TODD A. KIMMELL

Environmental Policy Analysis Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S.	The George Washington University, Environmental Science, 1982
B.S.	The Indiana University of Pennsylvania, Biology/Chemistry Minor, 1978

Professional Experience:

1993-Present Environmental Scientist/Policy Analyst
Environmental Science Division
Argonne National Laboratory

DOD projects include support to the U.S. Army on permitting and compliance programs for chemical munitions management, participation in the Army's Assembled Chemical Weapons Assessment program, participation in the Army's program for chemical agent analytical methods, support to the Army Chemical Stockpile Emergency Preparedness program, and participation in Remedial Investigations/Feasibility Studies at Army conventional and chemical disposal sites. DOE projects are focused in the RCRA/CERCLA area and include development of environmental guidance and training programs, and regulatory review of EPA and State proposed and final rulemakings, including those pertaining to RCRA and CERCLA. Current DHS projects include emergency response planning support to the Urban Area Security Initiative. Current EPA projects include participation in the Agency's program to promote new approaches to environmental cleanup, and evaluation of analytical methods for use during emergency response. Mr. Kimmell is a member of the National Research Council Committee overseeing aspects of the Army's program for non-stockpile chemical munitions management, and a former member of DOE's RCRA Corrective Action National Working Group, and the EPA Water Protection Task Force Core Group. Past projects have included development of negotiated rulemakings for chemical munitions management in several stockpile states, development of ultra-sensitive analytical methods for chemical agents in waste and environmental matrices, RCRA delisting program for chemical agents, and participation, on behalf of DOE, in an American Society for Testing and Materials-led effort to develop the next generation leaching test for application in the RCRA program. Also participated on behalf of DOD in initial efforts to work with EPA on the Military Munitions Rule and the Range Rule.

Summary of Previous Experience:

1986-1993 Department Manager/Executive Environmental Scientist
Brown & Root/Halliburton NUS Environmental Corporation

Managed multi-disciplinary technical/regulatory project staff consisting of RCRA, CERCLA and NEPA experts, and was responsible for marketing, proposal development, program management, project management, technical direction, and employee performance.

Managed level-of effort, multi-disciplinary programs for EPA, DOE, DOD, private sector clients, and numerous individual projects, ranging in size from several thousand to several million dollars. Served as senior RCRA expert on many projects, including guidance and training programs for EPA and DOE, and regulatory review of EPA and State proposed and final rulemakings for DOE. Was principal contributor to establishment of national program for permitting Army installations involved in Open Burning/Open Detonation. Managed RCRA permitting activities at 11 Army installations. Participated on behalf of DOD in initial efforts to work with EPA on the Military Munitions Rule. Performed RCRA facility assessments, RCRA facility investigations, compliance assessments and on-site investigations. Primary author of EPA RCRA Facility Investigation Guidance and Training Program.

1979-1986 Senior Environmental Scientist
U.S. Environmental Protection Agency Office of Solid Waste

Coordinated the development and validation program for the Toxicity Characteristic Leaching Procedure promulgated under the RCRA Land Disposal Restrictions Rule and the RCRA Toxicity Characteristic. Coordinated the development and validation program for the Liquid Release Test proposed for use in the Liquids in Landfills prohibitions mandated by the Hazardous and Solid Waste Amendments of 1984. Participated as one of the initial engineers of the Land Disposal Restrictions program. Evaluated regulatory issues pertaining to waste characteristics, including ignitable, reactive, explosive, toxic, mutagenic, carcinogenic, teratogenic, and radioactive wastes. Also evaluated environmental fate characteristics, such as persistence, bioaccumulation potential, and biodegradation. Evaluated regulatory issues pertaining to special waste categories, including mining waste, electric utility ash, oil and gas wastes, dredge spoils, oily wastes, monofill wastes, explosive wastes, and foundry wastes. Organized, coordinated, and chaired EPA and other workshops. Coordinated and evaluated hazardous waste petitions for delisting a wide variety of listed hazardous wastes, and provided technical support to the RCRA State Authorization Program.

Research Interests:

Defense industry special waste issues
Remediation and waste treatment technologies
Development and application of analytical and environmental test methods
Interface between emergency response and environmental protection

Past and Present Professional Activities:

National Research Council (NRC), Board on Army Science and Technology, Committee on Review and Evaluation of the Army Non-Stockpile Chemical Materiel Disposal Program
EPA Water Security Task Force Core Group
DOE RCRA Corrective Action National Working Group
Various Environmental and Waste Management Associations

Publications:

Author/co-author of 150+ journal, book, report, and conference publications and presentations.