



Tom Moore, P.E.

Vice President-Engineering

Education

Master of Science, Sanitary Engineering
Iowa State University
December 1981

Bachelor of Science, Civil Engineering
Iowa State University
November 1978

Registrations

Professional Engineer - Missouri
Kansas, Oklahoma, and Iowa

Affiliations

American Water Works Association
American Public Works Association

Employment History

1980-1994
Allgeier Martin and Associates, Inc.

1978-1980
Iowa State University
Graduate Research Assistant

Professional Experience

Tom Moore came to TSE in 1994 as a project engineer. He was promoted to Vice President-Engineering in August 2002. Tom's specialization is in wastewater collection/treatment, water supply, storage, and distribution, and storm water management. Tom's experience includes design of many water and wastewater projects for numerous municipal clients.

Relevant Experience

Mountain Ridge subdivision in Pineville, Missouri

Mountain Ridge is being built on a 900-acre tract on Rte H, west of Pineville, and was recently voluntarily annexed into the City of Pineville. Currently plans are for an estimated 800 new homes and increase the population of Pineville by an estimated 2400. Tom designed three miles of:

- ◆ City streets
- ◆ Water Supply, Storage and Distribution
- ◆ Sanitary sewer system

Monkey Island Wastewater Treatment Plant

The project was completed for the Grand Lake Public Works Authority. It includes:

- ◆ a lift station and pressure collection system
- ◆ a treatment plant
- ◆ an effluent delivery system

The island is approximately five miles long and two miles wide. Wastewater is collected from the various subdivisions across the island, treated in a three-cell lagoon system and the treated effluent delivered to the Shangri La Resort as irrigation water for their two golf courses. The system required thirteen miles of high-density polyethylene pipe and is designed for a 400,000-gpd capacity.

Jasper County Public Water Supply District #1

After buying their water from the Missouri American Water Company for years, the District sought to provide their own water. Tom designed two wells and two 250,000 gallon elevated water towers and approximately 2 ½ miles of new main to connect the district's system to the new supply and to create supply redundancies. The District now provides their own water, with MAW as a back up source.

Seneca-Cayuga Tribe Water Supply

Tom is leading a design-build team on the completion of a new well, pumphouse, and standpipe to supply water to the Tribe's casino, ceremonial ground, tribal housing and a proposed industrial park.

Petro Truck Stop Site Design

Tom converted the existing wastewater treatment plant into a lift station, adding two miles of pressure sewer, in order to connect to the City of Joplin's sewer main, leading to the Shoal Creek Treatment Plant. He also enlarged the truck parking lot by approximately 10 acres with a storm water pre-treatment unit, added a storm water detention pond, a fuel containment facility, and a new truck repair facility.