

## Mary Kay Brengosz, P.E.

---

Principal and Senior Water Resources Engineer  
Spronk Water Engineers

**Education:** Bachelor of Science Degree in Civil Engineering/Water Resources,  
December 1978, University of Wisconsin-Milwaukee.

**Professional  
Registration:** Professional Engineer in Colorado.

**Professional  
Memberships:** American Society of Civil Engineers

**Work Experience:**

May 1997 Senior Water Resources Engineer  
to Spronk Water Engineers, Inc.  
Present 1000 Logan Street  
Denver, Colorado 80203

Water Rights Engineering: Water Rights Evaluations, Water Rights Transfers and Expert  
Testimony

Water Resources Engineering: Water Supply Planning and Development, Reservoir  
Operation Studies and Water Accounting

Hydrology: Consumptive Use Calculations, Depletion Analyses and River Basin  
Modeling

November 1993 Water Resources Administrator  
to Utilities Department  
May 1997 City of Thornton, Colorado

Responsible for activities in the Clear Creek basin related to water acquisition, water  
rights transfer and protection, water supply operations, management and accounting.  
Performed coordination and management of water rights decrees and operating  
agreements in the basin, and supervision of technical staff. Directed legal counsel and  
technical consultants on water rights transfers, projects, contracts, negotiations and  
litigation. Coordinated water resources planning and development activities within the  
Utilities Department and with other City Departments. Performed review of project  
proposals and water court applications to determine impacts to City water rights or  
facilities. Represented the City at meetings with other water users and on ditch company  
Boards of Directors. Served as secretary for the Colorado Agricultural Ditch Company  
and as president for the Farmers' High Line Lateral Ditch Company.

**Mary Kay Brengosz, P.E.**

---

Principal and Senior Water Resources Engineer  
Spronk Water Engineers

July 1985            Water Resources Engineer  
to                    Leonard Rice Consulting Water Engineers, Inc.  
June 1988            Denver, Colorado

Performed surface water investigations, water rights evaluations, water supply and hydrologic analyses, and computer modeling of hydrologic and hydraulic systems. Work included determination of physical and legal availability of water; yield of water rights; water supply, demand and operational planning for municipal and industrial clients; evaluation of impacts of water rights modifications; use, development and modification of computer models relating to water rights operations; river basin hydrology and flood plain determination; preparation of reports; participation in settlement negotiations; presentations on technical matters to citizen advisory groups and public meetings.

March 1982         Project Engineer  
to                    J.W. Patterson & Associates, Inc.  
July 1985            Denver, Colorado

Performed a variety of analyses for municipal and agricultural water development. Work included analysis of water supply and water rights, crop evapotranspiration, irrigation return flow timing and volume and land use; reservoir sizing studies; field inspection of irrigated land and irrigation systems; development and operation of computer models related to streamflow, irrigation systems, reservoir operation and watershed runoff; water rights litigation and participation in settlement negotiations.

January 1979       Environmental Engineer  
to                    Camp Dresser & McKee, Inc.  
June 1981            Milwaukee, Wisconsin

Involved in planning and design for municipal wastewater treatment plants. Work included evaluation of sludge handling alternatives; evaluation and selection of sites for a sludge landfill and storage facility; preparation of a computerized management and operation plan for agricultural application of sludge; design of anaerobic digesters and chlorine contact chambers; report preparation; site inspections; drainage studies; cost analyses; litigation support activities.