



City of Fishers Cheeney Creek

WWTP Expansion Improvements

Total Contract: \$7,175,000
Project Start: September 2019
Project Completion: November 2020



Resourceful.



Responsive.



Results.



FISHERS
INDIANA



City of Fishers Cheeney Creek

WWTP Expansion Improvements / Fishers, IN
Project Size: \$7,175,000 / Sept. 2019 - Nov. 2020



This WWTP Expansion project included modifications to existing primary sludge pumping, construction of a new, completely-mixed unaerated selector zones within each Aeration Tank, replacement of diffusers and aeration piping within the Aeration Tanks, replacement of Aeration Tank influent flow splitting gates, installation of ORP probes in selector zones and DO probes in aerobic zones of the Aeration Tanks, and modifications to the return activated sludge (RAS) piping and RAS Pipe Gallery, Final Clarifier Influent Channel and Final Clarifier Flow Diversion Structure, and each Final Clarifier inlet channel.

Bowen Resourceful:

- Bowen created a plan during preconstruction that allowed the team to avoid unnecessary bypass pumping during construction
- Design Engineer specified temporary piping during RAS Pump modifications and Bowen was able to coordinate these shut down to be less than 4 hours and temporary piping wasn't needed.
- Design Engineer allocated an 8 week period for Aeration Tank Modifications and Bowen only needed 6-7 weeks over 4 sets of tanks, saving a total 4 weeks off the schedule.

Bowen Responsive:

- Bowen was in constant coordination with the Owner for shut downs, tie ins and plant flow changes.

Bowen Results:

- Bowen created an extremely aggressive construction schedule at bid time and the team was able to maintain this schedule throughout the project.

PROJECT SCOPE

- Site Work
- Civil/Concrete Work
- Underground Piping
- Equipment Setting
 - Invent Mixers
 - Sludge Pumps
 - Rectangular Clarifier Equipment
 - Sluice Gates
 - Stainless Steel Air Piping
 - Metal Walkway Bridges for Equip.
 - Fine Air Bubble Diffuser System

PROJECT SPECS

- 2,000 CY of Excavation Backfill
- 3,100 CY of Concrete
- 127 Tons of Rebar
- 33,000 SF of Formwork

PROJECT TEAM

- Bowen Contact: Dan Bernath / Dan Jones
- Client Contact: Rick Farnham
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- Engineering: Donohue
Steve Gress, Vice President
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sgress@donohueassociates.com

PROJECT IMAGES



Scan the barcode with your Camera App to see images of this project.



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www.bowenengineering.com