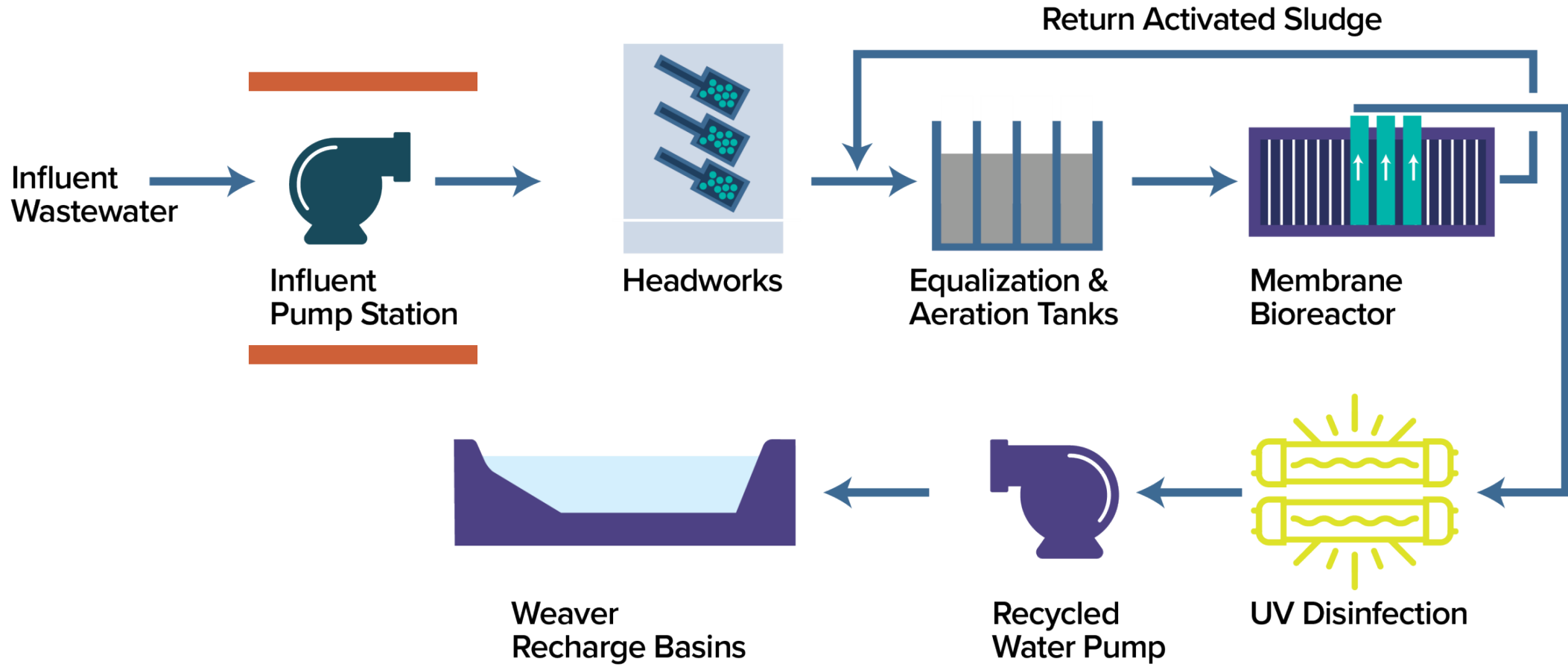


# SNRC Influent Pump System Update

Manny Moreno, Water Reclamation Manager  
5/27/2025

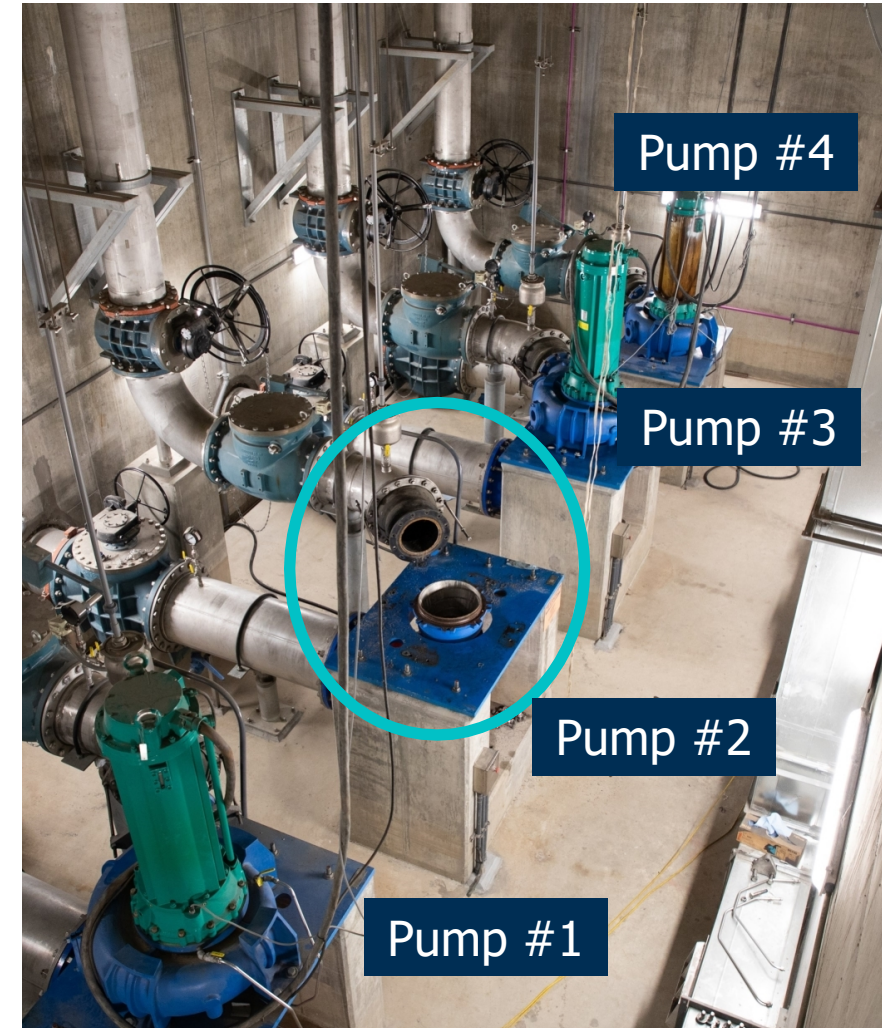


# INFLUENT PUMP STATION



# INFLUENT PUMP STATION

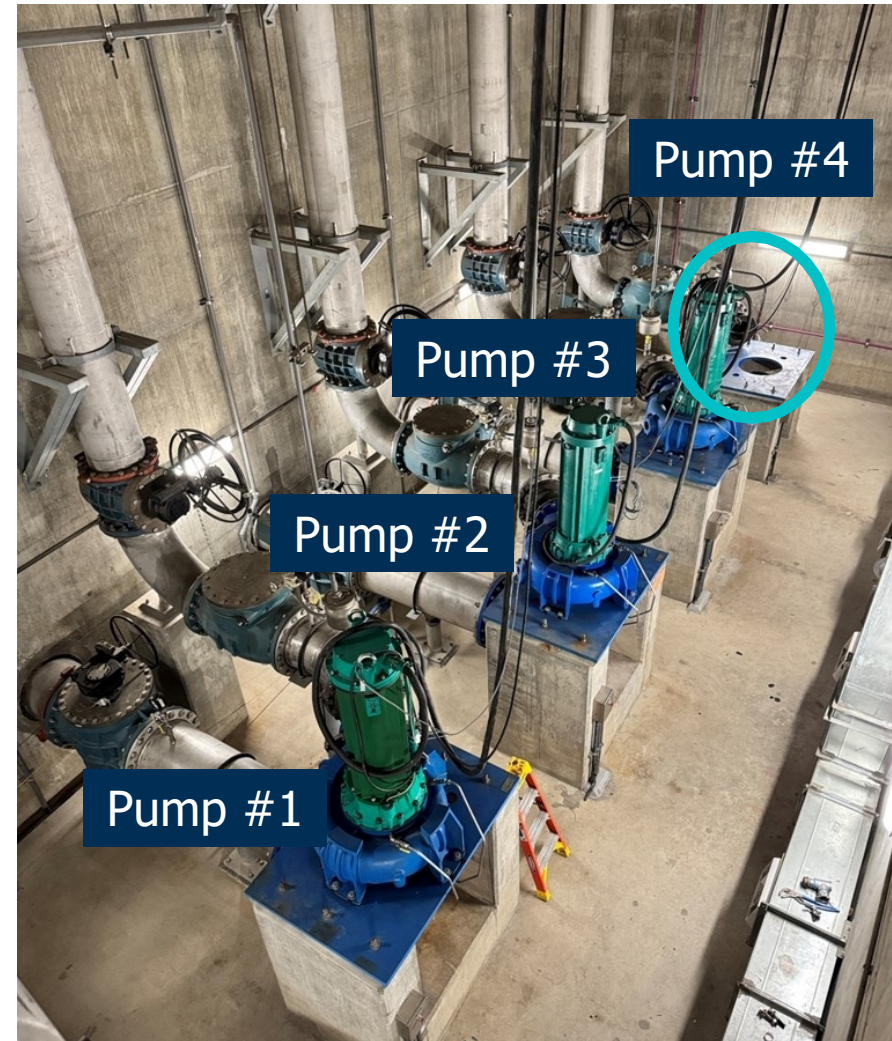
- Facility overview
  - *Pumps lift raw influent 30-ft to Headworks Treatment Processes*
  - *Four centrifugal pumps and motors (107 Horsepower)*
  - *Two duty pumps and two standby pumps*
- Contracted Xylem to install temporary pumps on October 23, 2024





# INFLUENT PUMP STATION STATUS

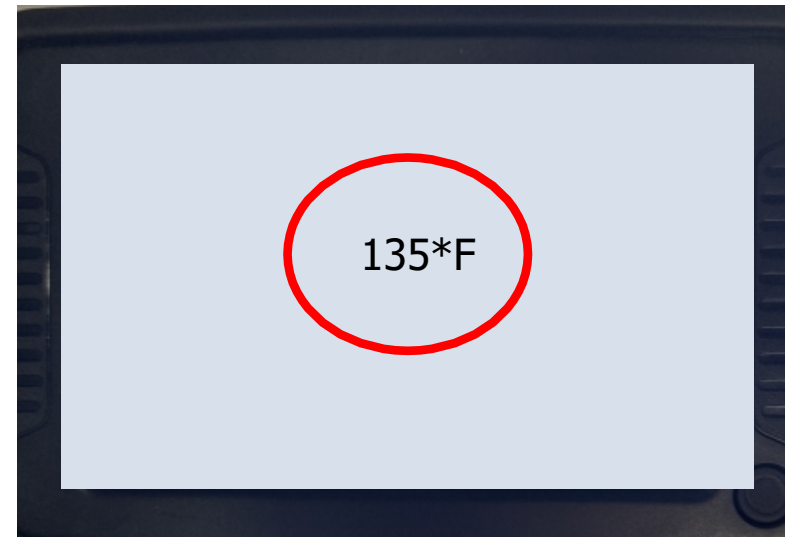
- Pumps #1,2,3 cooling modifications made and in service December, January, and February
  - *Running without issue*
  - *25-30 Degree drop in temperature*
- Removed Xylem pumps on May 05, 2025
- *May 2025: SNRC not satisfied after pump 4 inspection*
- *May 2025: Negotiated a new motor for pump 4*
- *Monitoring and warranty period through September 2025*



# MOTOR TEMPERATURE MONITORING



*Before Rebuild*



*After Rebuild*



# PUMP INSPECTION





# TEMPORARY XYLEM INFLUENT PUMP SYSTEM



*Temporary Xylem Influent Pumps*



# TEMPORARY XYLEM INFLUENT PUMP SYSTEM



*Temporary Xylem Influent Pumps Removed May 2025*



# QUESTIONS?