

John P. Keckler, E.I.

John Keckler is a registered Engineer-Intern with 7 years' experience in municipal and utility engineering design, planning, analysis, construction administration and inspection. John is a graduate of the University of Arkansas College of Engineering where he emphasized in environmental courses including Groundwater Hydrology, Open Channel Flow, and Low Impact Development.

PROFESSIONAL ACCOMPLISHMENTS

Assisted in Engineering Design, preparation of contract documents, and construction administration for a water system improvement project for the City of Tuckerman, AR. The project included the construction of a new water treatment plant, elevated water storage tank, and the procurement of over 700 new radio-read water meters compatible with a drive-by meter reading system.

Responsible for raw water transmission modeling using InfoWater hydraulic modeling software for Central Arkansas Water as part of a Preliminary Engineering Report for an Alternate Water Source Study.

Performed water distribution system modeling using InfoWater (a GIS based computer software) for several clients including the Benton Washington Regional Public Water Authority, City of Arkadelphia, City of Bryant, City of Malvern, City of Hot Springs, Hot Springs Village, City of Pocahontas, City of Sherwood, Southside Public Water Authority, City of Tuckerman, City of Wynne, and the City of Broken Bow, OK.

Successfully updated the existing hydraulic model for the City of Hot Springs using City GIS data and performed a detailed demand allocation using the water usage data available from the City's smart meter collection system.

Assisted in the planning and preparation of a water system master plan for the following cities: Arkadelphia, Hot Springs Village, and Malvern.

Assisted in construction administration and inspection for a 2 MGD water treatment plant expansion in Hot Springs Village, multiple water and wastewater improvement projects for the city of Bryant including manhole rehabilitation, waste water treatment plant upgrades, and multiple water line installations.

Member of Arkansas Society of Civil Engineers (ASCE)

Member of the National Society of Professional Engineers (NSPE)

Member of AWWA & WEA

PROFESSIONAL EXPERIENCE

Affiliated with Crist Engineers, Inc. in 2013 as a Project Engineer. Responsibilities include planning, design, analysis, construction administration, and inspection of water and wastewater systems. He has been involved in long-range planning for infrastructure improvements and has expertise in hydraulic analysis for water distribution.

EDUCATION

Bachelor of Science in Civil Engineering, University of Arkansas, Fayetteville, 2013

Attended and successfully completed training courses in Intermediate GIS Concepts through ESRI, Advanced Water Distribution Modeling through Innovyze, and Intermediate Water Treatment through Arkansas Rural Water Association.