

Derryl D. Stagg

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SUMMARY

- Awareness of Waste Management and Remedial Investigation and Feasibility Studies Operations at DOE sites (ORNL, Rocky Flats, Fernald, Savannah River, Hanford, INEEL, NTS, Mounds).
- Developed procedures for analytical equipment operation and sample handling (Savannah River for WIPP).
- Wrote and implemented QA/QC manuals and procedures for environmental and waste samples, including data validation; performed audits established laboratory quality assurance programs to comply with NQA-1.
- Performed research and method development of alternative methods for waste analysis.
- Provided analytical and data management consulting (ORNL, Rocky Flats, Fernald).
- Responsible for analytical laboratory production; utilizing EPA methods of analysis.
- Managed environmental and explosives laboratory for regulatory compliance and groundwater remediation experiments.
- Qualified as Rad-Worker II.
- Confidential (L) Clearance, Department of Energy.

CONSULTING

- Provided both analytical management consulting to state and federal agencies (Hanford, INEEL, and Rocky Flats).
- Audited environmental restoration programs (INEEL); performing assessments in operations safety environmental laboratory, plant performance and oversight (Rocky Flats).
- Designed and implemented an improved method of rapid data processing using bar code and direct link to transfer field collection data to the data base with electronic screening of data (ORNL).
- Evaluated sampling and analysis plans for field implementation and wrote analytical sections for sampling and analysis plans (Fernald, Mounds, ORNL, NTS, INEEL, and Hanford).
- Established analytical methods and wrote procedures with Data Quality Objectives and Quality Assurance Project Plans to meet client's needs (Fernald).
- Analyzed more than 100,000 historical records and evaluated data for consistency (Rocky Flats).

- Proved instrumental in a team effort to establish corporate data management standards.
- Evaluated Headspace sampling and analysis system for WIPP waste characterization and wrote procedures supporting program (Savannah River, NTS, INEEL, TRU Waste project Oak Ridge).
- Established a data validation program for a remedial investigation program (Fernald).
- Provided alternative analytical methods for radioactive contaminated samples.

ANALYTICAL SERVICES MANAGEMENT

- Managed explosives laboratory for regulatory compliance and groundwater remediation experiments. Over see the daily operation and training of personnel. Performed data review and approval.
- Managed analytical and data services for remedial investigation projects at Oak Ridge National Lab and Rocky Flats (Colorado) facilities; 10,000 sample per year program. Included data validation, continuous improvement in data management, and budget management. Served as contracts administrator for off-site laboratories.
- Established and managed the daily operations of an environmental mixed waste laboratory, including QA/QC to meet NQA-1 requirements, training to CLP, SW-846 EPA methods, safety, data review and hiring personnel. Increased laboratory revenue from zero to \$3 million per year and from 5 to 17 employees within three years. Utilized GMP/GLP practices.
- Established a field extraction facility for organic analysis of higher radioactive samples (Fernald).
- Managed field operations laboratory for processing radioactive contaminated samples.

ANALYST

- Environmental and waste characterization, EPA methods.
- Experience in GC, GC/MS with quadrupole and ion trap detectors for environmental and forensic drug analysis.
- Therapeutic drug monitoring using HPLC, RIA, EMIT assay.
- Method development using HPLC and GC/MS techniques.
- Performed EPA wet methods.
- Supervised clinical chemistry group.
- Experienced in trace analysis for environmental, clinical and forensic chemistry for 20+ years.

TEACHING

- Academic teaching experience, 8 years undergraduate chemistry and general physics.
- Taught and trained personnel in all aspects of laboratory operations including data validation, data management, and data sufficiency.

EMPLOYMENT HISTORY

2006-2008: EnergX LLC; Oak Ridge, TN; Self Employed Consultant
2004-2005: Earth Tech; Pueblo, CO, Laboratory Manager
2004: Community College of Denver, CO Adjunct Instructor
2003-2004: Valero Energy; Denver, CO; Assistant Manager
2001-2002: Nuclear Filter Technology; Golden, CO; Senior Chemist
2001-2001: Industrial Laboratories, Inc.; Denver, CO; Senior Chemist
2001: Front Range Community College; Westminster, CO, Adjunct Instructor
1999-2000: Rocky Mountain Instrument Laboratory; Fort Collins, CO; Forensic Chemist/Scientist
1996: Community College of Aurora; Aurora, CO; Adjunct Instructor
1996-1999: Self-Employed Consultant
1993-1996: Rocky Flats Environmental Technology Site; Golden, CO; Manager of Analytical and Data services, Senior Scientist
1992-1993: Bechtel Environmental, Inc.; Oak Ridge, TN; Manager of Analytical and Data Services
1986-1992: IT Corporation; Oak Ridge, TN; Project Manager, Manager of Mixed Waste Laboratory, Chemist
1984-1985: Analytical Biomedical Laboratory; Knoxville, TN; Supervisor of Clinical Chemistry
1981-1984: Carson-Newman College; Jefferson City, TN; Assistant Professor of Chemistry
1978-1981: Campbellsville College; Campbellsville, KY; Associate Professor
1966-1969: US Army; Medical Specialist and Medical Laboratory Specialist

ACADEMIC ACHIEVEMENT AND ADDITIONAL TRAINING

Ph.D, Chemistry, Mississippi State University, 1978
M. A., Chemistry, Sam Houston State University, 1973
B. S. Chemistry, East Texas Baptist University, 1971

Additional training includes course work in 40 hour OSHA, Project Management, Introduction to ICP-MS and Root Cause Analysis