

U.S. DEPARTMENT OF ENERGY
OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
OFFICE OF QUALITY ASSURANCE

SUPPLIER AUDIT REPORT

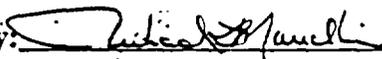
OF

BETA ANALYTICAL, INC.

MIAMI, FLORIDA

REPORT NUMBER OQA-SA-97-010
FEBRUARY 18-19, 1997

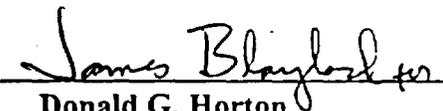
Prepared by:



Date: 02/28/97

Richard L. Maudlin
Audit Team Leader
Office of Quality Assurance

Approved by:



Date: 3/10/97

Donald G. Horton
Director
Office of Quality Assurance

Enclosure

1.0 EXECUTIVE SUMMARY

The results of the supplier audit of Beta Analytical, Inc. revealed that implementation in all the areas evaluated was satisfactory. There were no conditions adverse to quality found. Personnel performing sample receipt through sample preparation demonstrated a good knowledge and understanding of the sample preparation process. Accelerator Mass Spectrometry analysis is performed by Lawrence Livermore National Laboratory - Center for Accelerator Mass Spectrometry. The facility capability and environment were determined to be above average for the work being performed. The facility was kept very clean and all personnel were observed wearing protective clothing. Beta Analytical, Inc. continues to use the system of cross-checks that was observed during the initial audit performed by the Office of Quality Assurance (OQA) in 1995 and demonstrates a clear commitment to quality. The processes used by Beta Analytical, Inc. have changed little, if at all, in the preparation of samples for the United States Geological Survey (USGS). Also, the follow-up to verify implementation of corrective action as identified in Deficiency Report (DR) YM-95-D-009 and Performance Report (PR) YM-95-010 was found to be satisfactory.

The results of the audit do not warrant any recommendation for limitations or other conditions that should be invoked relative to the items or services being provided; however, responsibility for determination of continued use of this supplier rests with the USGS.

2.0 SCOPE

The supplier audit was conducted to evaluate the adequacy, implementation, and effectiveness of Beta Analytical, Inc.'s Quality Assurance (QA) program. This was accomplished by determining if Beta Analytical, Inc.'s QA program implements the applicable portions of the Office of Civilian Radioactive Waste Management's Quality Assurance Requirements and Description (OCRWM) (QARD); satisfies the applicable QA requirements specified in the USGS procurement document 1434-CR-96-SA-00561, and satisfactorily implements Beta Analytical, Inc.'s QA Manual, dated January 1, 1996, as accepted by the USGS, for the scope of work. The QA program elements determined to be applicable are: Organization; QA Program; Procurement Document Control; Implementing Documents; Document Control; Control of Purchased Items and Services; Control of Measuring and Test Equipment; Corrective Action; QA Records; Audits; Software Control; and Sample Control. In addition, a follow-up has been performed to verify implementation of corrective action to open deficiencies YM-95-D-009 and YM-95-P-010 which resulted from supplier audit OQA-SA-95-002.

3.0 AUDIT TEAM AND OBSERVERS

Richard L. Maudlin, Audit Team Leader, OQA

4.0 PERSONNEL CONTACTED DURING FACILITY AUDIT

R. E. Hatfield, Laboratory Manager, Beta Analytical, Inc.
David Miller, Technician, Beta Analytical, Inc.

5.0 SUMMARY OF AUDIT RESULTS

Beta Analytical, Inc.'s QA Manual, dated January 1, 1996, addresses the applicable elements of the OCRWM QARD for the intended scope of work. Effective implementation of the applicable elements of the OCRWM QARD by Beta Analytical, Inc. is considered satisfactory. The results of the follow-up of implementation of corrective action to DR YM-95-D-009 and PR YM-95-P-010 were found satisfactory.

The details of the audit, along with the objective evidence reviewed, are contained within the audit checklist, which is available from the OQA's supplier evaluation files.

6.0 DEFICIENCIES/RECOMMENDATIONS

No unsatisfactory conditions and/or recommendations were identified during this audit.