

APPLICATION OVERVIEW:

We collaborated with Pinnacle Construction & Development Group to design and construct eight pump stations, deliver three control packages, and perform two valve vault reconfigurations at various locations within Cuyahoga Valley National Park. These pump stations are designed to collect all sanitary wastewater and pump it off-site to the local sewer system.

PUMP STATION DETAILS:

- **Happy Days:** 4 ft. diameter by 10 ft. deep Fiberglass Wet Well, Duplex Control Panel, 2 E/One Pumps
- **Ledges North:** 3.5 ft. diameter by 12 ft. deep Fiberglass Wet Well, Duplex Control Panel, 2 E/One Pumps
- **Octagon:** 3.5 ft. diameter by 9 ft. deep Fiberglass Wet Well, Duplex Control Panel, 2 E/One Pumps
- **Garage:** 3.5 ft. diameter by 7.5 ft. deep Fiberglass Wet Well, 2 E/One Pumps, Duplex Control Panel
- **Muar:** HDPE Submersible Simplex Station, 2 E/One Pumps
- **Kendall Lake:** 6 ft. diameter by 11 ft. deep Concrete Wet Well, 2 Flygt Pumps, Duplex Control Panel
- **Pine Hollow:** Concrete Submersible Station, 2 Flygt Pumps
- **Duffy:** Concrete Submersible Station, 2 Flygt Pumps, Duplex Control Panel
- **November Lodge, Sagar, & Howe Meadow:** Control Packages
- **Stanford House & Johnson Rohde:** Concrete Valve Vault Reconfigurations

INSTALLATION:

The installations were completed by Pinnacle Construction & Development Group with oversight from Excel Fluid Group as shown below.

Cuyahoga Valley, OH

Cuyahoga Valley National Park Stations



PUMP SYSTEM

Fiberglass, HDPE, & Concrete Pump Stations



INSTALL DATE

February 2020



OPERATIONAL IMPROVEMENT

Sanitary Wastewater



SERVICE AREA

Cuyahoga Valley National Park



March 2020

Design-Build Pump Stations