

Checklist Item #1 - Narrative Summary

The purpose of the project is to complete the construction of the new Richardson Park Pump Station, including the construction of all vertical assets, mechanical, electrical, and site improvements. The existing Richardson Park Pumping Station was built in 1952 and has undergone multiple modifications since the original construction. Considered as one of the five major pump stations contributing to New Castle County's Christian River Force Main, the existing Richardson Park station is currently the oldest major pump station facility in New Castle County. The station conveys an average of 4 million gallons per day (MGD) with maximum station capacity of 19.5 MGD. Phase 1 of the project was completed in 2019, primarily involving the construction of the new subsurface pumping well; of which, the new location has been located out of the 100-year FEMA flood plain, providing future safeguard and resiliency in wastewater service to the region. The existing station has exceeded the intended service life and is need of replacement. The project will secure NCC Public Works' ability to provide reliable, safe, and consistent wastewater service to the Richardson Park Sewer Basin, which consists of an estimated population of 30,000 residents and customers.