



EXCEL FLUID GROUP, LLC

APPLICATION OVERVIEW:

We worked with EMH&T and Dayton Freight to design and build a sanitary pump station for support infrastructure at the new Dayton Freight Gallipolis Service Center. They were looking for a design that focused on ease of installation and a long term solution that requires minimum upkeep with coatings or add-mixtures in the wet well. This continues our long standing relationship working with EMH&T on packaged pump station solutions.

PUMP STATION DETAILS:

We prefabricated a 5 ft. diameter by 9 ft. deep HDPE wet well. This wet well will have an 100 year design life, is inert to H₂S corrosion or other harsh chemicals and doesn't require any additional coatings. A NoVault NV2 pump station enclosure was recommended as it arrived to site prefabricated with the piping, valves, and control panel all enclosed. Barnes submersible grinder pumps were used as they met the 30 GPM @ 90 TDH requirement.

INSTALLATION:

The installation was completed by D.V. Weber Construction with oversight from Excel Fluid Group as shown below.



Gallia County, OH

Dayton Freight Sanitary Pump Station



PUMP SYSTEM

Duplex NoVault™ Pump Station



INSTALL DATE

October 2022



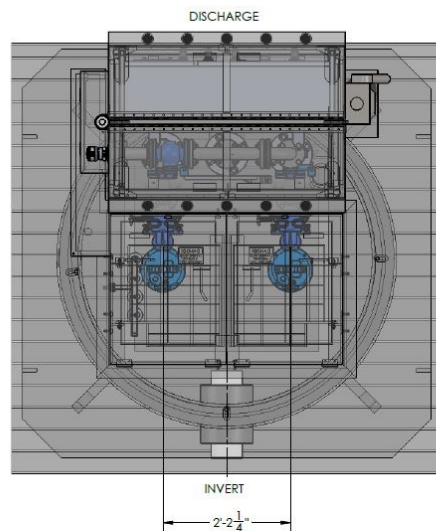
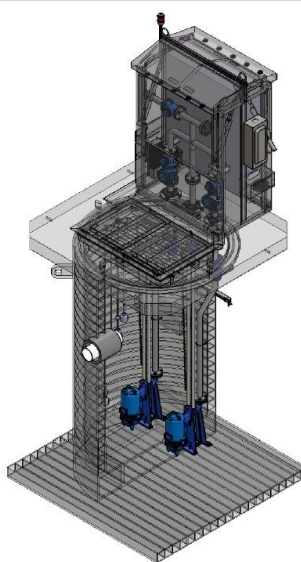
OPERATIONAL IMPROVEMENT

Long Term Solution with Ease of Install



SERVICE AREA

Gallipolis, OH Dayton Freight Facility



January 2023

Design-Build Pump Stations