the Monticello Project.

## General PBS Information

**Project Validated?** **Date Validated:**  
**Has Headquarters reviewed and approved project?** No  
**Date Project was Added:** 12/1/1997  
**Baseline Submission Date:** 7/1/1999  
**FEDPLAN Project?** Yes

<b>Drivers:</b>	<b>CERCLA</b>	<b>RCRA</b>	<b>DNFSB</b>	<b>AEA</b>	<b>UMTRCA</b>	<b>State</b>	<b>DOE Orders</b>	<b>Other</b>
	Y	N	N	Y	N	Y	Y	Y

## Project Identification Information

**DOE Project Manager:** Ray Plieness  
**DOE Project Manager Phone Number:** 970-248-6091  
**DOE Project Manager Fax Number:** 970-248-6023  
**DOE Project Manager e-mail address:** RPlieness@doegjpo.com  
**Is this a High Visibility Project (Y/N):**

## Planning Section

### Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006
PBS Baseline (current year dollars)	127,279	0	127,279	26,413	26,413	27,768	27,768	34,328	21,940	10,090	3,500	1,040	1,000	1,200	0

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## Baseline Costs (in thousands of dollars)

	<b>1997-2006 Total</b>	<b>2007-2070 Total</b>	<b>1997-2070 Total</b>	<b>1997</b>	<b>Actual 1997</b>	<b>1998</b>	<b>Actual 1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	
PBS Baseline (constant 1999 dollars)	125,664	0	125,664	26,413	26,413	27,768	27,768	34,328	21,363	9,623	3,269	951	896	1,053	0	
PBS EM Baseline (current year dollars)	127,279	0	127,279	26,413	26,413	27,768	27,768	34,328	21,940	10,090	3,500	1,040	1,000	1,200	0	
PBS EM Baseline (constant 1999 dollars)	125,664	0	125,664	26,413	26,413	27,768	27,768	34,328	21,363	9,623	3,269	951	896	1,053	0	
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011- 2015</b>	<b>2016- 2020</b>	<b>2021- 2025</b>	<b>2026- 2030</b>	<b>2031- 2035</b>	<b>2036- 2040</b>	<b>2041- 2045</b>	<b>2046- 2050</b>	<b>2051- 2055</b>	<b>2056- 2060</b>	<b>2061- 2065</b>	<b>2066- 2070</b>
PBS Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Baseline Escalation Rates

<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
0.00%	0.00%	0.00%	2.70%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%
<b>2010</b>	<b>2011-2015</b>	<b>2016-2020</b>	<b>2021-2025</b>	<b>2026-2030</b>	<b>2031-2035</b>	<b>2036-2040</b>	<b>2041-2045</b>	<b>2046-2050</b>	<b>2051-2055</b>	<b>2056-2060</b>	<b>2061-2065</b>	<b>2066-2070</b>

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2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%

## Project Reconciliation

### Project Completion Date Changes:

Previously Projected End Date of Project: 9/1/2001

Current Projected End Date of Project: 9/30/2005

### Explanation of Project Completion Date Difference (if applicable):

Regulators wanted to keep the MSG Project separate from the other Monticello Projects and not transfer it to the LTS Program in 2001. Their desire is to keep it separate until the Record of Decision is signed by EPA, DOE and the State of Utah.

### Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	129,210	Actual 1997 Cost:	26,413	Actual 1998 Cost:	27,768
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	75,029	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):			2,026
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	77,055				

### Project Cost Changes

	Cost Adjustments	Reconciliation Narratives
Cost Change Due to Scope Deletions (-):	9,489	Deleted potential claims payments from baseline due to lower probability claims payment requirements
Cost Reductions Due to Efficiencies (-):		
Cost Associated with New Scope (+):	3,917	Continued interim remedial action and decision making process for OU III of the Monticello Mill Tail
Cost Growth Associated with Scope Previously Reported (+):		
Cost Reductions Due to Science & Technology Efficiencies (-):		
<b>Subtotal:</b>	<b>71,483</b>	
<b>Additional Amount to Reconcile (+):</b>	<b>0</b>	

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## Project Reconciliation

Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars): **71,483**

### Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
DOE, EPA, and State of Utah Concurrence on OU III ROD	AL022-015		6/15/2005	6/15/2005			Y				
End of Complete Deletion of MVP OUs A through H	AL022-011		12/31/1999								
End of Millsite Tailings Removal	AL022-009		11/1/1999								
End of Montezuma Creek Remediation	AL022-006		2/26/1999								
End of Peripheral Property Remediation	AL022-010		11/1/1999								
End of Repository Cover Construction	AL022-012		9/30/2000	9/30/2000			Y				
End of Select Remedy for Restoration of Ground Water	AL022-016		6/15/2005	6/15/2005			Y				
LT S&M Completion (If applicable)	AL022-017		9/30/2070								
MVP - Draft-Final Closeout Report (OUs A-H)	AL-022-26		6/26/1999	6/26/1999			Y			Y	
OU I - Complete Restoration	AL-022-4		7/17/2001	7/17/2001			Y				
OU I - Draft-Final RAR for Remediation	AL-022-5		11/30/2000	11/30/2000			Y				
OU I - Draft-Final RAR for Restoration	AL-022-6		9/17/2001	9/17/2001			Y				
OU I - Pre-Final Restoration Design	AL-022-2		9/1/1999	11/1/1999			Y				
OU I - Repository Const. Complete	AL-022-1		9/1/2000	9/30/2000			Y				
OU I - Start Restoration Construction	AL-022-3		3/1/2000	4/1/2000			Y				
OU II - Draft-Final RAR	AL-022-7		2/28/2000	2/28/2000			Y				
OU III - Complete Remediation of Montezuma Creek	AL-022-19		9/1/1999	9/30/1999			Y				
OU III - Draft-Final Proposed Plan	AL-022-15		12/15/2004	12/15/2004			Y				
OU III - Draft-Final ROD	AL-022-16		5/15/2005	5/15/2005			Y			Y	

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## Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
OU III - Initiate Water Restoration Remedial Action	AL-022-18		9/15/2006	9/15/2006			Y				
OU III - Water Restoration Design	AL-022-17		6/15/2006	6/15/2006			Y				
Project Mission Complete	AL022-013		9/30/2005								
Public Comment on Notice of Intent to Delete MVP OU A through H	AL022-007		3/5/1999								
Public Comment on OU III Proposed Plan	AL022-014		1/15/2005								
Start of Complete Deletion of MVP OUs A through G	AL022-003		3/1/1997			3/1/1997					
Start of Millsite Tailings Removal	AL022-003		6/1/1997			6/1/1997					
Start of Montezuma Creek Remediation	AL022-005		6/1/1998			6/1/1998					
Start of Peripheral Property Remediation	AL022-001		5/1/1993			5/1/1993					
Start of Repository Cover Construction	AL022-008		4/1/1999								
Start of Select Remedy for Restoration of Ground Water	AL022-004		8/1/1997			8/1/1997					
Complete Excavation and Placement of All Contaminated Material in Repository			8/31/1999						Y		
Millsite accepted into SFMP			10/1/1979								

## Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
DOE, EPA, and State of Utah Concurrence on OU III ROD	AL022-015		Y				1	1	1		
End of Complete Deletion of MVP OUs A through H	AL022-011		Y				1	2	1		
End of Millsite Tailings Removal	AL022-009		Y				1	1	1		

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## Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
End of Montezuma Creek Remediation	AL022-006		Y				1	1	1		
End of Peripheral Property Remediation	AL022-010		Y				1	1	1		
End of Repository Cover Construction	AL022-012		Y				2	1	1		
End of Select Remedy for Restoration of Ground Water	AL022-016		Y				1	1	1		
LT S&M Completion (If applicable)	AL022-017									Y	
MVP - Draft-Final Closeout Report (OUs A-H)	AL-022-26		Y				1	1	1		
OU I - Complete Restoration	AL-022-4		Y				1	1	1		
OU I - Draft-Final RAR for Remediation	AL-022-5										
OU I - Draft-Final RAR for Restoration	AL-022-6										
OU I - Pre-Final Restoration Design	AL-022-2		Y				1	1	1		
OU I - Repository Const. Complete	AL-022-1		Y				1	1	1		
OU I - Start Restoration Construction	AL-022-3		Y				1	1	1		
OU II - Draft-Final RAR	AL-022-7										
OU III - Complete Remediation of Montezuma Creek	AL-022-19										
OU III - Draft-Final Proposed Plan	AL-022-15		Y				1	1	1		
OU III - Draft-Final ROD	AL-022-16		Y				1	1	1		

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Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
OU III - Initiate Water Restoration Remedial Action	AL-022-18										
OU III - Water Restoration Design	AL-022-17										
Project Mission Complete	AL022-013				Y	Y					
Public Comment on Notice of Intent to Delete MVP OU A through H	AL022-007		Y				1	1	1		
Public Comment on OU III Proposed Plan	AL022-014		Y				1	1	1		
Start of Complete Deletion of MVP OUs A through G	AL022-003		Y				1	1	1		
Start of Millsite Tailings Removal	AL022-003		Y				1	1	1		
Start of Montezuma Creek Remediation	AL022-005		Y				1	1	1		
Start of Peripheral Property Remediation	AL022-001		Y				1	1	1		
Start of Repository Cover Construction	AL022-008		Y				1	1	1		
Start of Select Remedy for Restoration of Ground Water	AL022-004		Y				1	1	1		
Complete Excavation and Placement of All Contaminated Material in Repository			Y				1	1	1		Grand Junction Office complete excavation and placement of all contaminated material into the repository at the Monticello Project site.
Millsite accepted into SFMP					Y						Millsite accepted into Surplus Facility Management Program

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## Performance Measure Metrics

Category/Subcategory	Units	1997-2006 Total	2007-2070 Total	1997-2070 Total	Actual Pre-1997	Planned 1997	Actual 1997	Planned 1998	Planned 1999	Planned 2000	Planned 2001	Planned 2002	Planned 2003	Planned 2004
<b>RS</b>														
Assess.	NR	1.00	0.00	1.00	14.00	1.00	1.00							
<b>RS</b>														
Cleanup	NR	15.00	0.00	15.00		1.00	1.00	6.00	2.00	3.00	3.00			
<b>Rem. Waste</b>														
Disposed	M3	1,259,575.00	0.00	1,259,575.00				792,736.00	466,839.00					
<b>Tech.</b>														
Deployed	Ntd	2.00	0.00	2.00					2.00					
Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035	
<b>RS</b>														
Assess.	NR													
<b>RS</b>														
Cleanup	NR													
<b>Rem. Waste</b>														
Disposed	M3													
<b>Tech.</b>														
Deployed	Ntd													
Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total				
<b>RS</b>														
Assess.	NR									15.00				

Dataset Name: **FY 1999 Planning Data**

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Date of Dataset: **9/20/1999**

# Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **Albuquerque**

Print Date: **3/9/2000**

Site Summary Level: **Monticello Remedial Action Project**

HQ ID: **0476**

Project **AL022 / Monticello Projects**

Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total				
<b>RS</b>														
<b>Cleanup</b>	NR									15.00				
<b>Rem. Waste</b>														
<b>Disposed</b>	M3									0.00				
<b>Tech.</b>														
<b>Deployed</b>	Ntd								2.00	2.00				
<b>Release Sites</b>														
Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
MRAP	0002		MSG Monticello Sediments OU III	Surface and Groundwater/Sediments	1997		11/28/1996	1999		12/28/1998		N		N
MRAP	0004		MVP 8-mile radius and other inclusions OU G	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	1998	1998	9/30/1998		N		N
MRAP	0005		MVP Disputed Properties OU C	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	1998	1998	9/30/1998		N		Y
MRAP	0006		MVP OU E	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	1998	1998	9/30/1998		N		Y
MRAP	0007		MVP Original properties in the FFA OU A	Mill Tailings Piles/Uranium Mill Tailings Piles	1994		9/30/1994	1997		11/8/1996		N	Pending	Y
MRAP	0008		MVP Problem properties OU F	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	1998	1998	9/30/1998		N		Y
MRAP	0009		MVP Properties contaminated with hazardous waste OU D	Mill Tailings Piles/Uranium Mill	1996	1996	9/30/1996	1998	1998	9/30/1998		N		Y

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Report Number: **GEN-01b**

Operations/Field Office: **Albuquerque**

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Project **AL022 / Monticello Projects**

## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
				Tailings Piles										
MRAP	0010		MVP Subsequent property inclusions OU B	Mill Tailings Piles/Uranium Mill Tailings Piles	1995	1995	9/30/1995	1998	1998	9/30/1998		N		Y
MRAP	0011		MRAP Millsite OU I and Millsite Peripheral Properties	Mill Tailings Piles/Uranium Mill Tailings Piles	1992	1992	9/30/1992	2001	2001			N		Y
MRAP	0012		MRAP MP-00181 - DOE owned property OU II	Mill Tailings Piles/Uranium Mill Tailings Piles	1992	1992	9/30/1992	2001	2001			N		Y
MRAP	0013		MRAP MP-00391 - DOE owned property OU II	Mill Tailings Piles/Uranium Mill Tailings Piles	1992	1992	9/30/1992	2001	2001			N		Y
MRAP	0014		MRAP MP-01041, -01042 - DOE owned properties OU II	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	2000	2000			N		Y
MRAP	0015		MRAP Privately owned Peripheral Properties OU II	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	2000	2000			N		Y
MRAP	0016		MRAP Repository Site OU I	Mill Tailings Piles/Uranium Mill Tailings Piles	1996	1996	9/30/1996	2000	2000			N		Y
MRAP	0017		MVP OU H	Mill Tailings Piles/Uranium Mill Tailings Piles	1989	1989	11/30/1989	1999	1999	4/29/1999		N		Y

## Technology Needs

Dataset Name: **FY 1999 Planning Data**

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