



*Environmental Programs*  
P.O. Box 1663, MS M991  
Los Alamos, New Mexico 87545  
(505) 606-2337/FAX (505) 665-1812



*National Nuclear Security Administration*  
Los Alamos Site Office, MS A316  
Environmental Restoration Program  
Los Alamos, New Mexico 87544  
(505) 667-4255/FAX (505) 606-2132

*Date:* November 19, 2007  
*Refer To:* EP2007-0726

James P. Bearzi, Bureau Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6303

**Subject: Request for Approval of Investigation Report Outline for Pueblo Canyon  
Aggregate Area**

Dear Mr. Bearzi:

Enclosed please find the proposed outline for the Pueblo Canyon Aggregate Area investigation report. This outline closely follows the one presented in the New Mexico Environment Department's Compliance Order on Consent but has been modified slightly to eliminate sections that are not applicable to the investigation being conducted in this aggregate and add a section describing the removal of structures, debris, and soil. Los Alamos National Laboratory and the Department of Energy request that you review the attached outline and provide comments and/or approval so we may produce the report to your satisfaction and within the schedule presented in the proposed Consent Order.

If you have any questions, please contact Becky Coel-Roback at (505) 665-5011 (becky\_cr@lanl.gov) or Cheryl Rodriguez (505) 665-5330 (crodriguez@doeal.gov).

Sincerely,

Susan G. Stiger, Associate Director  
Environmental Programs  
Los Alamos National Laboratory

Sincerely,

David R. Gregory, Project Director  
Environmental Operations  
Los Alamos Site Office

SS/DG/GD/BR:sm

Enclosures: Proposed outline for the Pueblo Canyon Aggregate Area investigation report

Cy: (w/enc.)

Kishore Ajmera, Shaw Environmental  
Cheryl Rodriguez, DOE-LASO, MS A316  
Becky Coel-Roback, EP-CAP, MS M992  
Public Reading Room, MS M992  
RPF, MS M707

Cy: (w/o enc.)

Laurie King, EPA Region 6, Dallas, TX  
Steve Yanicak, NMED-OB, White Rock, NM  
Tom Skibitski, NMED-OB, Santa Fe, NM  
Bonita Eichorst, DOE-LASO (date-stamped letter emailed)  
Susan G. Stiger, ADEP, MS M991  
Carolyn A. Mangeng, ADEP, MS M991  
Alison M. Dorries, ERSS-DO, MS M992  
Gordon Dover, EP-CAP, MS M992  
Dave McInroy, EP-CAP, MS M992  
Peggy Reneau, EP-ERSS, MS M992  
EP-CAP File, MS M992  
IRM-RMMSO, MS A150

## PROPOSED OUTLINE

### Investigation Report for Pueblo Canyon Aggregate Area

Title Page

Executive Summary

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#### **1.0 INTRODUCTION**

- 1.1 General Site Information
- 1.2 Field Activity Objectives
- 1.3 Pueblo Canyon Aggregate Area Solid Waste Management Units (SWMUs), Areas of Concern (AOCs), and Consolidated Units Not Included in This Investigation

#### **2.0 BACKGROUND**

- 2.1 SWMU 00-018(a)
- 2.2 AOC 00-018(b)
- 2.3 AOC 00-030(d)
- 2.4 AOC 00-030(eN)
- 2.5 AOC 00-030(eS)
- 2.6 AOC 00-030(f)
- 2.7 AOC 00-030(h)
- 2.8 AOC 00-030(j)
- 2.9 AOC 00-030(n)
- 2.10 AOC 00-030(o)
- 2.11 AOC 00-030(p)
- 2.12 SWMU 00-039
- 2.13 AOC C-00-043
- 2.14 SWMU 31-001
- 2.15 Consolidated Unit 45-001-00

#### **3.0 SCOPE OF ACTIVITIES**

- 3.1 SWMU 00-018(a)
- 3.2 AOC 00-018(b)
- 3.3 AOC 00-030(d)
- 3.4 AOC 00-030(eN)
- 3.5 AOC 00-030(eS)
- 3.6 AOC 00-030(f)
- 3.7 AOC 00-030(h)
- 3.8 AOC 00-030(j)
- 3.9 AOC 00-030(n)
- 3.10 AOC 00-030(o)
- 3.11 AOC 00-030(p)
- 3.12 SWMU 00-039
- 3.13 AOC C-00-043
- 3.14 SWMU 00-039
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- 4.1 Surface Conditions
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- 4.3 Subsurface Conditions
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- 4.5 Groundwater Conditions
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#### **6.0 REGULATORY CRITERIA**

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  - 7.1.1 Soil, Rock, and Sediment Sampling
  - 7.1.2 Soil, Rock, and Sediment Sample Field Screening Results
  - 7.1.3 Soil, Rock, and Sediment Sampling Analytical Results

[NOTE: all subsequent sections will contain the above three subsections]

- 7.2 AOC 00-018(b)
- 7.3 AOC 00-030(d)
- 7.4 AOC 00-030(eN)
- 7.5 AOC 00-030(eS)
- 7.6 AOC 00-030(f)
- 7.7 AOC 00-030(h)
- 7.8 AOC 00-030(j)
- 7.9 AOC 00-030(n)
- 7.10 AOC 00-030(o)
- 7.11 AOC 00-030(p)
- 7.12 SWMU 00-039
- 7.13 AOC C-00-043
- 7.14 SWMU 31-001
- 7.15 Consolidated Unit 45-001-00

#### **8.0 CONCLUSIONS**

- 8.1 SWMU 00-018(a)
- 8.2 AOC 00-018(b)
- 8.3 AOC 00-030(d)
- 8.4 AOC 00-030(eN)
- 8.5 AOC 00-030(eS)
- 8.6 AOC 00-030(f)
- 8.7 AOC 00-030(h)
- 8.8 AOC 00-030(j)
- 8.9 AOC 00-030(n)
- 8.10 AOC 00-030(o)
- 8.11 AOC 00-030(p)
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- 8.13 AOC C-00-043
- 8.14 SWMU 31-001
- 8.15 Consolidated Unit 45-001-00

#### **9.0 RECOMMENDATIONS**

- 9.1 SWMU 00-018(a)
- 9.2 AOC 00-018(b)
- 9.3 AOC 00-030(d)

- 9.4 AOC 00-030(eN)
- 9.5 AOC 00-030(eS)
- 9.6 AOC 00-030(f)
- 9.7 AOC 00-030(h)
- 9.8 AOC 00-030(j)
- 9.9 AOC 00-030(n)
- 9.10 AOC 00-030(o)
- 9.11 AOC 00-030(p)
- 9.12 SWMU 00-039
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