

**Yuba IRWMP**  
**Project Solicitation Form 2019<sup>1</sup>**

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) 633 - 2761
Project Partners/Collaborators	Reclamation District 817, Reclamation District 2103, Developer/Property Owners (Caliterra Ranch and Heritage Oaks Estates)

**General Project Information**

Project Title	South Storm Water Basin
Project Total Budget, based on current knowledge	\$3,400,000, includes \$2,400,000 for pump, basin and associated pumping plus an additional \$1,000,000 for land costs
Project Funding Match, if any	Developer is expected to partially offset construction and land costs, anticipated at 50% of cost
Total Project Funding Request	\$1,700,000 Note that cost is based on current Technical Studies available. City believes that collaboration with the Reclamation District, Developer and Developer's Engineer to produce a more accurate cost estimate.
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	Southwest Wheatland and S. Grasshopper Slough
City/Community	City of Wheatland
Watershed/subwatershed	Bear River / South Basin in City's 5-basin Plan
Groundwater Basin	South Sub-Basin
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

<sup>1</sup> Completed Project Solicitation Forms should be sent via email to Katie Burdick at [admin@burdico.net](mailto:admin@burdico.net)

## Project Description

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

The City proposes to construct a storm water basin with outfall to the Bear River, pump and associated piping in the southwest quadrant of City. The basin is included in the 2007 City of Wheatland “Internal Drainage Master Plan” and City of Wheatland General Plan, and will address several stormwater issues in the area:

- Construction of Bear River and Dry Creek levees has trapped local drainage behind the levies, causing localized flooding & crop damage downstream where the water pools for long periods.
- An additional contributing factor is agricultural modifications to the slough, which has further diminished the conveyance and discharge.
- The Reclamation Districts have expressed concern about impacts from future development on the slough, although this was allowed historically. The basin will help alleviate these concerns and the City will work with RD as part of this process.
- The proposed basin will provide efficient storm water treatment and address run-off for future housing needs in the basin area.
- The proposed basin design will incorporate Low-Impact Development best management practices, allowing for infiltration/groundwater recharge and for storm water treatment prior to discharge.

## I. Project Rationale/Issues Statement

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

The project is needed to address existing flooding caused by levee construction, restore flows to historic patterns and accommodate future housing needs while addressing the Reclamation District concerns and impacts to agricultural uses of the Bear River shed.

- The proposed Stormwater Basin will accomplish several IMWRP goals regarding water conservation, including Goal 1.2, 1.3 (water conservation and watershed health), and Goal 2.1 (sediment mitigation and run-off).
- The proposed basin will address existing issues associated with the levy construction and allow for new housing in the vicinity of the site.
- Address Reclamation District concerns about drainage that used to flow to the Bear River.
- Incorporate Low-Impact Development best management practices, allowing for infiltration/groundwater recharge, and for storm water treatment prior to discharge.
- Mitigate future crop damage from sustained periods of localized flooding