

EXCEL

EXCEL FLUID GROUP, LLC

APPLICATION OVERVIEW:

We worked with Star Consultants, Inc. on a sanitary pump station for the River Campgrounds at the Shawnee State Park for the Ohio Department of Natural Resources. Being near camp sites, there was a small area available for the pump station. Additionally, the prefabricated pump station cut installation time to help avoid any unhappy campers!

PUMP STATION DETAILS:

Our team designed and built this prefabricated 5 ft. diameter by 20.5 ft. deep integrated fiberglass pump station. The wet well and monolithically integrated 4 ft. diameter by 4.5 ft. deep valve vault arrived to site with the 2 in. Schedule 80 PVC piping preinstalled throughout. The Barnes submersible grinder pumps were used as they delivered the needed 14.2 GPM @ 57.7 TDH and it's all controlled by a custom Excel NEMA 4X duplex control panel with a clear viewing window to see the indicating lights from outside.

INSTALLATION:

The installation was completed by Allard Excavating LLC with oversight from Excel Fluid Group as shown below.



May 2023

West Portsmouth, OH

Ohio Department of Natural Resources
Shawnee State Park Campground Pump Station



PUMP SYSTEM

Integrated Fiberglass Pump Station



INSTALL DATE

August 2022



OPERATIONAL IMPROVEMENT

Small Pump Station Footprint



SERVICE AREA

River Campground at Shawnee State Park



**OHIO
DEPARTMENT
OF NATURAL
RESOURCES**



STAR CONSULTANTS, INC.



**ALLARD
EXCAVATION, LLC**

Design-Build Pump Stations