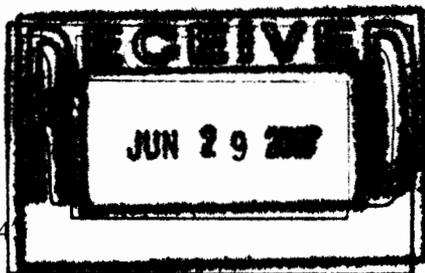


TA16



Environmental Programs

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 665-3388/FAX (505) 665-4744



National Nuclear Security Administration

Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 667-5948

Date: June 26, 2007

Refer To: EP2007-0389

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

**Subject: Restart of Drilling and Sampling at TA-16 Ponds, Update to Sampling Notification,
Dated June 30, 2006**

Dear Mr. Young:

We are planning to resume drilling at Technical Area (TA-16) Ponds Aggregate at the earliest July 11th. This is a continuation of the TA-16 Ponds investigation initiated in summer of 2006. The unfinished work includes drilling nine boreholes for a total of approximately 400 ft of drilling. Four of the nine remaining boreholes are located in the low part of 90s Line pond. As you are aware, this work had been suspended because of a wet winter and spring. As of June 15, 2007, about 3 to 4 inches of water had accumulated in the pond. Ideally, we will wait for the water to evaporate in the ponds to complete the work. Attached is a table detailing the number and types of samples and their associated analytical suites remaining to be collected by the Los Alamos National Laboratory (LANL) Environmental Program – Corrective Actions Project (EP-CAP) in support of the 30s and 90s Line Ponds Aggregate Area investigation.

Fieldwork should take approximately 3 to 4 weeks to complete. All fieldwork will be conducted in accordance with the following documents:

- Investigation Work Plan of SWMUs 16-007(a)-99 (30s Line) and 16-008(a)-99 (90s Line) at TA-16 (LA-UR 05-1694) and
- Response to Notice of Deficiencies for Investigation Work Plan of SWMUs 16-007(a)-99 (30s Line) and 16-008(a)-99 (90s Line) at TA-16, Los Alamos National Laboratory, EPA-ID #NM0890010515, HWB-LANL-05-004, Revision 1.



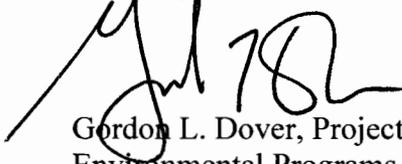
17542

Mr. John Young
EP2007-0389

June 26, 2007

If you have questions, please contact John McCann at (505) 665-1091 or (jmccann@lanl.gov).

Sincerely,



Gordon L. Dover, Project Director
Environmental Programs – Corrective Actions Program
Los Alamos National Laboratory

GLD/JPM:ew

Attachment: Table: Summary of Remaining Borehole Drilling, Sampling, Field Screening, and Analyses Proposed for Consolidated SWMUs 16-007(a)-99 and 16-008(a)-99, 30s Line and 90s Line Pond

Cy:

Richard Nevarez, DOE NNSA-SC, SC1-111
David Gregory, DOE LASO, MS A316
Mat Johansen, DOE LASO, MS A316
Leonard Trujillo, DOE LASO, MS A316
Laurie King, EPA Region 6, Dallas, TX
John Kieling, NMED HWD, Santa Fe, NM
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Gordon Dover, EP-CAP, MS M992
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John McCann, EP-CAP, MS M992
Don Hickmott, EP-CAP, MS M992
Alison Dorries, ERSS-DO, MS M992
Peggy Reneau, ERSS-DO, MS M992
ADEP File, MS M992
EP-CAP File, MS M992
IRM-RMMSO, MS A150
Public Reading Room, MS M992
RPF, MS M707

Table 1

Summary of Remaining Borehole Drilling, Sampling, Field Screening, and Analyses Proposed for Consolidated SWMU 16-008(a)-99, 90s Line Pond

Consolidated SWMU	Area Addressed	Number of Boreholes/Sample Locations	Borehole Total Depth (ft)	Geologic Units encountered	Minimum Number of Samples Estimated for On-site Field Screening	Minimum Number of Samples Estimated for Fixed Laboratory Analysis	Fixed Laboratory Analysis												
							VOCs (SW-846 8260B)	SVOCs (SW-846 8270C)	HE Compounds (per Table III-1 of Consent Order)	TAL Metals (incl. Mercury) (SW-846 6010B, SW-846 7471A)	Chromium VI (SW-846 7196A)	Cyanide (SW-846 9012A or 9010B)	Uranium (SW-846 6020)	TPH DRO (SW-846 8015M)	Nitrate (EPA Method 300)	Perchlorate (SW-846 8321A)	Anions (EPA Method 300)	Alkalinity (EPA Method 310.1)	Total Dissolved Solids (TDS)
	90s Line Geomorphic drainage channels - Center of drainage channels based on a geomorphologic field assessment.	2	2 ft into tuff or auger refusal (~5-10 ft)	Fill Qbt 4	6	4 (2 per BH)	X	X	X	X	-	X	X	-	X	X	-	-	-
16-008(a)-99	90s Line Pond – BHs per the 1993 OU 1082 RFI WP	3	~20 ft	Fill Qbt 4	18	9 (3 per BH)	X	X	X	X	-	X	X	-	X	X	-	-	-

**Perched groundwater is not anticipated to be encountered during drilling; however, groundwater samples will be collected and submitted offsite for the following analyses if encountered.

TBD = to be determined