

# Wichita Water Partners Northwest Water Treatment Facility

Wichita, Kansas



## PROJECT OVERVIEW

### CUSTOMER:

Wichita Water Partners:  
Joint Venture of Burns &  
McDonnell & Alberici

### PRODUCT(S):

Complete process piping scope  
consisting of: 12" – 84" fabricated  
steel pipe, 4" – 54" ductile iron  
piping, valve package, support  
package, chemical piping

### LOCATION:

Wichita, KS

## CHALLENGE:

Help our customer with material  
selection/supply and value  
engineering on a complete process  
piping package for the project  
during a time of supply chain issues  
and escalating material costs.

## SOLUTION:

Introduce the Ferguson team of  
associates and vendor partners  
with decades of experience, along  
with our BIM modeling capabilities.

## PRODUCT ADVANTAGES:

- **Fabricated Carbon Steel** – Ferguson partnered with Mid-America Pipe to reduce material and installation costs by utilizing fabricated carbon steel materials.
- **VE Driven Product Mix** – Ferguson drove material selection based on qualifications for the service and best value in current supply chain environment.
- **Pipe Support Design & Engineering** Ferguson partnered with a pipe support engineering & fabrication company to design & supply the process pipe supports for the project.
- **Mueller Valve Package** – Ferguson partnered with Mueller (Pratt/Hydro Gate) to supply a complete valve package for the project.

## BACKGROUND

Ferguson was asked to present a proposal in late 2019/early 2020 to partner with Wichita Water Partners for the supply of the new Northwest Water Treatment Facility in Wichita, KS. Based upon Ferguson's presentation and offering, we were selected to partner with the joint venture of Burns & McDonnell and Alberici to aid in the material selection process and supply of the project.

## PROJECT SCOPE

Ferguson's scope of supply for the project includes all process and chemical piping, valves, and supports for the project. Ferguson will supply \$40,000,000 in materials to Wichita Water Partners and another estimated \$10,000,000 to sub-contractors working on the project. Ferguson is supplying everything from 1/2" chemical piping to 84" fabricated carbon steel piping and valves. Ferguson has also been contracted to supply BIM modeling for all Ferguson supplied materials 4" diameter and larger for the project.

## METHOD

Ferguson collaborated with the Wichita Water Partners Engineering and Project Management team for the project in the early stages of design by helping with materials selection based upon best value. After the initial design of each phase of the project was complete, Ferguson acted as a Procurement Specialist for the joint venture and secured pricing for them. Based upon the best value selections, Ferguson secured materials with the selected vendors. Once material selections were made and product type/manufacturer identified, Ferguson coordinated with WWP's BIM department to place our materials in the Project BIM model. Ferguson is also providing a seasoned associate who is fully dedicated to the project and is on-site multiple days a week to assist Wichita Water Partners with any needs that arise with our material supply.

## THE SOLUTION: FERGUSON WATERWORKS

Ferguson Waterworks was chosen as a partner for this project due to our ability to be a solutions provider, to provide services that our competitors are light years away from being able to offer. Ferguson can provide input from industry-leading associates with decades of experience in building and supplying water and wastewater projects. Ferguson can work with our customers to provide BIM modeling and drafting resources that put us in an elite position in the industry. My team and I also work with our customers' best interests in mind. Our goal is to make them feel like we are a part of their family, and we work to produce a successful project for them. It is also our goal to make everyone on the project feel they must have the "Ferguson Team" on every project moving forward in order to be successful.

**For more information, ask an expert:  
Strategic Infrastructure Design Build Team  
866-684-9177**