

EXCEL

EXCEL FLUID GROUP, LLC

APPLICATION OVERVIEW:

We worked with Independence Excavating, Century Engineering and Solid Waste Services to design and build a leachate pump station for the Loudoun County Solid Waste Management Facility. This pump station enables the Landfill to expand with new cells for future growth.

PUMP STATION DETAILS:

Our team prefabricated a 6 ft. diameter by 22 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. It arrived at the facility with pumping and valves already installed. 2 SULZER-ABS explosion proof submersible pumps were used along with a EXCEL Duplex pump control panel.

INSTALLATION:

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

Loudoun County, VA

Loudoun County Waste Management Facility



PUMP SYSTEM
HDPE Leachate Pump Station



INSTALL DATE
April 2021



OPERATIONAL IMPROVEMENT
HDPE Wet Well for Containment of Hazardous Waste-Water



SERVICE AREA
Loudoun County, VA Solid Waste Management Facility



CENTURY
ENGINEERING



Loudoun County
VIRGINIA



January 2023

Design-Build Pump Stations