



Wastewater

- Wallace Knox WWTP, permitted for 12.4 MGD daily annual average with a peak of 42 MGD.
- 51 lift stations, two major that feed directly to wwtp (10 and 30).
- 247.73 miles of gravity sewer mains
- 44.81 miles of force mains
- 4,222 manholes



Wastewater Treatment Plant

Treat 7.682 million gallons per day

Daily permit testing for biochemical oxygen demand (BOD), total suspended solids(TSS), ammonia, dissolved oxygen (DO), chlorine, de-chlorine, enterococci.

Daily and weekly testing for several parameters for process control

Quarterly and semi-annual bio-monitoring

Annual sludge testing.

Produced about 2000 metric tons of sludge, 698 loads.

Lift Station Improvements



- Station 10 and 30 replacement of 20+ year old generators.

Lift Station Improvements



- Complete rebuild of station 25.
- Station 21 had new controls and discharge piping installed.
- Construction has begun on station 7 and 15 rebuild.

Lift Station Improvements

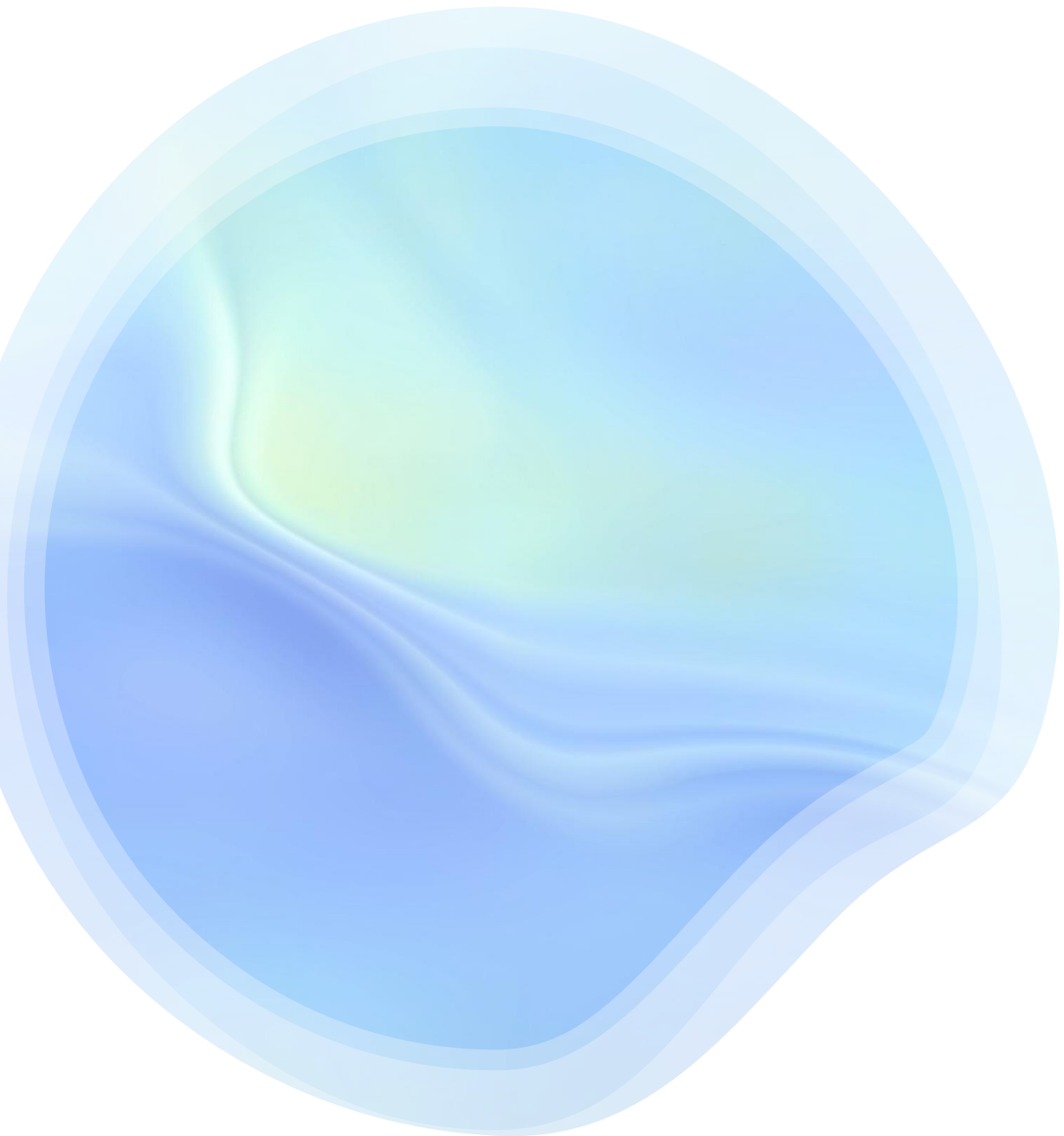
Replaced common pipe header leaving station 30



Force Main Work



- 36" valve installed
- 48" valve installed



Additional projects

Phase 23 sewer
improvements
completed

Phase 24 sewer
improvement
ongoing

Belt-press
reconditioning
on going