



## *PUBLIC WORKS*

### WWTP UPGRADE VS. METRO

Roy Vestal, PE  
Public Works Director

# CDPH&E Compliance Order

- 2018 Permit      **Permit Number CO0021440**
  
- In order to meet **Total Inorganic Nitrogen** and **Total Phosphorous** final limits, the schedule for compliance is included in the permit.
  
- Complete construction of facilities or other appropriate actions, which will allow the permittee to meet the final limitations.
  - ***January 31, 2023***



# WWTP Upgrade vs METRO

## □ Initial Cost

▣ \$ 38 M - \$ 42 M

## □ 20-Yr System Cost

\$ 90 M

## □ O&M Cost

▣ \$ 1,057,653.00

*(2021 Budget)*

## □ Initial Cost

▣ \$ 39 M - \$ 45 M

## □ 20-Yr System Cost

\$ 82 M

## □ O&M Cost

▣ \$ 1,315,900.00

*(est)*

# WWTP Upgrade vs METRO

## PROS

- Known project timeline
- City Control of WWTP services
- \$1,500,000 already spent for Design engineering and permits

## PROS

- Regulation risk transfer to METRO
- Economy of scale
- Pretreatment program

# WWTP Upgrade vs

# METRO

## CONS

- Unknown future regulation upgrades
- Future upgrades and ongoing Maintenance

## CONS

- Will require extension of compliance schedule with CDPH&E
- ROW Acquisition challenges for pipeline easement
- Maintenance / Risk Exposure 8-mile pipeline
- Water Court required for discharge location

# WWTP Upgrade vs METRO

Questions

Concerns

Clarifications