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Date: August 21, 2006
Refer to: EP2006-0737

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

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



Dear Mr. Young:

Enclosed are two hard copies with electronic files of the July 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,

Andrew Phelps, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

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



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DM/DG/DH/jr

Enclosure: Two hard copies with electronic files - Monthly Progress Report Corrective Measures Study (CMS) for Potential Release Site (PRS) 16-021(c)-99, July 2006 (EP2006-0734)

Cy: (w/enc)

D. Hickmott, EES-6, MS D462 (with CD)
D. Gregory, DOE LASO, MS A316 (with CD)
T. Trujillo, DOE LASO, MS A316 (with CD)
Corrective Actions File, MS M992 (with CD)
RPF, MS M707 (with CD)
SAFE S7, MS F674 (without CD)

Cy: (letter and CD only)

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IRM-RMMSO, MS A150

Monthly Progress Report
Corrective Measures Study (CMS) for Potential Release Site (PRS) 16-021(c)-99
July 2006

This report summarizes Los Alamos National Laboratory (LANL) activities completed during July 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) – The HPT did not meet during July, 2006. The next HPT meeting is tentatively scheduled for August. Topics will include a TA-16-260 update, a discussion of groundwater modeling, and final discussions of the upcoming Investigation Report for deep groundwater.

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. Although there were precipitation events during July, flow in the Cañon de Valle alluvial system did not increase. BMP repairs were not required.

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 sampling at Martin and Burning Ground Springs.

The hydrologic system in Cañon de Valle continues to dry out due to a lack of precipitation from December through July. 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 dry. 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 of all wet locations within Cañon de Valle was initiated during late July.

Ecological Risk Pilot–