INAW Kokomo Wildcat Creek

WTP UV Disinfection and Sodium Hypochlorite Conversion

Total Contract: $5,400,000
Project Start: July 2018
Project Completion: April 2019

Resourceful. Responsive. Results.

KOKOMO INDIANA

INAW Wildcat Creek WTP

WTP Backwash Handling Facility / Kokomo, IN
Project Size: $6,000,000 / July 2018 - April 2019

Bowen, teamed with Arcadis to provide new UV disinfection and a Sodium Hypochlorite conversion at Indiana American Water's Wildcat Creek WTP. This project supports safer operations and enhanced treatment of constituents in the water.

Project Challenges:

- This plant is the single source of water to the city of Muncie. The Bowen project team worked with Plant Operations to ensure continous operations of the plant during construction.
- The site included many unmarked utilities.

Bowen Resourceful:

- Bowen carefully supported choosing the correct UV technology to minimize head loss between the filters and chlorine contact tank.
- Bowen worked with Arcadis in a Design-Build arrangment to optimize constructability of the plant.

Bowen Responsive:

- Bowen reconfigured the general arrangement of the plant and project to support an adjusted flow chemical deliveries of trucks to the plant.

Bowen Results:

- Bowen has maintained the agressive schedule
- Bowen has completed work safely and with zero incidents

PROJECT SCOPE

- Site Work
- Civil
- Structural Steel
- Mechanical
- Structural Steel
- Mechanical Piping
- Equipment Setting
- UV Disinfection
- Sodium Hypochlorite Conversion
- Design-Build

PROJECT TEAM

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- Engineering Partner: Arcadis