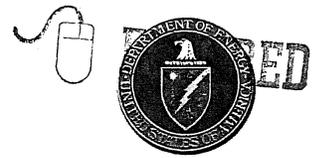




National Nuclear Security Administration  
Sandia Site Office  
P.O. Box 5400  
Albuquerque, New Mexico 87185-5400



**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

NOV 24 2010

James Bearzi, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive, Bldg. 1  
Santa Fe, New Mexico 87505



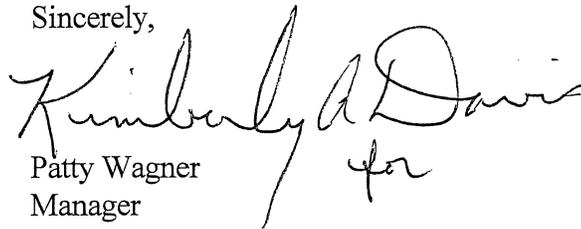
Subject: Slug Test Results and Geophysical Logs for the Four New Technical Area V (TA-V) Ground Water Monitoring Wells

Dear Mr. Bearzi:

On behalf of the Department of Energy/National Nuclear Security Administration (DOE/NNSA) and Sandia Corporation (Sandia), DOE/NNSA is submitting the slug test results for the four new TA-V groundwater monitoring wells and the geophysical logs for all 16 groundwater monitoring wells at TA-V as required by the New Mexico Environment Department (NMED) letter *“Notice of Conditional Approval: SNL Responses to NMED December 2009 NOD Issued For TA-V Groundwater Investigation Work Plan Associated With TA-V Groundwater CME Report, July 2005, Sandia National Laboratories EPA ID# NM5890110518, HWB-SNL-05-027”*, dated May 19, 2010. The geophysical logs are provided as Enclosure 1 and the slug testing hydraulic conductivity results are provided as Enclosure 2. Supporting information for the geophysical logs and slug testing results will be included at a later date in the Well Installation Report that will include all required documentation for the TA-V groundwater and soil vapor monitoring well installation work conditionally approved by NMED in the May 19, 2010 letter.

Should you have any questions regarding this correspondence, please feel free to contact me at (505) 845-6036, or John Gould of my staff at (505) 845-6089.

Sincerely,

  
Patty Wagner  
Manager

Enclosures (2)

James Bearzi

-2-

**NOV 24 2010**

cc w/enclosures:

W. Moats, NMED (Via Certified Mail)  
L. King, EPA, Region 6 (Via Certified Mail)  
T. Skibitski, NMED-OB (electronic copy)  
B. Birch, NMED-OB (electronic copy)  
Records Center, SNL/NM, MS 1089

cc w/o enclosures:

M. Walck, SNL/NM, Org. 06900, MS-0701  
S. Orrell, SNL/NM, Org. 06200, MS-0771  
A. Blumberg, SNL/NM, Org. 11100, MS-0141  
D. Miller, SNL/NM, Org. 06234, MS-0718  
J. Cochran, SNL/NM, Org. 06234, MS-0719  
M. Skelly, SNL/NM, Org. 06234, MS-0718  
B. Langkopf, SNL/NM, Org. 06234, MS 0718  
C. Daniel, SNL/NM, Org. 06234, MS-0718  
J. Gould, SSO, MS-0184

## CERTIFICATION STATEMENT FOR APPROVAL AND FINAL RELEASE OF DOCUMENTS

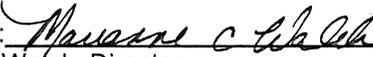
Document title: **TA-V Geophysical Logs and Slug Test Results, November 2010**

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Document author: **Mike Skelly, Department 06234**

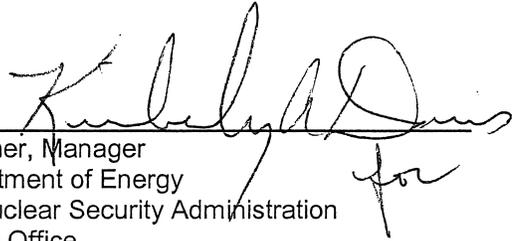
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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Signature:   
Marianne Wack, Director  
Geoscience, Climate, and Consequence Effects  
Center 6900  
Sandia National Laboratories/New Mexico  
Albuquerque, New Mexico 87185  
Operator

11-29-10  
Date

and

Signature:   
Patty Wagner, Manager  
U.S. Department of Energy  
National Nuclear Security Administration  
Sandia Site Office  
Owner and Co-Operator

11/24/10  
Date