

Terry Tobel, P.E.
Senior Associate

PROFESSIONAL EXPERIENCE
Terraqua Utility Consultants, LLC
July 2004 - Present
President and Owner

United Water Services
Nov 1991 – June 2004
Formerly JMM Operational Services
General Manager – Milwaukee
Nov 2002 – June 2004
Served as project manager for the MMSD
VP of Technology (Engineering Services)
Sept 2000 – Oct 2002

Served as Vice President of Technology with 180 engineers and engineering technicians throughout the US for a regulated water service company. The engineering organization consisted of seven Hub groups dispersed throughout the US and one corporate group at company headquarters. Developed master planning, computer modeling of distribution systems and management systems for disparate engineering organization as part of a regulated water utility. Central Regional Manager (VP) Jan 1998 – Aug 2000

Project Manager – MMSD
Transitioned nearly 300 public employees to private-sector operation from municipal operation. Won 1999 WEF/EPA Biosolids Award.

Western Regional Manager (VP)
July 1996 – Jan 1998
Project Manager – West Basin MWD, CA
Aug 1993 – Jan 1998
Provided management, planning services and implementation of management systems for the 37 1/2-MGD West Basin Water Recycling Plant in El Segundo, California (1993-1998).

Project Manager – Sydney, Aus
Nov 1991 – Aug 1993
Served as Project Manager providing operations assistance to the Sydney Water Board in the development of standard operating procedures and operational strategies for process optimization at 36 wastewater treatment facilities in Sydney, Australia (1991-1993).

City of Albuquerque, New Mexico
Wastewater Utility Manager
May 1989 – Oct 1991
Plant Manager July 1984 – May 1989
Operations Manager Oct 1983 – July 1984

Served as Operations Manager, Plant Manager and Division Manager for a large water and wastewater department in the Southwestern United States (1983-1991). Developed training and management program for a large southwest US municipal utility. Moved the utility from Consent Decree to award winning performance in three years. Won 1986 WEF/EPA Best Large Operating Facility in US (first such award in US).

Camp, Dresser and McKee
Operations Specialist Sept 1977 – Oct 1983
Developed O&M manuals, training projects and assisted in the implementation of maintenance management systems for water and wastewater treatment facilities throughout the US (1977-1983).

EDUCATION
University of Michigan, 1977
M.S.C.E., Water Resources Engineering
Michigan Technological University, 1973
B.S.C.E., Sanitary Engineering

REGISTRATIONS AND CERTIFICATION
Grade IV Wastewater Treatment Plant Operator, California
Wastewater Systems 4 Certified Operator, New Mexico
Registered Professional Engineer, Michigan