



Department of Energy

Washington, DC 20585

QA: L

OCT 15 1997

R. W. Craig, Technical Project Officer
for Yucca Mountain Site
Characterization Project
U.S. Geological Survey
1261 Town Center Drive
Building 12, Room 1249, M/S 423
Las Vegas, NV 89134

ISSUANCE OF DEFICIENCY REPORT (DR) USGS-97-D-009

Enclosed is DR USGS-97-D-009.

Please provide a response to this deficiency that meets the applicable requirements of Administrative Procedure 16.1Q, Performance/Deficiency Reporting. Send the original of your response to Deborah Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455, North Las Vegas, Nevada 89036-0307. Response to the DR is due 20 working days from the date of this letter. Any extension to the due date must be requested in writing, with appropriate justification, prior to the due date.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Donna J. Sinks at (303) 236-5050.

James Blaylock for
Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-0065

Enclosure:
DR USGS-97-D-009

cc w/encl:
J. O. Thoma, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
T. H. Chaney, USGS, Denver, CO
D. J. Sinks, OQA/USGS, Denver, CO
A. M. Whiteside, OQA/USGS, Denver, CO

cc w/o encl:
W. L. Belke, NRC, Las Vegas, NV
D. G. Sult, OQA/QATSS, Las Vegas, NV
R. W. Clark, DOE/OQA, Las Vegas, NV

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ORIGINAL

**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

8 Performance Report
Deficiency Report

NO. USGS-97-D009

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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:

YMP-USGS-QMP-4.01, R9, Procurement Document Control/Receipt of Procurements

2 Related Report No.

NA

2.3 Responsible Organization:

USGS, ESIP

4 Discussed With:

K. Lewis, Z. Peterman, A. Yang, G. Rattray

5 Requirement/Measurement Criteria:

YMP-USGS-QMP-4.01:

- Sec. 2, Para. 4 states, in part, that: "Services falling within the scope of this procedures shall not be purchased using..... bank cards....."
- Attachment 1, Item #1, bullet 3 states, in part, that "Procurements that fall within the scope of this procedure include the following:calibration services (may include purchase of equipment that needs calibration); analytical services...."
- *Sec. 1 states, in part, that "This QMP ensures that the USGS, YMPB, procurement document contain the appropriate technical and QA requirements,....."*

6 Description of Condition:

Unauthorized purchases of calibration and analytical services ^{WERE} ~~were~~ ^{10/10/97} obtained from Certified Balance Services (CBS), Englewood, CO, and from Huffman Labs, Inc., Golden, CO, both USGS vendors on the OCRWM Qualified Supplier List. The use of government bank cards for making quality affecting purchases is prohibited. Government VISA cards (IMPAC cards) were used to obtain the following services:

- four balances to CBS on 7/7/97 for calibration. The balances calibrated include:
 - Mettler model PE160, serial # 10807
 - Sartorius model 1601, serial # 3402009 (unsure of #, difficult to read on the CBS work order)
 - Fisher (DI) XL 3000, serial # 06202
 - Mettler PE 16, serial # E20655

Continued on page 3.

7 Initiator

Joyce Golos, Admin. Officer Date 8/22/97

9 Is condition an isolated occurrence?

Yes No Unknown; Must be Yes if PR

10 Recommended Action: (Not required for PR)

- Complete Receiving Reports (per QMP-4.01) for:
 - calibration information received from CBS for calibrations conducted using the bank card (CBS invoice # 970708, dated 7/7/97).
 - analytical data received from Huffman as described in invoice # 500397 dated 8/29/97
- Submit copies of applicable CBS calibration certificates with the response (or corrective action) to this DR.

Continued on page 3.

11 QA Review:

QAR Donna Sinks, OQA On-site Rep. Date 9/25/97

12 Response Due Date

20 working days from issuance

13 Director, OQA Issuance Approval: (QAR for PR)

Printed Name D.G. HORDON

Signature

James Blaylock

Date 10/10/97

22 Corrective Action Verified

QAR

Date

23 Closure Approved by: (N/A for PR)

DOQA

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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

15 Extent of Condition: (Not required for PR)

16 Root Cause Determination: (Not required for PR)

Required Yes No

17 Action to Preclude Recurrence: (Not required for PR)

Required Yes No

18 Corrective Action Completion Due Date:

19 Response by:

20 Response Accepted

QAR

Date

21 Response Accepted (N/A for PR):

DOQA

Date

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PR/DR CONTINUATION PAGE

6 DESCRIPTION OF CONDITION (continued)

1. Continued:

NOTE: A portion of the calibration could have been requested via blanket purchase order 1434-CR-97-SA-00415 (effective 2/7/97) for the Mettler model PE160 and the Fisher (DI) XL 3000.

2. cation and anion analyses from Huffman Labs, invoice #500397, 8/29/97

NOTE: A portion of the suite of analyses could possibly have been requested via blanket purchase order 1434-CR-97-SA-00317 for all the analytes on the invoice, except strontium

3. *Use of the credit card to procure services by-passed passing technical and quality requirements on to the vendor.*

10 RECOMMENDED ACTIONS (continued)

4. Submit copies of the applicable Huffman analyses with the response (or corrective action) to this DR.
5. Identify applicable records/records packages that have been sent to the Records Processing Center (RPC), and data sets that will be sent to the RPC, that included or will include Huffman data and data acquired using the balances calibrated by CBS. Add reference to this DR to affected records or record packages.
6. Complete the YMPB Notification of Calibration Status form (YMP-USGS-QMP-12.01, R8, Instrument Calibration) for the CBS calibrations and submit a copy with the response (or corrective action) to this DR.
7. Determine the impact on data as a result of the unauthorized purchases.
8. Determine if other instances of the use of a bank card for quality affecting procurements have occurred.
9. Provide a reference to this DR in applicable procurement files.