

## APPLICATION OVERVIEW:

In collaboration with Burns & McDonnell, we designed an industrial wastewater pump station for a leading American Consumer Goods Manufacturing Plant in Old Fort, Ohio. This pump station is designed to support the facility's expanding sanitary wastewater needs. It will ensure efficient wastewater conveyance and treatment as the facility grows over the next five years.

## PUMP STATION DETAILS:

Our team engineered and constructed this prefabricated fiberglass pump station, measuring 5 ft. in diameter and 19 ft. in depth. Excel Fluid Group factory-installed all components within the integrated wet well, including the piping and valves. This system features two Barnes submersible grinder pumps, delivering 95 GPM at 25.19 TDH. The entire setup is controlled by an Excel NEMA 4X duplex control panel, equipped with an Allen-Bradley CompactLogix, per the owner's request.

## INSTALLATION:

The installation was completed by the Burns & McDonnell team with the oversight of Excel Fluid Group as shown below.



**Old Fort, OH**

**Consumer Goods Manufacturing Facility**



**PUMP SYSTEM**

**Fiberglass Lift Station**



**INSTALL DATE**

**January 2025**



**OPERATIONAL IMPROVEMENT**

**Packaged Solution Designed for Site Growth**



**SERVICE AREA**

**Consumer Goods Manufacturing Facility**

**BURNS  
MCDONNELL®**