

Resume

Andy Curry, President, P.E.



EDUCATION:

B.S. Civil Engineering
Southern Illinois University (1987 to 1991)
Carbondale, Illinois

Graduate Work
University of Illinois (1991 to 1993)
Urbana, Illinois

PROFESSIONAL REGISTRATION:

Professional Engineer, Illinois

EMPLOYMENT:

2008 to Present

President & Chief Design Engineer, Curry & Associates Engineers, Inc. This includes managing and directing technical and administrative staff on a day-to-day basis, as well as serving as the Engineer of Record for all design projects for C&A.

For the following projects, served as Engineer of Record, but also primary design engineer for all day-to-day design activities:

Lead Engineer for \$8.0 million dollar Water Plant Expansion – Roxana, IL. Increase Plant Capacity from 2 MGD to 3 MGD, as well as modify the chemical treatment process employed at the plant from a Zeolite Softening Plant to a Lime Softening Plant.

Lead Engineer for \$6.5 million dollar Wastewater Plant – Roxana, IL. Construct a new 2 MGD extended aeration treatment plant to meet 10 mg/L BOD, 12 mg/L TSS, and 1 mg/L Total Phosphorous to replace an aging and undersized activated sludge plant.

Lead Engineer for \$4.0 million dollar, 16 mile waterline interconnection between the Cities of Casey and Marshall, IL. City of Casey has natural groundwater ammonia levels of 5 mg/L. The City's old packaged treatment plant was aging and had started to experience plant failures. The City investigated constructing a new water plant that included biological treatment for the removal of the groundwater plant vs constructing a new 16 mile 12" water line to a neighboring community, Marshall – that had an abundance of high quality well water that only requires chlorination and fluoridation for treatment.

Lead Engineer for \$4.0 million dollar wastewater plant upgrade project – Village of East Alton. Increase plant capacity from 3 mgd to 4 mgd, improve plant hydraulic performance.

Lead Engineer for \$2.0 million dollar wastewater plant upgrade - Village of Dupo. Dupo's plant had received multiple violation notices from IEPA regarding failed plant performance. The upgrade project rehabbed the entire treatment train from Screenings, Equalization Basin, Storm Overflow Basin, Primary Clarifiers, Trickling Filters, Final Clarifiers, Chlorine Contact Basin, overall plant hydraulics, mixing and aeration. Plant has been successfully treating wastewater and remaining in full compliance with IEPA permit conditions since the completion of the project.

Lead Engineer for Water Plant upgrades for Winchester Ammunition, a division of the Olin Corporation – East Alton, IL. Winchester operates a 6 MGD water plant that was constructed in the 1940's. Over the past several years, Olin has transitioned from a plant that treated a mix of Mississippi Water and well water to a plant that treats 100% well water.

1998 to Present

Curry & Associates Engineers, Inc., Nashville, Illinois
Duties: Chief Engineer in responsible charge of all operations. Provide engineering services associated with design and construction guidance for water supply, wastewater disposal, industrial waste treatment, landfill design and EPA permitting, air pollution control and EPA emissions permitting,

drainage, roads, streets, industrial site development; storm water management studies and designs; industrial water treatment and boiler makeup/feed water systems.

Project Engineer, design & construction management of projects associated with all aspects of water & sewer systems for numerous communities in Illinois, and water system consultant to Frontenac Engineering Group (St. Louis, MO) for projects in Missouri.

Other duties include direct coordination and communications with all State and Federal permitting agencies, presentations at Water Operator Conferences, and educational training courses for Water Operators. Key experience is working for a peer recognized expert in water systems, Michael D. Curry, President of Curry & Associates Engineers, Inc. for 10 years.

Recent projects related to comprehensive development:

Prairie State Generating Company, Lively Grove, Illinois. Working with Peabody Coal on designing an onsite wastewater treatment plant for the Power Plant and Coal Mine, and all above ground process water piping systems. (2008 until present)
(C&A's portion of the project - Construction Cost: \$3,000,000. Overall project - \$3 billion)

Village of Roxana, Madison County, Illinois - Provide complete water & sewer design for the development of approximately 2000 acres along the recently created I-255 Development Corridor, including water plant upgrades, the design of a new wastewater treatment plant, and several miles of new water & sewer systems. (2000 to present)
(Construction Cost - \$12,000,000.)

City of Nashville - Water & Sewer System Expansion of the Highway 127 & I-64 Development Corridor to meet the water & sewer needs of a new 40 lot commercial subdivision for businesses, hotels, restaurants, and warehousing facilities. (2008)

Village of Dupo - Water & Sewer System Expansion to serve the new developments along I-255, and the Bluffs area.

Village of East Alton - Design and Construction Inspection for a \$4,000,000 wastewater plant upgrade.

Frontenac Engineering Group - Grayhawk Residential Development near St. Genevieve, Missouri - serve as a water system consultant for the development of a gated community, residential development. The existing water system serves approximately 350 metered customers, and the development plans to expand to approximately 700 metered customers. New wells, chemical treatment, ground storage reservoirs, booster stations, and several miles of new water main will be added to meet the water needs of the development. (2007 to present)

1993 - 1998

Frontenac Engineering Group, Inc., St. Louis, Missouri
Duties: Project Engineer, Design & Construction Management, and Survey Chief.

Sunnen Business Park

Civil and structural Design and Survey Chief duties for the full development of the Sunnen Business Park in Maplewood, MO. (Roadways, all site work, building design, storm water management, all construction layout and inspection.)

World Bird Sanctuary

Civil Design, Survey Chief, and Construction Management Duties for the construction and development of the facilities at the World Bird Sanctuary near Lone Elk Park, St. Louis, MO. Key Projects involved with were the development of commercial subdivisions, complete with water & sewer systems: *Sunnen Business Park, Sunpark, World Bird Sanctuary, YMCA Center, Potosi, Missouri*

Western Wire Products

Civil and structural design duties, survey chief, and full-time onsite construction management duties for the construction of a 200,000 SF manufacturing facility in Fenton, MO.

1992 Daily & Associates Engineers, Champaign, Illinois
Duties: Survey Crew Rod Man

1991 Ziegler Coal Company, Sparta, Illinois
Duties: Grade Checker - Survey Pit Construction,
Construction Observation

ADDITIONAL CERTIFICATION & TRAINING:

Mine Safety & Health Certification – Wabash Valley College, Coal Mining
Technology, Mt. Carmel, IL, December 2009

SEMINAR PRESENTATIONS AND TEACHING ACTIVITIES:

2008 - American Waterworks Association (AWWA) One Day Course on
Basic Water Operator Math & Science

2007 South Central Waterworks Operators Association meeting at
Centralia, Illinois. Provided a comprehensive discussion of recently
completed and planned water system upgrades.

2005 South Central Waterworks Operators Association meeting at Salem,
Illinois. Provided a comprehensive discussion of recently completed and
planned water system upgrades.

January 20, 2011 & March 8, 2011 - Illinois Section AWWA Water Operator
Math Review Course, Class D through Class A, Rend Lake, IL

ORGANIZATION MEMBERSHIP:

AWWA (American Water Works Association)
WEF (Water Environment Federation)
Illinois WEA
PADI SCUBA
Past President Nashville Jaycees
Lion's Club