



SNRC TEMPORARY INFLUENT PUMP SYSTEM

Manny Moreno, Water Reclamation Manager

November 13, 2024

Serving Highland, San Bernardino and Unincorporated San Bernardino County



INFLUENT PUMP STATION

- Facility overview
 - *Pumps lift raw influent 30-ft to Headworks Treatment Processes*
 - *Four centrifugal screw pumps and motors (107 Horsepower)*
 - *Two duty pumps and two backup pumps*
- Pump #4 replaced on July 22, 2024
- Pumps #1,3,4 failed in succession on October 6, 2024
- Pump #2 removed on October 18, 2024
- Pump #3 failed on October 22, 2024
- Contracted Xylem to install temporary pumps on October 23, 2024
- Pumps #1 and #4 currently in service



MOTOR TEMPERATURE MONITORING



TEMPORARY XYLEM PUMP SYSTEM INSTALLATION



TEMPORARY XYLEM INFLUENT PUMP SYSTEM



TEMPORARY XYLEM PUMP SYSTEM DISCHARGE





DISCUSSION

Serving Highland, San Bernardino and Unincorporated San Bernardino County