

[Document](#)[Discussion](#)

[Return To Library](#) > [Records](#) > [ERID-94000 through ERID-94500](#) > ERID-094429 1) SECOND RESPONSE TO NEW MEXICO ENVIRONMENT DEPARTMENTS NOTICE OF DISAPPROVAL AND SUPPLEMENT TO NOTICE OF DISAPPROVAL FOR THE INVESTIGATION REPORT FOR MATERIAL DISPOSAL AREA G (MDA G)M CONSOLIDATED UNIT 54-013(B)-99, TECHNICAL AREA 54 (TA-54), LANL DATED 9-13-2006

Created By: Nicole M. Valerio\USERS\LANL
 File name: Target-ERID # for Domino.txt
 Version: 1.0
 Document Type: RPF Record
 Description: RECORD SUBMITTED BY: ESTHER
 WITHEROW

Document Details:

Title: ERID-094429 1) SECOND RESPONSE TO NEW MEXICO ENVIRONMENT DEPARTMENTS NOTICE OF DISAPPROVAL AND SUPPLEMENT TO NOTICE OF DISAPPROVAL FOR THE INVESTIGATION REPORT FOR MATERIAL DISPOSAL AREA G (MDA G)M CONSOLIDATED UNIT 54-013(B)-99, TECHNICAL AREA 54 (TA-54), LANL DATED 9-13-2006

ERID Number.StartPage: ERID-094429

Office of Record: ENV-ERSS

Date Received: 01/12/2007

Official Use Only: N

Page Count: 5

Record Type: Letter

Document Date: 11/07/2006

To:(Addressees - Organization) JAMES BEARZI, HWB-NMED
(separate multiple values with semicolons)

From:(Senders - Organization) ANDREW PHELPS, LANL
 DAVID GREGORY, DOE
(separate multiple values with semicolons)

Other Document Number(s): EP2006-0890
(separate multiple values with semicolons)

TA: 54
separate multiple values with semicolons)

PRS Number(s): 54-013(B)-99
(separate multiple values with semicolons)

Record Box Number:

* Denotes Fields that are mandatory.

To download this file, right mouse click on the file and select 'Save to Disk' or 'Save Target as'

[Target-ERID # for Domino.txt](#) <-- This link points to this version.

To check-out and/or edit this file, select Edit Document or Check Out Document from the Document menu above.



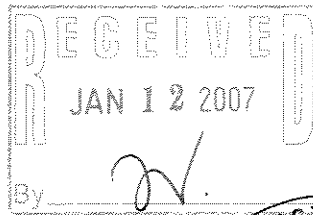
File Cabinet:

[Records](#)

Los Alamos
NATIONAL LABORATORY

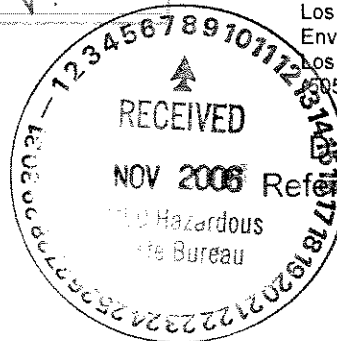
EST. 1943

Environmental Programs
Corrective Actions Project
PO Box 1663, Mail Stop M992
Los Alamos, New Mexico 87545
(505) 667-0819/FAX (505) 665-4747



094429
5

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504



Date: November 7, 2006
Reference to: EP2006-0890

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

**SUBJECT: SECOND RESPONSE TO NEW MEXICO ENVIRONMENT
DEPARTMENT'S NOTICE OF DISAPPROVAL AND SUPPLEMENT TO
NOTICE OF DISAPPROVAL FOR THE "INVESTIGATION REPORT FOR
MATERIAL DISPOSAL AREA (MDA) G, CONSOLIDATED UNIT
54-013(B)-99, AT TECHNICAL AREA 54" LOS ALAMOS NATIONAL
LABORATORY, DATED SEPTEMBER 13, 2006**

Dear Mr. Bearzi:

In its September 13, 2006, letter, the NMED points out that vapor phase tritium concentrations in borehole 54-01111 increased from 26,500 pCi/L at 40 ft to 1.58×10^8 at 139 ft depth. Borehole 54-01111 is down gradient of active tritium disposal shafts 309, 311, and 313 (see attached figure). In 2006, the Laboratory disposed of over 100,000 curies of tritium in shafts 309, 311, and 313 and an additional 100,000 curies in shafts 363 and 367, located in the north-central portion of Area G.

Because active tritium disposal will continue in this area until Area G is closed, the Department of Energy has directed the Laboratory to determine whether the trend in increased tritium extends to the basalt. The Laboratory proposes to extend the depth of borehole 54-24397 (which is approximately 100 ft from borehole 54-01111 to the basalt and approximately 225 ft below ground surface) and install monitoring equipment to sample for tritium. The results of the monitoring will be reported to NMED in the update to the MDA G investigation report.

Los Alamos National Security is happy to meet with your staff if you have questions on tritium disposal or monitoring. Please call John Hopkins at (505) 667-9551 (johnhopkins@lanl.gov) or Frank Bosiljevac at (505) 845-5746 (fbosiljevac@doeal.gov) if you have any questions.

Sincerely,

Andrew Phelps, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

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

Mr. James Bearzi
EP2006-0890

2

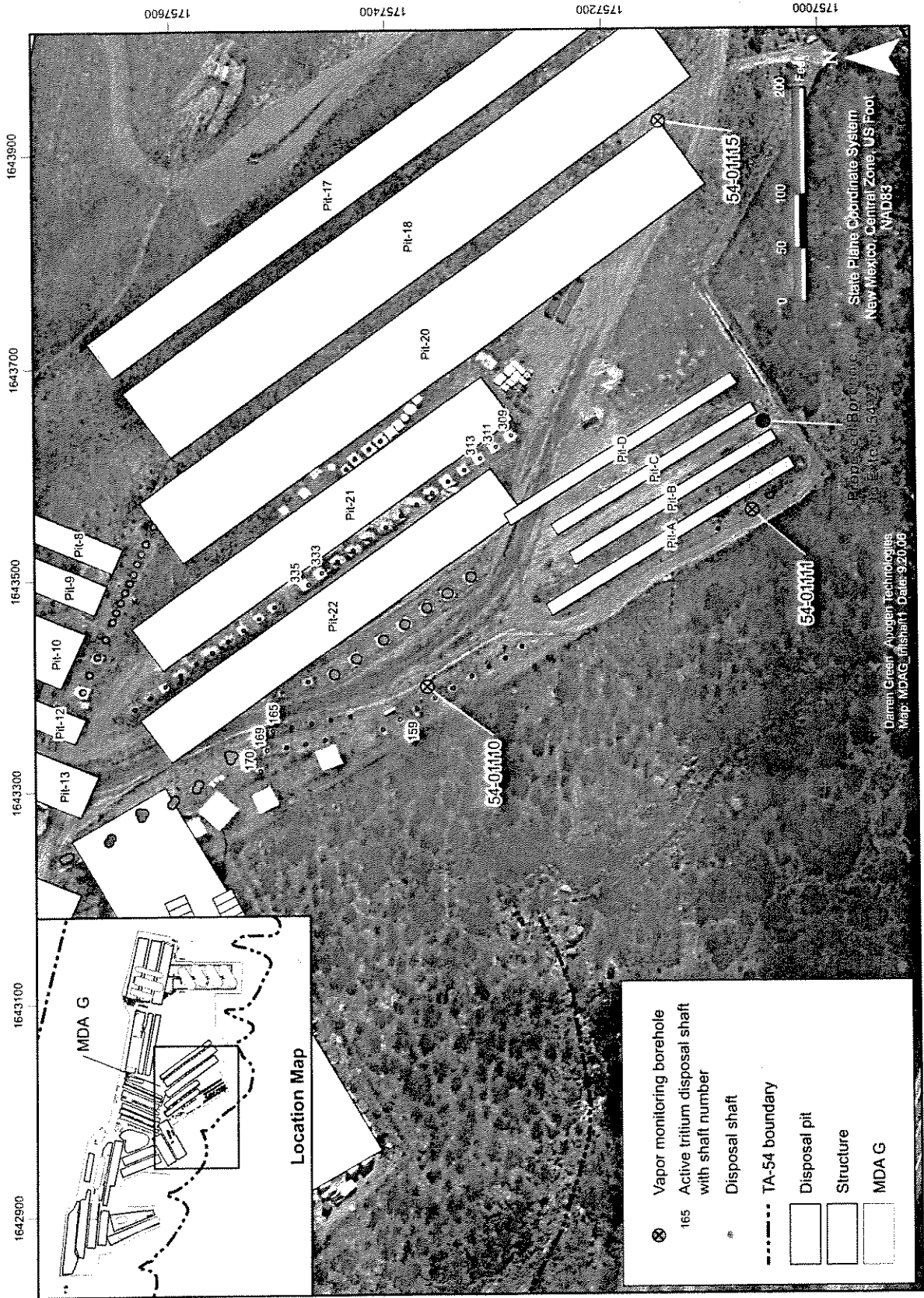
November 7, 2006

AP/DG/JH/ew

Enclosure: 1) Map of active tritium disposal shafts and proximal vapor monitoring boreholes in the south central

Cy:(w/enc)

J. Hopkins, EP-CAP, MS M992
F. Bosiljevac, DOE AL, MS A316
D. Gregory, DOE LASO, MS A316
T. Skibitski, NMED-OB
A. Dorries, EP-ERSS, MS M992
G. Dover, EP-CAP, MS M992
D. McInroy, EP-CAP, MS M992
C. Mangeng, ADEP, MS J591
A. Phelps, ADEP, MS J591
P. Reneau, EP-ERSS, MS M992
L. King, EPA Region 6
EP-CAP File, MS M992
RPF, MS M707
IRM-RMMSO, MS A150



Active tritium disposal shafts and proximal vapor monitoring boreholes in the south-central portion of MDA G

EP Document Signature Form Read-Only Access Person Making Entry is WIN/176876/Unknown (Created on 9/27/2006)

[Home](#) [Bottom](#)



Printable Page


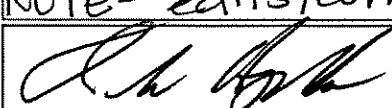

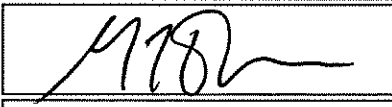
Document Catalog Number EP2006-0890 (Please prefix the name of all electronic versions of this document with this number.)

* Required Field

| | | |
|--|---|---|
| *Document Title / Subject | RESPONSE TO NEW MEXICO ENVIRONMENT DEPARTMENT'S RESPONSE TO NOTICE OF DISAPPROVAL AND SUPPLEMENT TO NOTICE OF DISAPPROVAL FOR THE "INVESTIGATION REPORT FOR MATERIAL DISPOSAL AREA (MDA) G, CONSOLIDATED UNIT 54-013(B)-99, AT TECHNICAL AREA 54" LOS ALAMOS NATIONAL LABORATORY, DATED | |
| PRs | None | |
| Associated Document Catalog Number(s) | None | |
| *Author | Hopkins, John K 667 9551 johnhopkins@lanl.gov | |
| *Organization | Corrective Actions Project (EP-CAP), Pkg1728 | |
| Document Team | Witherow, Esther M 665 3388 emw@lanl.gov | |
| *Document Type | Letter (regulatory type: transmittal, permit, etc) | Former OU N/A |
| Date Due | Date Final Complete | Date Sent to DOE |
| Date Sent to NMED | Date Sent to RPF (Paper & Electronic) | |
| Received Per RPF | RPF ER ID Number | |
| CT No | LA-UR Number | |
| Performance Measure No | | |
| AA Deliverable <input type="checkbox"/> | Certification Required <input type="checkbox"/> | Force Peer Review <input type="checkbox"/> |
| Distribution TO: | Mr. James Bearzi | |
| Distribution FROM: | | |

| | |
|---------------------------|--|
| | Andy Phelps/David Gregory/John Hopkins |
| Distribution COPY: | Cy: (w/enc) M. Johansen, DOE-LASO, MS A316 D. Gregory, DOE-LASO, MS A316 |
| Distribution THRU: | |
| Attachment Notes | |
| Status/Comments | |

Reviewer Signatures: (By signing, the reviewer indicates that he/she reviewed and approves the document.)

| Reviewer (Print reviewer's name under title) | Signature | Date |
|---|--|-------------------|
| Word Processor Elizabeth W. Theron |  | 11-2-06 |
| Proof Reader Meena Sachdeva | NOTE- edits/corrections | not made to final |
| Author John Hopkins |  | 11/6/06 |
| Solid Waste Regulatory Compliance (SWRC) N/A | N/A | |
| Project Leader John Hopkins |  | 11/6/06 |
| Program Manager Gordon Dover |  | 11/6/06 |
| Distributed By | | |

Document Catalog Number EP2006-0890 — FOR LETTER

Top

MDA G SECOND RESPONSE TO NMED

JOHN HOPKINS

to NMED: 11/8/06