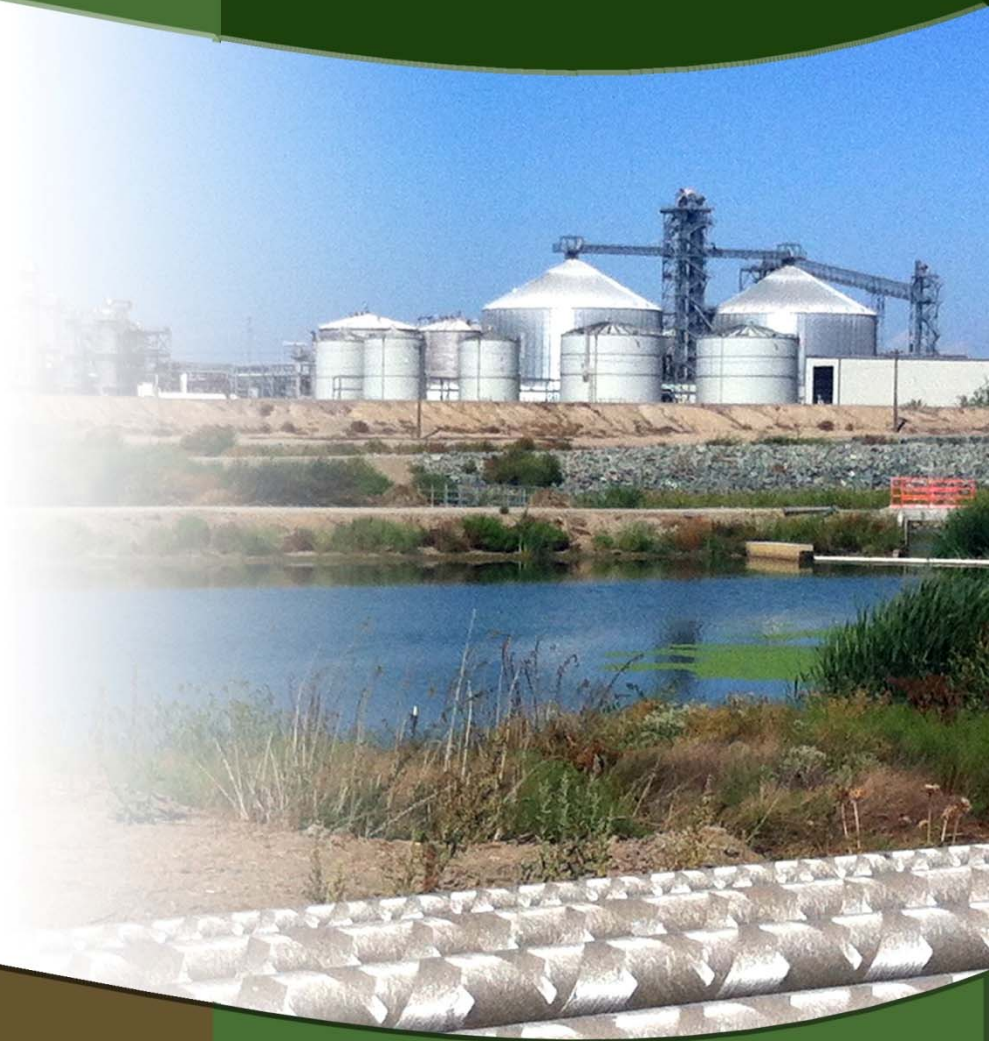




City of Stockton
Municipal Utilities Department
Council Water Committee

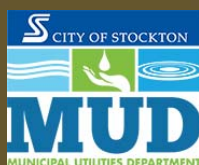
REGIONAL WASTEWATER CONTROL
FACILITY MODIFICATIONS PROJECT
EIR
MARCH 12, 2019





PROJECT OBJECTIVES

- ▶ Replace or rehabilitate aging treatment facilities, thereby extending the useful life of the RWCF
- ▶ Reduce or eliminate unnecessary treatment processes to streamline operations
- ▶ Comply with effluent limitations specified in the RWCF NPDES permit
- ▶ Improve working conditions and operations support facilities for increased efficiency
- ▶ Improve energy efficiency and reduce reliance on the external energy providers
- ▶ Implement a project that reflects the priorities and funding capacity of the City

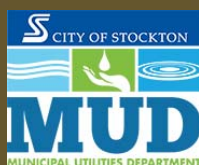




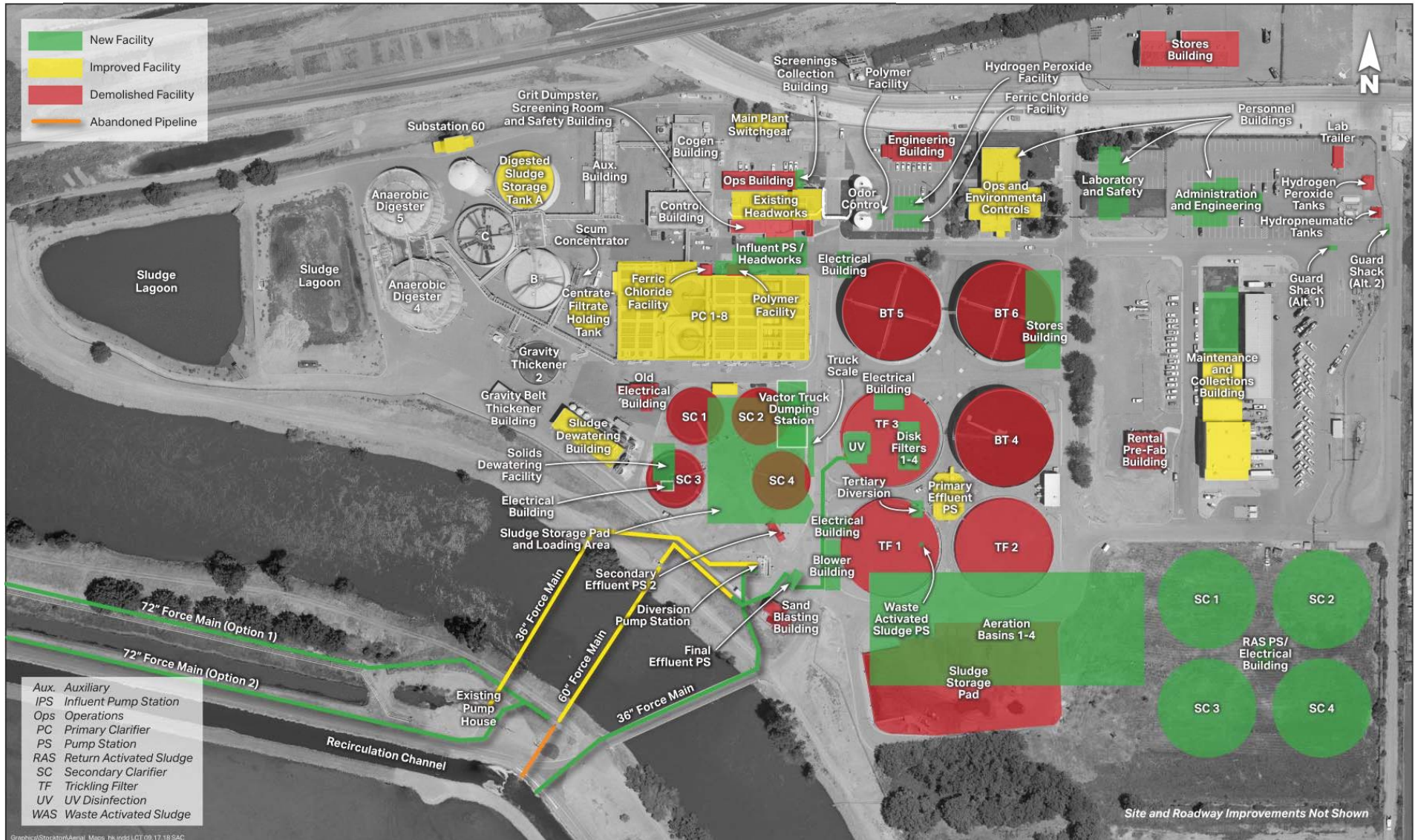
PROJECT GOALS

► Upgrades to:

- Increase the reliability of the liquid and solids treatment processes
- Improve treatment reliability of existing and projected flows
- Reduce energy costs and provide reliable renewable energy alternatives
- Reduce nitrate plus nitrite (N plus N) concentrations in the final effluent to comply with National Pollutant Discharge Elimination System (NPDES) limitations



PROPOSED MODIFICATIONS: MAIN PLANT



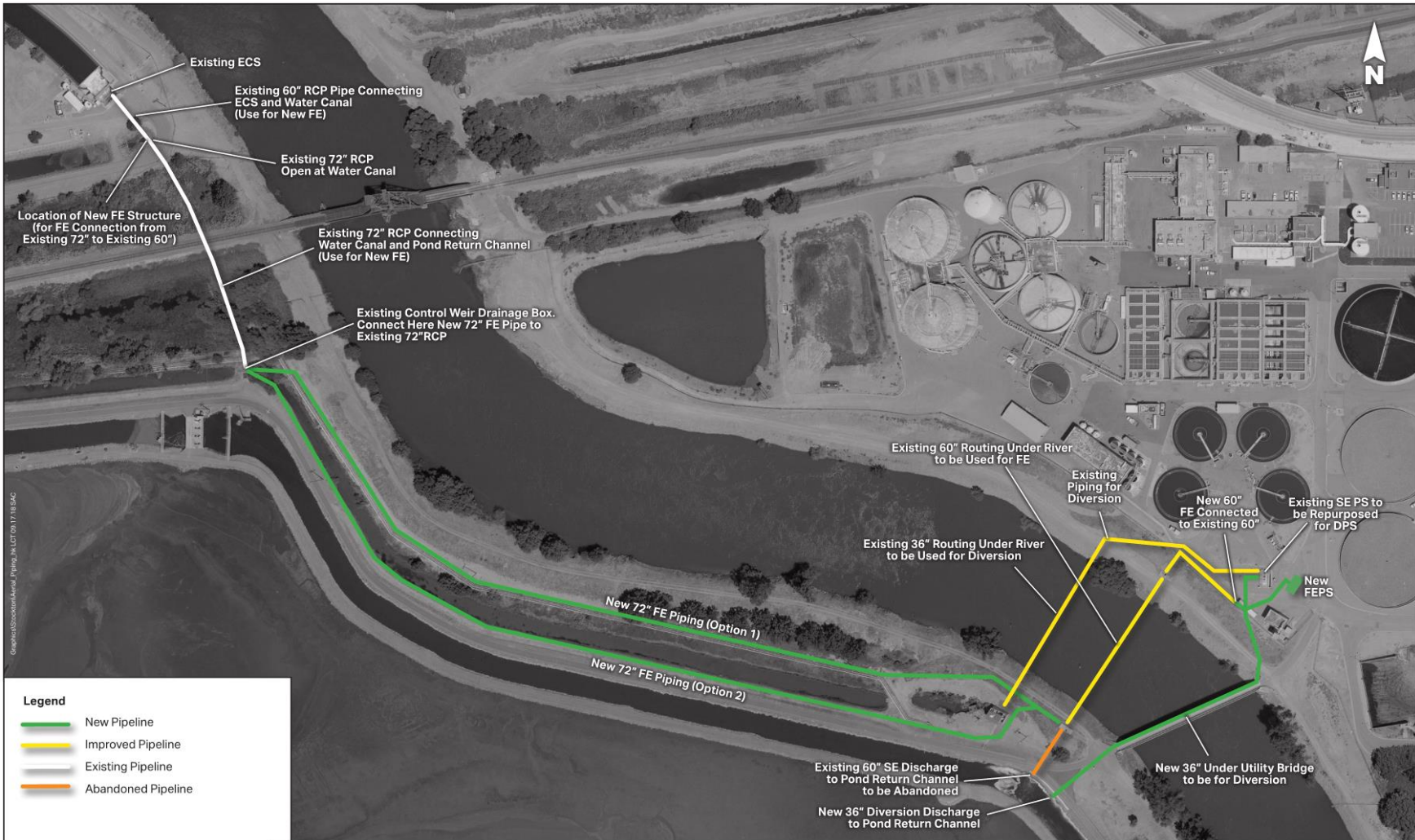
PROPOSED MODIFICATIONS: TERTIARY PLANT



PROPOSED MODIFICATIONS: PONDS AND WETLANDS



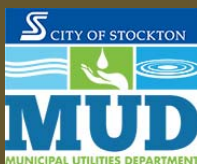
PROPOSED MODIFICATIONS: PIPELINES FOR EFFLUENT ROUTING





RESOURCE ISSUES ANALYZED IN THE EIR

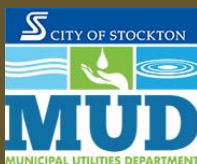
- ▶ Air Quality
- ▶ Greenhouse Gas Emissions and Climate Change
- ▶ Energy
- ▶ Hydrology and Water Quality
- ▶ Terrestrial and Aquatic Biological Resources
- ▶ Cultural and Tribal Cultural Resources
- ▶ Noise
- ▶ Environmental Justice
- ▶ Transportation and Circulation
- ▶ Utilities and Public Services





CEQA-PLUS EIR

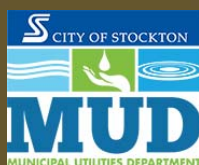
- ▶ City is pursuing Clean Water State Revolving Funds
- ▶ U.S. EPA funding, equivalent to federal action
- ▶ Delegated Authority to State Water Board
- ▶ Compliance with Federal Regulations:
 - Section 7 Consultation pursuant to ESA
 - Essential Fish Habitat Consultation
 - Section 106, National Historic Preservation Act
 - Clean Air Act, Conformity Determination
 - Migratory Bird Treaty Act
 - Protection of Wetlands





EIR PROCESS

- ▶ Notice of Preparation 9-7-2018
- ▶ Scoping Meeting 9-24-2018
- ▶ Draft EIR 11-2-2018 to 12-7-2018
- ▶ Final EIR
 - Response to Comments
 - Findings of Fact
 - Mitigation Monitoring and Reporting Program (MMRP)
- ▶ Council Consideration of Final EIR 3-26-19

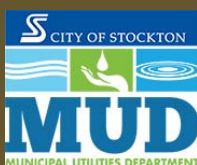




FINAL EIR

Comments Received/Addressed

- ▶ San Joaquin Council of Governments
- ▶ San Joaquin Council of Governments, acting as the Airport Land Use Commission and Congestion Management Agency
- ▶ San Joaquin Valley Air Pollution Control District
- ▶ Reclamation District 404
- ▶ Delta Stewardship Council
- ▶ U.S. Department of Homeland Security, Federal Emergency Management Agency Region IX





FINDINGS

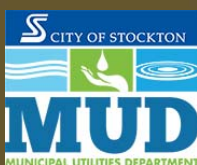
- ▶ No significant and unavoidable impacts
- ▶ Less-than-Significant Impacts with Mitigation Measures
 - Disturbance to or Loss of Special-Status Plant Species and Habitat
 - Disturbance to or Loss of Giant Garter Snake
 - Disturbance to or Loss of Western Pond Turtle
 - Disturbance to or Loss of Burrowing Owl
 - Disturbance to or Loss of Swainson's Hawk, White-Tailed Kite, and Other Nesting Raptors
 - Disturbance to or Loss of Tricolored Blackbird, Song Sparrow ("Modesto" Population), and Other Nesting Birds
 - Disturbance to or Loss of Valley Elderberry Longhorn Beetle
 - Disturbance to or Loss of Special-Status Bats





FINDINGS (CONTINUED)

- ▶ **Less-than-Significant Impacts with Mitigation Measures**
 - Disturbance to or Loss of Valley Elderberry Longhorn Beetle
 - Disturbance to or Loss of Special-Status Bats Disturbance to Riparian Habitat
 - Effects on Previously Undiscovered Archaeological Resources and Tribal Resources
 - Effects on Previously Undiscovered Human Remains
 - Effects on Paleontological Resources
 - Increased Traffic Congestion During Construction





RECOMMENDED ACTIONS

- ▶ It is recommended that the City Council adopt a resolution to:
 - Certify the Regional Wastewater Control Facility (RWCF) Modifications Project Final Environmental Impact Report (EIR), and
 - Adopt the Findings of Fact (Findings), and
 - Adopt the Mitigation Monitoring and Reporting Program (MMRP).

