

AMERICAN WATER COMPANY - INDIANA
PROGRESSIVE DESIGN-BUILD
MOORESVILLE WTF
MOORESVILLE, INDIANA



Project Description

The design and construction of the Mooresville WTF included the scopes of work below:

- Raw Water Piping
- Aeration/Detention Tanks
- Horizontal Pressure Filters
- Chemical Storage and Feed Systems
 - Sodium Hypochlorite
 - Sodium Permanganate (if required)
 - Fluoride
 - Phosphate for Corrosion Control
 - Truck Unloading Containment
- Treatment Building to House the Chemicals, Electrical Gear, and Maintenance/Parts Storage Room
- Space for Future Treatment Processes for Perfluorinated Compounds
- Finished Water Storage
- High Service Pumping Station
 - (3) VTP High Service pumps rated at 1.5mgd per pump, capable of producing 4.5mgd total. The plant is rated at 3mgd.
- Backwash Residuals/Recycle Facilities
- Residuals Management

At a Glance

Contract Amount:
\$18.7 M

Notice to Proceed:
November 25, 2020

Completion Date:
October 31, 2022

MGD:
3.0

Owner Contact Info:
American Water Company –
Indiana

Engineer Contact Info:
Gannett Fleming, Inc.

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- Office and Administrative Space
- Garage and Storage Building
- Parking Space for Employees and Visitors
- Electrical Power Distribution Equipment
- Emergency Power Generator
- Instrumentation and Control (I&C) Systems
- Associated Site Work