

Project Plan:

- Replacement of four (4) existing Main Pump Station (MPS) vacuum primed pumps with four 20 MGD vertical turbine pumps, new motors and VFDs
- Replacement of two (2) existing Auxiliary Pump Station (APS) pumps with larger 40 MGD vertical turbine pumps, includes increased motor size and new VFDs
- Replacement of five (5) existing Primary effluent pumps at the Intermediate Pump Station (IPS) with increased design capacity including new motors and VFDs.
- Installation of a new tertiary bypass line to allow temporary diversion of biologically treated flow around the KIWWTP's tertiary treatment system during severe wet weather events.

Project Timeline



Amendment Request:

- Risk Based Replacement of PLCs
- Test Pit Survey
- Screen Chamber Concrete Repairs
- Bridge Crane Manufacturer CAD file
- Evaluation of Trickling Filter Parallel Line
- Soil Erosion and Control Plan Permit Application
- Pre-Purchase Equipment Procurement Assistance
- Influent Gate Repalcemente Design

PLC Replacement Locations:

Auxiliary
Pump Station
(PLC 12)

Intermediate Pump Station (PLC 9)



Test Pit Survey Locations:

Main Pump Station
(Location of
Screening and Influent Gates)

Auxiliary
Pump Station



Proposed in plant RMTF bypass location

Screen Chamber Concrete Repair:



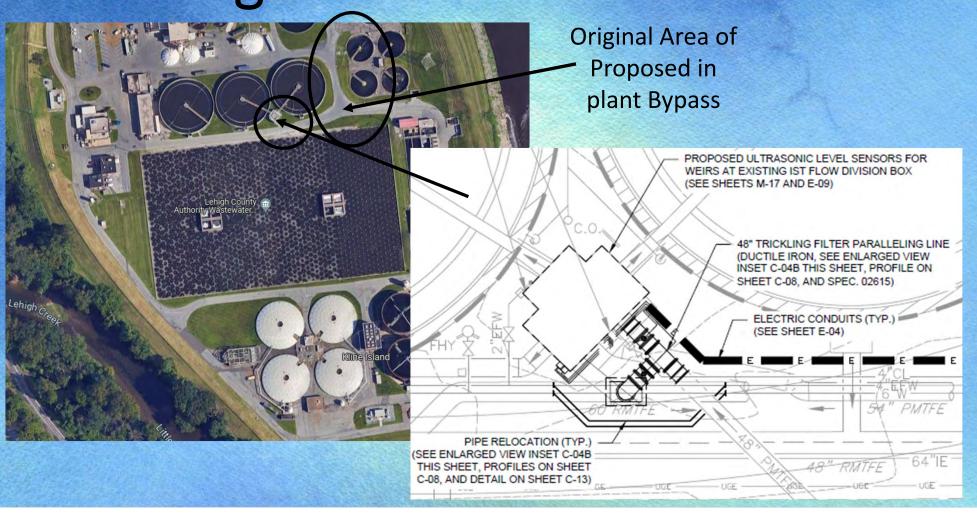


Bridge Crane:

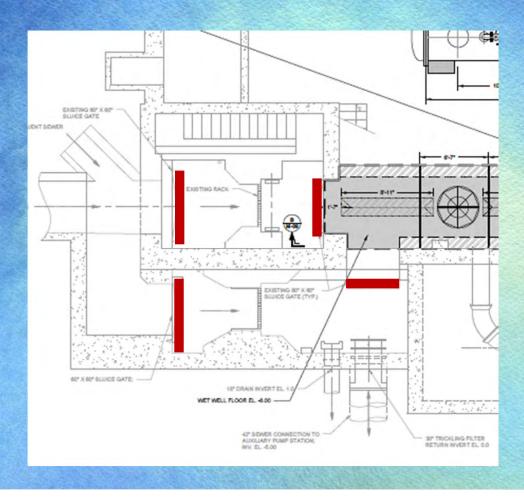




Trickling Filter Parallel line:



Influent Gate Replacement:



Approval Request:

- Prior Authorization for Final Design & Bidding Phase with Kleinfelder, Inc. = \$994,450
- Amendment Request Additional Final Design Services (Kleinfelder, Inc.) = \$253,090

New Design & Bidding Phase Total (Kleinfelder, Inc.) = \$1,247,540