

# AstraZeneca Mt. Vernon

Fire Water Remediation



Total Contract: \$1,950,000  
Project Duration: 2019-2020



Resourceful.



Responsive.

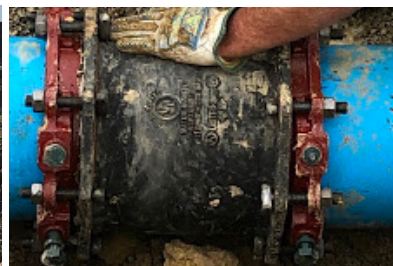


Results.



MT. VERNON  
INDIANA





# AstraZeneca: Mt. Vernon

Fire Water Remediation / Mt. Vernon, IN  
Project Size: \$1,950,000 / Project Duration: 2019-2020

Bowen supported AstraZeneca in replacing its existing fire water line that was made of ductile iron pipe. The ductile iron pipe was replaced with a push-joint PVC pipe system, which updates their system and removes the need for ongoing maintenance of pipe leaks and failures.

## Project Challenges:

- The excavation of the project took place during a cold and wet winter
- The team worked around live utilities in an operating facility
- The existing fire line was leaking significant amounts of water. This further complicated working around the existing utilities, and dewatering the excavation.

## Bowen Resourceful:

- The Bowen team inputted existing utility information into a GPS rover and laid out each utility crossing for hydroexcavation in front of the excavation crew. 2" PVC pipe was placed on top of each utility and it was backfilled with sand so that the utilities would be marked, elevation known, and there would not be open holes around the site.

## Bowen Responsive:

- The plant had concerns shutting down and tearing up landscaping at their main entrance. The site team utilized a local directional drilling company to go under the road without impacting traffic or landscaping.

## Bowen Results:

- The project was completed with Zero Injuries
- Bowen was able to use the project to grow key team members that now are travelling to additional Bowen projects.
- Bowen located, and worked around approximately 200 utilities without any strikes.

## PROJECT SCOPE

- Site work
- Civil/concrete work
- Underground piping

## PROJECT SPECS

- 19,423 CY of Excavation
- 275 CY of Concrete
- 3,000 SF of Formwork
- 13,200 LF of U/G Piping
- Diameters : 4" - 12"
- 1,500' of 2'X2' Concrete Duct Bank
- Zero Injury
- Included Outage/Shutdown Work

## PROJECT TEAM

Bowen Contact: Sam Hill  
317.752.5720

Client Contact: Michael Smith  
Sr. Facilities Manager  
812-789-3123

Engineering: PCI

## PROJECT IMAGES



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



RESOURCEFUL. RESPONSIVE. RESULTS.

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