

A photograph of a water fountain with water spraying upwards from a bed of smooth, light-colored river stones. In the background, there are lush green trees and a clear blue sky. The image is partially obscured by a dark blue diagonal overlay on the right side of the slide.

SNRC TEMPORARY INFLUENT PUMP SYSTEM

Manny Moreno, Water Reclamation Manager

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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

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