

Yuba IRWMP – WTLD-16

Project Solicitation Form¹

Please fill out the following information to the best of your ability/knowledge. Once the project has been received and a preliminary review completed, the project team will work with you to develop additional information.

Project Sponsor Contact Information

Lead Agency/Organization	City of Wheatland
Name of Primary Contact(s)	Dane Schilling, City Engineer
Mailing Address	111 C Street, Wheatland, CA
Email Address	schilling@coastlandcivil.com
Phone (###) ###-####	530-401-4610
Project Partners/Collaborators	N/A

General Project Information

Project Title	Wheatland Regional Wastewater Treatment Project
Project Total Budget, based on current knowledge	Approx. \$22.1M City Conveyance + \$11.8M City Share of new OPUD Conveyance + \$12.2M (OPUD treatment capacity)
Project Funding Match, if any	\$4.0M City of Wheatland
Total Project Funding Request	\$34.3M - 42.1M
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	(See Attached Map) Pipeline route from City of Wheatland to Olivehurst Public Utilities District (OPUD)
City/Community	City of Wheatland
Watershed/subwatershed	
Groundwater Basin	South Yuba Subbasin
Project Type (highlight in gray all that apply)	Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA Facility Construction Restoration Monitoring Best Management Practices Acquisition Demonstration/Pilot Project

¹ Completed Project Solicitation Forms should be sent via email to Katie Burdick at admin@burdico.net

Project Description

Write a narrative briefly describing the project components and/or characteristics (maximum of 300 words).

The City currently owns and operates a wastewater treatment plant (WWTP) with a capacity of 0.62 million gallons per day (MGD). The City is looking for treatment and disposal alternatives because the current plant's capacity is a constraint to future development in the City and also because the existing aged plant is long overdue for major capital replacement projects. Based on the engineering data developed in a City-sponsored study, alternatives conveying Wheatland's sewage to either Olivehurst Public Utility District (OPUD) or the Linda County Water District (LCWD) were considered to be the best, lowest cost options for meeting City's long-term objectives, with LCWA being approximately \$6 million more expensive (construction and connection) than OPUD.

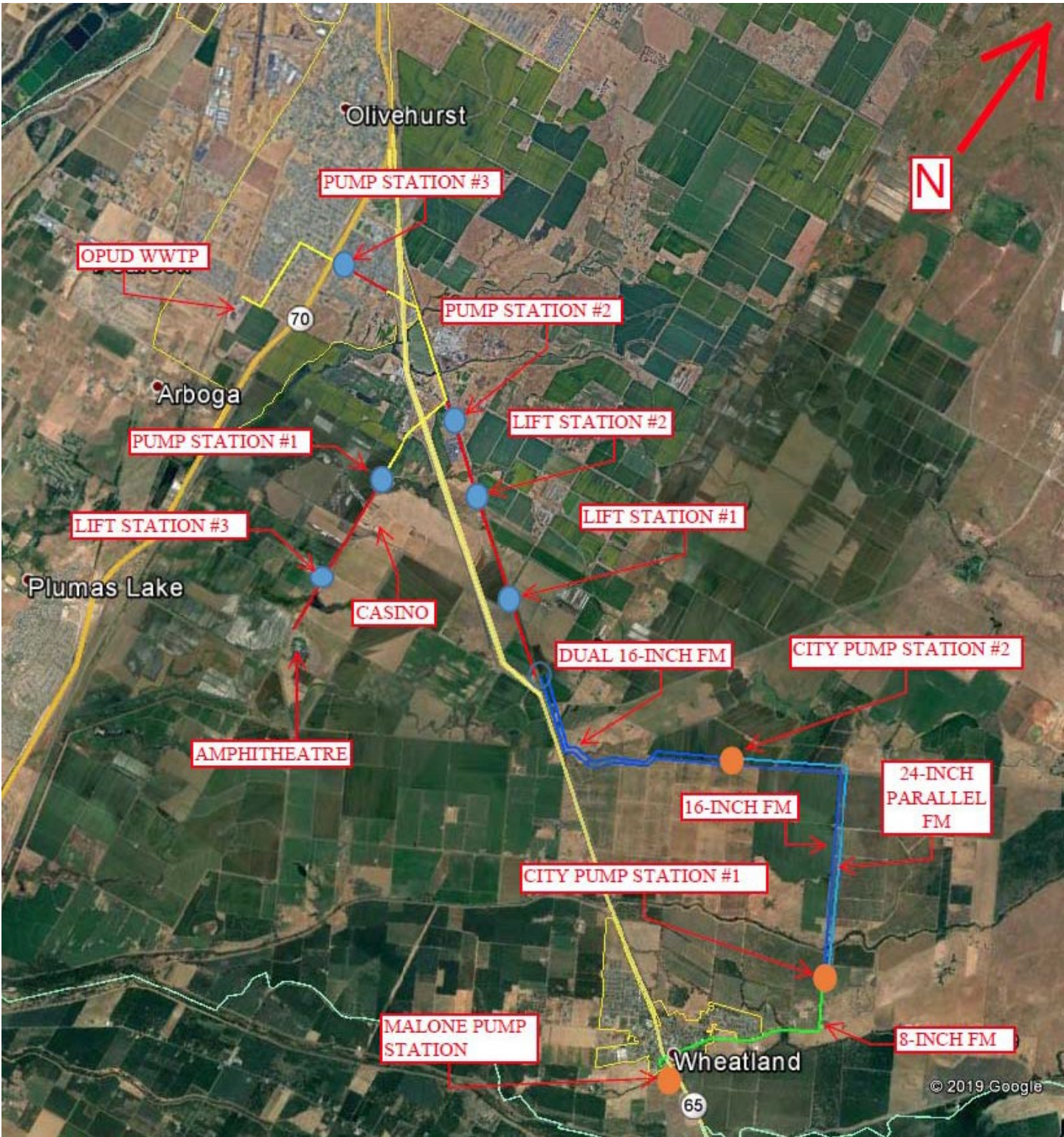
The scope of this project would include construction of the necessary infrastructure to convey the City's sewage to southerly limits of OPUD's proposed South County Wastewater Project. The City would also need to purchase capacity in the existing OPUD system (both conveyance and treatment plant capacity). It is expected that the City's initial phase (this project) will accommodate 1.5 MGD of flow (approx. 5500 EDUs). A future parallel pipeline will be constructed when needed.

I. Project Rationale/Issues Statement

Briefly describe the need for the project and the desired outcomes/deliverables (maximum of 200 words).

The City's aged WWTP has limited capacity and will be difficult to maintain or expand to meet planned City growth. The plant provides only secondary-level treatment and due to changes in wastewater treatment requirements since the plant was constructed, the Regional Water Quality Control Board will require treatment upgrades on the entire plant for any new permits or expansion. Maintaining the aging plant is costly, and a previous study estimated that approximately \$2.2 million (adjusted to current dollars) in improvements are needed just to maintain the current operations and treatment levels at the plant.

Connections to either OPUD or LCWD are the best apparent alternatives to resolve these issues, with OPUD being a lower cost option. Connecting to either agency is technically feasible, has lower upfront costs by as much as \$14 million than a new treatment plant in Wheatland, has lower operating costs, and is in concert with Regional Water Board policy of consolidating smaller plants into larger ones.



Location Map - Wheatland Regional Wastewater Treatment Project