



ROBERT E. EVANS, B.S.

Environmental Engineering Technologist

CURRENT EMPLOYMENT

Ruhl Forensic, Inc., since 1996.

Staff engineer consulting with respect to environmental engineering technology.

Water and/or waste water utility programs and systems: administrative management, teaching and training, operations management, utility construction, conceptual designing, environmental laboratory processes, industrial waste treatment, hazardous waste management, including spills and cleanup, bio solids recycling and reuse, water recycling and reuse, landfill management and closures, water treatment and distribution, waste water collection and treatment, dewatering systems for bio solids, reverse osmosis systems, odor treatment systems, volatile organic removal systems, carbon adsorption systems, pipe lining, and trenchless technology.

PREVIOUS EMPLOYMENT

URS Greiner Woodward Clyde, Consulting Engineers 1998 to 1999

Resident engineer. Construction and start up of a high tech waste water treatment plant in the environmentally sensitive Florida Keys. Fully computer operated, advanced treatment plant produced effluent for reuse on city parks and a golf course using ultra violet disinfection and reverse osmosis.

Freeport Water and Sewer Commission, Freeport, IL 1989 to 1997 (retired)

Executive director. Responsible for general management of the water and sewer system which included budget, billing, purchasing, personnel, potable water and distribution of 7.0 MOD, waste water collection and treatment, construction, maintenance and customer service. Directed a staff of 50 people, serving a population of 30,000. Solved well field contamination by installing an air-stripping tower for VOC's. Computerized utility operations for billing, meter reading, service operations and telemetry. Solved a solids handling problem by installing a Centrifco centrifuge that both dewatered digested sludge for disposal and also thickened waste activated sludge before digestion. Installed a fine screen on the influent to the waste water plant with a compactor to solve screenings problem. Replaced mechanical vari-drives for return sludge pumps with variable frequency drives. Designed and installed a chlorination and de-chlorination facility using ORP technology. Installed telemetry for both the water and waste water plant operations.

Acme Improvement District, Wellington, Florida 1986 to 1989

Director of utilities. Responsible for the general management of the water and sewer system which included budget, purchasing, personnel, potable water production and distribution of 9 MOD, waste water collection and treatment, construction,

maintenance, and customer service.

Solved problems of inadequate water supply, which had caused a building moratorium to be imposed. Successfully developed two new well fields. In charge of design, bidding, and construction of a 2 MGD reverse osmosis potable water plant.

Pratt and Whitney, West Palm Beach, Florida 1983 to 1986

Supervisor of plant services. Responsible for plant services department at a 7,000 acre plant and research facility including 2.1 MOD potable water plant using air stripping for VOC and THM removal, 3 activated sludge plants for sanitary waste, concentrated plating waste treatment, industrial waste treatment, Hazardous waste incinerator, 2-40k lb./hr. steam boilers, 60k cfm air compressor unit, liquid nitrogen, liquid argon, hydrogen, helium, oxygen, propane, de-ionized water system and operation of environmental laboratory. Oversaw successful construction and operation of a deep well for waste water disposal. Designed and successfully operated first air stripping system for THM's in Florida.

Gee and Jenson, Engineers and Architects, West Palm Beach, FL 1977 to 1983

Manager, Operations Department. Responsible for conceptual design on water and waste water treatment plant, projects, producing O&M manuals, operator training, trouble shooting plant operational problems, setting up maintenance program, preparing and making presentations for new business. Solved several major operational problems at 44.0 MGD regional waste water plant. Developed conceptual designs for several water and waste water plants using advanced technology, which are now on-line and working successfully today.

Carol City Utilities, Carol City, Florida 1975 to 1977

General manager. Responsible for general management of the utility operations, which included, budget, purchasing, personnel, potable water production and distribution of 9.0 MOD, waste water and treatment, construction, maintenance, and customer service. Directed a staff of sixty people and served a population to 50,000. Turned around run down utility operating in deficit to a class A rated utility generating a profit.

Miami Dade Community College, Miami, FL 1971 to 1975

Assistant professor. Developed curriculum and instructed entry and advanced level courses for water and waste water plant operation, some with coupled "on the job Training," developed curriculum and assisted in development of course manuals under EPA grants. Several former students working successfully in senior level positions in the water and waste water field. Prepared successful grant proposals. Programmed the first waste water plant simulator in Florida for training. Worked with E.P.A. National Training Center in preparing courses to train the trainers.

Miami Community County Government, Miami Florida, 1969 to 1971

Chief pollution control enforcement officer Started the first environment control department in county government in the state of Florida. Filed and won the first pollution control case in the state of Florida. Set many landmark cases for pollution control such as: Florida Power and Light (thermal pollution of Biscayne Bay), Atomic Sewage Company (required company to clean up sewage sludge from over a mile of waterway, banned high phosphate detergents, first to require nutrient removal from

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waste water treatment plants, first to require tertiary waste water treatment).

State of Florida Government, Miami, Florida 1968 to 1969,

Sanitary engineer, State Board of Health. Responsible for monitoring all waste water, industrial waste and public drinking water plants in Dade County, Florida.

EDUCATION

B.S. Florida International University, WA
Major Field: Environment Engineering Technology

CERTIFICATIONS

State of Florida Certified Waste Water Operator Class A
State of Florida Certified Water Plant Operator Class 8
State of Illinois Certified Waste Water Operator Class 1