



TA-16



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Date: April 20, 2006
Refer to: ER2006-0314

Mr. John Young
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

SUBJECT: MARCH 2006 MONTHLY PROGRESS REPORT FOR CORRECTIVE MEASURES STUDY FOR POTENTIAL RELEASE SITE 16-021(c)-99

Dear Mr. Young:

Enclosed are two hard copies of the March 2006 Corrective Measures Study (CMS) Progress Report for Potential Release Site (PRS) 16-021(c)-99, the 260 Outfall. The report is submitted according to the approved CMS plan for PRS 16-021(c)-99.

If you have questions, please call Don Hickmott at (505) 667-8753 (dhickmott@lanl.gov) or Woody Woodworth at (505) 665-5820 (lwoodworth@doeal.gov).

Sincerely,

David McInroy, Deputy Program Director
Environmental Remediation & Surveillance
Los Alamos National Laboratory

Sincerely,

David Gregory, Federal Project Director
Department of Energy
Los Alamos Site Office



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DH/jk

Enclosures: Two hard copies of the Monthly Progress Report Corrective Measures Study (CMS) for Potential Release Site (PRS)16-021(c)-99, March 2006 (ER2006-0320)

Cy: (w/enc)

D. Hickmott, EES-6, MS D462 (with CD)
D. Gregory, DOE-LASO, MS A316 (with CD)
ENV-ECR File, MS M992 (with CD)
RPF, MS M707 (with CD)
S-7, MS F674 (without CD)

Cy: (CD only)

J. Heikoop, EES-6, MS D 462
L. King, EPA Region 6
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A. Dorries, ENV-ECR, MS M992
D. McInroy, ENV-ERS, MS M992
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Monthly Progress Report
Corrective Measures Study (CMS) for Potential Release Site (PRS) 16-021(c)-99
March 2006

This report summarizes Los Alamos National Laboratory (LANL) activities completed during March of fiscal year (FY) 2006 on the CMS for PRS 16-021(c)-99, the TA-16-260 Outfall. Both the activities described in the CMS plan ([LA-UR-98-3918], approved by NMED-HWB on 9/8/99), and other related activities are described herein.

Description of Activities and Contacts

High Performing Team (HPT) Activities – The HPT did not meet during March 2006.

The next HPT meeting is tentatively scheduled for April. Topics will include a TA-16-260 update, a discussion of groundwater modeling, a discussion of the cross-sections of the TA-16-260 outfall pond, and further discussion of the upcoming Investigation Report for deep groundwater. This meeting may be held at LANL so that core from the 260 outfall area can be examined.

RCRA Facility Investigation (RFI) Phase II Report and CMS Plan– No activities this month.

Best Management Practices (BMPs) – BMPs are inspected quarterly and following significant precipitation events. There were no significant precipitation events in March.

CMS Hydrogeologic Investigations– Investigations include ongoing Phase II RFI sampling as well as continuing investigations outlined in the CMS plan.

The ongoing Phase II RFI sampling program, currently focused on capturing high-flow events, includes quarterly stable isotope samples at Martin and Burning Ground Springs.

The hydrologic system in Cañon de Valle has begun to dry out due to a dearth of precipitation from December through March. Martin Spring is flowing at ~1000 mL/min., Burning Ground Spring is flowing at a rate of ~200 mL/ sec., and SWSC spring is dry.

The 90s Line Pond and downgradient surface locations in Martin Spring Canyon and Cañon de Valle are wet, but drying out. The alluvial wells in lower Cañon de Valle and lower Martin Spring Canyon are wet. Surface water in Cañon de Valle was present from Burning Ground spring to just east of MDA P and water was present at the Cañon de Valle headwaters. The three alluvial wells, installed in Fishladder Canyon as part of the TA-16-340 Complex investigations, are all dry.

Quarterly sampling was initiated during the last week of March. There was no snow accumulation during the winter and consequently no spring runoff this year.

CdV-16-1(i) , CdV-16-2(i)-r, CdV-R-15-3 and CdV-R-37-2 were all sampled in March.