

DAVID M. GUBANC, P.E.

1352 Crestview Street
Reynoldsburg, OH 43068-4770
Phone: 614-751-0960, Fax: 614-751-0961, E-mail: gubancoh@ix.netcom.com
Page: <http://www.gubanc.com>

January 1993 to Present - Independent Consultant

Provide engineering, project management and environmental regulatory support to clients in industry & government. Design and operate pilot projects, conduct studies and testing programs for recycled material reuse, waste treatment improvements and energy recovery. Prepare and negotiate permits and authorizations for recycled material reuse, wastewater treatment, air emission sources and waste disposal. Prepare technical specifications, bid documents and proposals for industrial equipment and services. Provide expert testimony and consultation in solid waste management, transportation safety and environmental regulation compliance. Client list includes Central Ohio Contractors (Demolition Debris Disposal Contractor), Springfield Landfill, LLC (Construction & Demolition Debris Disposal Landfill), Clean Water Ltd. (Commercial Water Treatment Facility) and numerous small businesses.

January 1991 to January, 1993 - Solid Waste Authority of Central Ohio, Grove City, Ohio.

Chief Engineer. Responsible for environmental compliance, development and expansion of publicly owned solid waste management facilities and services throughout the central Ohio region. Managed bidding and contractor selection process for two 50,000 ton/yr yard waste composting facilities, two \$1,000,000 household hazardous waste collection events, engineering for a 30-year expansion of a 5,000 cubic yard/day landfill, and engineering for remediation of a 174 acre closed landfill. Organized and coordinated a 24 company waste minimization task force which invested over \$6,000,000 to implement over 100 projects to reduce disposal of 60,000 tons/yr of solid waste.

December, 1984 to January, 1991 - GE Superabrasives, Worthington, Ohio.

Senior Environmental Engineer. Responsible for achieving and maintaining environmental and Department of Transportation (DOT) compliance for GE's diamond manufacturing business. Provided technical and project support to GE's Dublin, Ireland production facility and technology application centers worldwide. Designed and implemented cost and waste reduction projects that saved \$2,000,000/yr and reduced landfill deliveries by 4,000 tons over six years. Received three performance awards and several community commendations for private/public training efforts.

Revised 11/20/07

**March, 1984 to October, 1984 - Chemical Waste Management, Inc.,
Dublin, Ohio.**

Regional Environmental Engineer - Eastern Region. Responsible for environmental improvements of Chem Waste facilities in northeast U.S. (six companies and 13 states). Implemented a technical communication program between sales, engineering, operations and compliance officers within the Region.

**May, 1975 to March, 1984 - Republic Steel Corporation,
Cleveland, Ohio.**

Assistant Director, Solid Waste Management, Environmental Control
July, 1983 to March, 1984. Implemented waste management programs throughout the corporation and audited facilities and real estate dispositions. Drafted and revised policies intended to reduce generator liability when shipping or receiving hazardous wastes.

Solid Waste Management Engineer, Environmental Control
September, 1979 to July, 1983. Designed management systems that would allow the plants to comply with newly issued hazardous, toxic and solid waste regulations. Implemented computer-assisted waste tracking, transportation and reporting.

Staff Environmental Engineer, Environmental Control
March, 1977 to September, 1979. Provided technical support to corporate management on issues such as pollution control spending, coal combustion and natural gas curtailments. Developed hearing testimony, papers, speeches, television commercials and film.

Combustion Technologist, Research Center
May, 1975 to March, 1977. Member of research team charged to save energy and test alternative fuels in major steel mill furnaces. Proposed and partially implemented projects saving \$1,700,000/yr.

June, 1971 to April, 1975 - U.S. Navy

Surface Warfare Officer - Destroyer Service
Supervised 25 to 30 operators and technicians in communications and combat system control. Received Meritorious Unit Commendation Ribbon and three letters of commendation. Separated as Lieutenant.

EDUCATION

Euclid Senior High School, Euclid, Ohio, 1967.

BSChE (Chemical Engineering), Northwestern University, Evanston, Illinois, 1971.

MBA (Management), Cleveland State University (nights), Cleveland, Ohio, 1979.

PROFESSIONAL

Registered Professional Engineer: Ohio, 1976; Illinois, 1988; West Virginia, 1989.

Ohio Low-Level Radioactive Waste Facility Development Authority Board of Directors, 1995 - 1998. Appointed as Professional Engineer.

Ohio Chemical Technology Council, Associate Member, 1997-2006.

Ohio Manufacturers Association, Committee on Environment, 1978-91. Vice Chair: 1982-84; 1986-88. Chair: 1989-91.

Ohio Solid Waste Management Advisory Commission, 1988-91. Representing Industrial Generators.

Solid Waste Association of North America, 1991-93.

American Institute of Chemical Engineers (AIChE), 1973-Present.

COMMUNITY AND CIVIC

Trustee, Corbin's Mill Condominium Association, 1986-93. President: 1988-92.

Dublin Kiwanis Club, 1991-Present. Vice President 1993-94. President: 1994-95.

Planning Commission, Parma Heights, Ohio, 1979-81.

AWARDS AND BIOGRAPHICAL LISTINGS

"Who's Who in Industry and Finance", continuously since 1979.

"Citation's Who's Who, Environmental Registry", 1992.

Fire Chief Commendation, Worthington, Ohio 1989-1991.

Eagle Scout, BSA, 1964.

PUBLICATIONS AND PATENTS

"Recycle and Reuse of Hazardous Materials Within the Steel Industry", Chapter 4, "Hazardous Waste Management for the 80's", Ann Arbor Press, 1982.

Gubanc, Liston & Zimmerman; U.S. Patent 5151258; NOx REDUCTION AND CONTROL USING HYDROGEN PEROXIDE IN THE ABSORBER COLUMN. Issued September, 1992. Assigned to General Electric Company.

ENGINEERING AND CONSULTING SERVICES AVAILABLE

- o Proven ability to obtain permits, licenses and authorizations for air, wastewater and solid waste management facilities. Strong and current familiarity with environmental and transportation regulations, compliance strategies and environmental management techniques and costs. Strong familiarity with burning Tire Derived, Refuse Derived and biomass fuels.
- o Access to extensive contacts in the waste recycling business, including experience in selling residuals to manufacturing plants and end users.
- o Capability and experience in drafting Requests for Proposal (RFP's) for numerous types of services and facilities.
- o Project Management for construction projects, with special emphasis on waste clean up, landfill monitoring equipment installation and pollution control equipment upgrades and installs.
- o Troubleshooting and engineering review of air, water and solid waste pollution control systems, including development of corrective action plans and efficiency improvement programs.
- o Familiar with both internet and hard copy records and archives of environmental, health and safety data bases, used to prepare permit summaries, Material Safety Data Sheets, toxicity reviews, market research and Job Hazard Analyses.
- o Extensive experience in combustion technology and high temperature waste treatment processes that consume alternative fuels and wastes, including the conversion of hazardous metal oxides and metal hydroxide sludges to non-leachable, stable ceramics and glasses that have secondary uses.
- o Engineering and economic analysis of alternative treatment and waste minimization options.
- o Expertise in implementing statistical process control techniques for waste treatment and manufacturing systems.
- o Set up and operation of small pilot plants for water pollution control systems.