

**THOMAS T. RATERMANN**  
**Boone County Regional Sewer District**  
**1314 North Seventh Street**  
**Columbia, MO 65201**  
**(573) 443-2774**

**RELATED EDUCATION:**

12/02 UNIVERSITY OF MISSOURI – COLUMBIA, Columbia, MO  
Master of Science in Geology

8/86 UNIVERSITY OF MISSOURI - COLUMBIA, Columbia, MO  
Bachelor of Science in Civil Engineering

**PROFESSIONAL:** Missouri Professional Engineer Registration No. E-25411

**RELATED EXPERIENCE:**

3/04 to present BOONE COUNTY REGIONAL SEWER DISTRICT  
Columbia, MO  
**General Manager, Boone County Regional Sewer District**  
Employed by the Boone County Regional Sewer District (BCRSD) to provide general management services to the BCRSD. The BCRSD is a public sewer district providing wastewater treatment and collection services to about 7,100 customers. Currently, the BCRSD has 20 wastewater treatment facilities with National Pollutant Discharge Elimination System (NPDES) permits, 29 duplex pump stations, 93 miles of gravity sewer and 30 miles of force main. Supervise a staff of eleven.

6/00 to 3/04 COUNTY OF BOONE  
Columbia, MO  
**General Manager, Boone County Regional Sewer District**  
Employed by the County of Boone to provide general management services to the Boone County Regional Sewer District according to a management contract between the County of Boone and the Boone County Regional Sewer District. Daily management of District engineering and mapping functions. Management of District engineering and construction contracts. Capital planning and administration. Coordinating new development with existing District facilities and supervisory administration of sanitary sewer tax benefit districts. Development and implementation of annual budget on behalf of the Sewer District's Board of Trustees. Federal and state environmental regulatory compliance with 50 NPDES permits. Performance review of District staff under District

policies. Conduct monthly staff and Board meetings.  
Supervise a staff of nine.

8/97 to 6/00

BOONE COUNTY PUBLIC WORKS DEPARTMENT  
Columbia, MO

**Project Engineer, Boone County Regional Sewer District**

Project engineer under contract to the Boone County Regional Sewer District. Assisted Board of Trustees in developing a 7-year capital improvements program for presentation to Boone County voters for a rate increase. Prepared State Revolving Fund loan application after voters approved the revenue bond issuance. Supervised consulting engineering firms during the development of facility plans and user rate studies.

Administered construction contracts to \$700,000.00 for the construction of wastewater treatment plant expansions and wastewater pumping station construction.

5/96 to 8/97

BOONE COUNTY PUBLIC WORKS DEPARTMENT  
Columbia, MO

**Project Engineer, Design and Construction Division**

Project engineer in charge of easement acquisition and tax-benefit districts. Supervised a staff of three people. Focused on easement acquisition and utility relocation for County's roadway capital improvement projects and on organizing neighborhoods for tax-benefit district. Acquired easement through negotiation and eminent domain. Successfully negotiated utility relocation contracts with a rural water district and the local electric cooperative. Assisted neighborhoods from initial project concept to final assessment of property.

11/93 to 5/96

BOONE COUNTY PUBLIC WORKS DEPARTMENT  
Columbia, MO

**Manager, Design and Construction Division**

Manager in charge of road, street, and sanitary sewer capital improvement projects. Supervised a technical and administrative staff of ten people. Managed projects from concept through design, easement acquisition, contract administration, and final construction. Responsible for hiring and supervising engineering and surveying firms which were designing projects or acquiring survey field data. Provided technical support to the Boone County Regional Sewer District and organized tax-benefit districts.

2/90 to 10/93

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
Jefferson City, MO

**Environmental Engineer**

Project engineer for RCRA land disposal and storage facilities undergoing closure/post-closure, corrective action and Part B permitting activities. Job duties required in-depth knowledge of federal and state hazardous waste regulations. Responsible for review, modification, approval and implementation of closure/post-closure plans, RFA investigations, corrective action activities, and Part B permit applications. Responsibilities also included conducting meetings and negotiations between hazardous waste facility owners, state regulators, and consulting firms. Projects included approving a closure/post-closure plan for a 6-acre illegal landfill in the Kansas City area, costing approximately \$2.7 million.

5/89 to 1/90

PROFESSIONAL SERVICE INDUSTRIES, INC.  
PITTSBURGH TESTING LABORATORY DIVISION  
St. Louis, MO

**Project Manager**

(Union Electric Labadie Ash Pond Raising)

Responsible for quality assurance/quality control on an approximately 500,000 cubic yard dredged fill project. Performed density tests on compacted ash fill and material characteristic tests to confirm that the specified material criteria were being met. Directed the exploration of an off-site borrow area to locate a clay soil for the impermeable barrier to be built in the dike. Performed soil characteristic tests on the clay soils obtained from the off-site borrow area. Wrote construction progress reports.

10/88 to 5/89

PROFESSIONAL SERVICE INDUSTRIES, INC.  
PITTSBURGH TESTING LABORATORY DIVISION  
St. Louis, MO

**Field Engineer**

Directed the placement of fill material during the construction of compacted earthen fills. Inspected and tested fill material and lime-stabilized clays for proper compaction using nuclear moisture/density gauges. Trained and supervised soils technicians. Wrote progress reports from field logs. Proposed management plan for geotechnical work. Analyzed foundations and wrote foundation recommendations. Inspected drilled piers and footings. Collected grab samples for laboratory testing when necessary. Field-tested concrete and performed laboratory testing of soil and aggregate.

4/88 to 10/88

BRUCKER & ASSOCIATES, CONSULTING CIVIL &  
GEOLOGICAL ENGINEERS  
St. Louis, MO

**Soils Engineering Technician**

Determined fill material density by the drive tube method. Supervised the over-excavation of incompetent materials as part of inspecting footings. Documented construction procedures. Assisted in locating test holes. Analyzed cut and fill to determine whether footings were bearing in virgin or fill soils. Analyzed retaining walls for stability. Performed retaining wall and seismic refraction computations.

8/86 to 5/87

MISSOURI HIGHWAY AND TRANSPORTATION  
DEPARTMENT,

Jefferson City, MO

**Highway Designer**

Worked in the Survey and Plans Division on a rural, two-lane highway relocation. Designed site drainage structures. Detailed culvert sections, ditches, and erosion controls. Established property lines and right-of-way on plans from abstracts. Prepared cost estimates and quantity summaries.

**ADDITIONAL EDUCATION:**

5/87

LINN TECHNICAL COLLEGE, Linn, MO

Completed Emergency Medical Technician Licensure Course. Formerly licensed by the State of Missouri as an Emergency Medical Technician. License #A-6422 EMT.

**ADDITIONAL EMPLOYMENT:**

10/87 to 3/88

ACME TRAVEL

Cuidad Valles, San Luis Potosi, Mexico

**Partner**

Involved as a partner in adventure travel business. Researched and organized the details involved in conducting trips to deep, vertical Mexican caves. Led a group of five people on an eight-day tour of Mexico and its caves in 3/88.

6/87 to 9/87

SEQUOIA NATURAL HISTORY ASSOCIATION

Sequoia National Park, CA

**Tour Guide**

Worked at a show cave conducting hour-long, walking tours to groups of up to 100 people. Assisted in leading groups of seven people on tours of the undeveloped part of the cave.

**PROFESSIONAL MEMBERSHIPS:**

Water Environment Federation