

00000018

VITA

Edwin F. Barth, P.E.
Office of Research and Development
United States Environmental Protection Agency
26 W. Martin Luther King Drive
Cincinnati, Ohio 45219
(513) 569-7669

EXPERIENCE

ENGINEER: United States Environmental Protection Agency Office of Research and Development, Center for Environmental Research Information, Cincinnati, OH. (1990 TO PRESENT)

Compile existing technical information on hazardous waste remediation technologies (focusing on immobilization technologies) developed by industry, academia, and national research laboratories on hazardous waste on municipal solid waste into technology transfer documents. Provide verbal and written technical information to Federal agencies, industry, academia and international environmental agencies. Serve as expert witness to Federal agencies. Represent Office of Research and Development in agency work groups and represent agency in interagency work groups involving the transfer of technical information on hazardous waste remediation technologies.

ENGINEER: United States Environmental Protection Agency, Office of Research and Development, Risk Reduction Engineering Laboratory, Cincinnati, OH. (1987-1990)

Project Manager for solidification/stabilization technology evaluation projects. Key laboratory contact for soil solidification/-stabilization and vitrification technical assistance requests, by U.S. EPA Regions, Department of Energy, Army Corps of Engineers and other Federal agencies and states. SITE program Project Manager for demonstration involving CHEM FIX solidification/stabilization process. Key author for Agency solidification/stabilization protocols. Manager of solidification/-stabilization treatability study program at Agency's Center Hill Research Laboratory. Expert witness for solidification/stabilization negotiations.

ENGINEER: United States Environmental Protection Agency, Office of Solid Waste and Emergency Response, Superfund Program, Washington, DC. (1984 - 1987)

Provided technical assistance to U.S. EPA Regions regarding technology implementation for uncontrolled hazardous waste sites. Development of technical policy for Superfund hazardous waste site program. Policy included evaluation and utilization of alternative technologies to land disposal.

ENGINEER: Kamber Engineering, Inc., Gaithersburg, MD. (1981 - 1982)

Project Engineer for CWA Section 201 facility plans, wastewater treatment plan design, and water line extensions.

ENGINEER: Self employed, Notre Dame, IN. (1980 - 1981)

Performed biological treatability studies on hazardous organic leachate waste utilizing sequencing batch reactors.

EDUCATION

MASTER OF SCIENCE: (Environmental Engineering), University of Notre Dame, Notre Dame, IN (1981)

Thesis: Utilization of Sequencing Batch Reactor Process for Enhanced Biological Removal of Phosphorus.

BACHELOR OF ARTS: (Microbiology, Chemistry minor), Miami University, Oxford, OH (1979)

PROFESSIONAL CERTIFICATION

Professional Engineer (P.E.), licensed in District of Columbia and Ohio.

EXPERT WITNESS

For United States Environmental Protection Agency and other Federal Agencies including negotiated settlements.

HONORS/AWARDS

Nominated for local Federal Employee of the Year Award (1988)

Outstanding Performance Rating (1988, 1989, 1990)

Special Act Award (Laboratory) (1989)

Special Act Award (Headquarters) (1989)

PROFESSIONAL ASSOCIATIONS

American Society for Testing Methods (ASTM)

Water Pollution Control Federation (WPCF) - Technical Reviewer

VOLUNTEER

Clermont County Health Department