

EXCEL

EXCEL FLUID GROUP, LLC

APPLICATION OVERVIEW:

We worked with R+L Carriers, Ramar Land Corp., and with Manhard Consulting to design this sewage pump station at a new R+L Carriers freight terminal in Matteson, IL. With limited space available, the small footprint of the NoVault™ NV2 design allowed for a perfect fit next to a property fence. This continues our long standing relationship working with Manhard Consulting on packaged pump station solutions.

PUMP STATION DETAILS:

An Excel Fluid Group factory build prepackaged pump station with a 5 ft. X 23.5 ft. HDPE wet well and a NoVault NV2 enclosure with 3 in. HDPE piping and a duplex ArcSentry™ control panel. It uses Barnes 4 in. Explosion Proof Submersible SITHE Chopper pumps that are rated at 71 GPM @ 42 TDH. The chopper design is the ideal solution to handle the toughest wastewater applications.

INSTALLATION:

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



Matteson, IL

**Ramar Land Corp. R&L Carriers
Sewage Pump Station**



PUMP SYSTEM

Duplex NoVault™ Pump Station



INSTALL DATE

September 2021



OPERATIONAL IMPROVEMENT

Small Pump Station Footprint



SERVICE AREA

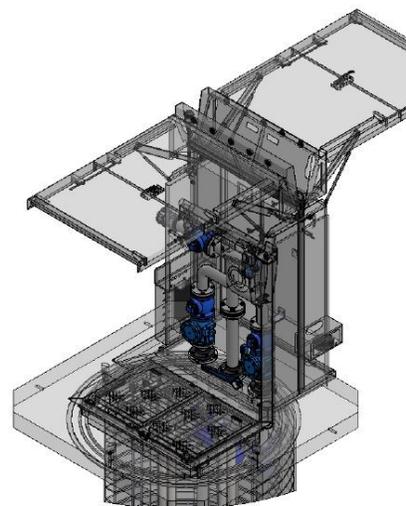
R+L Carriers in Matteson, Illinois

R+L CARRIERS



Manhard

CONSULTING



November 2022

Design-Build Pump Stations