



**Department of Energy**  
Washington, DC 20585

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**MEMORANDUM FOR DISTRIBUTION**

**FROM:** WILLIAM H. ROEGE  
DIRECTOR *William H. Roege*  
OFFICE OF CORPORATE SAFETY ANALYSIS  
OFFICE OF HEALTH, SAFETY AND SECURITY

**SUBJECT:** United States Department of Energy Analytical Services  
Program Fiscal Year 2009 Report

Attached is the Department of Energy's (DOE) Analytical Services Program (ASP) Fiscal Year 2009 Report. The report summarizes ASP's activities supporting field implementation of services in the following areas:

- Systematic Planning and Data Assessment Tools and Training Program
- Department of Energy Consolidated Audit Program (DOECAP)
- Mixed Analyte Performance Evaluation Program (MAPEP)

These programs provide integral support to the Department and its field offices. Through software toolkit applications, environmental field data collection and interpretation processes are improved and meet Data Quality Objectives. These programs increase the reliability of analytical data and proper disposition of low-level and mixed radioactive and chemical wastes; reduce DOE liability; eliminate costly redundant audits; improve the overall performance levels of laboratories and waste facilities; and enhance the quality and credibility of data. These ASP planning, auditing and proficiency testing activities are primary vehicles for assuring that quality data are available for field decision-making in support of ongoing mission critical operations and functions, such as, environmental remediation, facility decontamination, long term legacy management monitoring, regulatory compliance, and milestone achievement.

Key program accomplishments over the past year have been beneficial to DOE field operations. New developments and enhancements for field applications of the Visual Sample Planning (VSP) tools have improved project sample planning and statistical data analysis, while three training sessions provided to over 100 DOE Federal and contractor employees have increased VSP implementation. Through annual consolidated audits at 43 analytical laboratories and commercial treatment, storage and disposal facilities, DOECAP has eliminated the need for over 110 independent field audits and provided an estimated cost savings in excess of \$3.6 million to the Department. The MAPEP proficiency testing has



continued to assure the quality and defensibility of environmental analytical data through evaluation of over 120 domestic and international laboratories and maintained comprehensive traceability to the National Institute of Standards and Technology.

Initiatives by both the Office of Health, Safety and Security (HSS) and the field are underway to achieve the following: (1) acquire a larger pool of qualified auditors; (2) reduce the number of proficiency test failures; (3) provide Departmental perspectives on national consensus standards impacting auditing, proficiency testing, and environmental planning processes; and (4) establish increased cost-sharing efficiencies between HSS, the field, and other governmental agencies.

Hardcopy distribution of this report is being made to DOE Managers. For other individuals receiving this memorandum, please refer to the report's electronic version found on the DOECAP or MAPEP websites, at <https://doecap.oro.doe.gov> and [www.inl.gov/resl/mapep](http://www.inl.gov/resl/mapep). For further information about the Department's corporate ASP, please contact George E. Detsis, of my staff, at (301) 903-1488 or [george.detsis@hq.doe.gov](mailto:george.detsis@hq.doe.gov).

Attachment: U.S. Department of Energy Analytical Services Program Fiscal Year 2009 Report

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