

APPLICATION OVERVIEW:

We worked with Tetra Tech and AWT Environmental Services to design and build a leachate pump station for the ADSCO Landfill in Asper, PA. With the harshness of the leachate, HDPE and its 100-year design life was the perfect fit for the landfill application. The wet well was prefabricated at our Cleveland facility and shipped up to the site ready to install once it arrived.

PUMP STATION DETAILS:

The station has a 5 ft. diameter by 13 ft. deep Dual-Containment HDPE wet well per ASTM F894 requirements. Barnes submersible pumps that are rated for 100 GPM @ 80 TDH were used. The entire station is being controlled by a Excel duplex control panel with 80 PVC piping and valves.

INSTALLATION:

The installation was completed by the AWT Environmental Services team with the oversight of Excel Fluid Group as shown below.

*Asper, PA ADSCO
Landfill*



PUMP SYSTEM

HDPE Leachate Pump Station



INSTALL DATE

February 2024



OPERATIONAL IMPROVEMENT

100 Year Design Life with H2S Protection



SERVICE AREA

Asper PA, ADSCO Pump Station



TETRA TECH



AWT ENVIRONMENTAL SERVICES, INC.



October 2024

Design-Build Pump Stations