



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Approve Specifications and Authorize Advertisement for Bids for Irrigation Improvements at White Slough Water Pollution Control Facility

**MEETING DATE:** February 15, 2012

**PREPARED BY** Public Works Director

**RECOMMENDED ACTION:** Approve specifications and authorize advertisement for bids for irrigation improvements at White Slough Water Pollution Control Facility.

**BACKGROUND INFORMATION:** Farming operations at the White Slough Water Pollution Control Facility include the irrigation of recycled water and the application of biosolids for fodder crops that are cultivated on approximately 790 acres of City-owned farmland surrounding the facility.

Since March 1990, the City has had a permit for diversion of surface water from Dredger Cut to irrigate 460 acres of the farmland south of an unnamed channel that bisects the property. This channel conveys surface water from Dredger Cut to an irrigation pump located near the mosquito ponds (see Exhibit A).

This project includes modifications and upgrades to the existing irrigation pump station and maintenance dredging approximately 4,400 lineal feet of the unnamed channel to improve its conveyance capacity. The improvements are needed to maintain an irrigation supply to the 460 acres of farmland south of the unnamed channel that have been impacted by additional recycled water demands from the Northern California Power Association (NCPA) Lodi Energy Center and by the development of silt and vegetation that is impeding the flow of water to the pump station. The use of biosolids on these properties would continue as permitted by the State.

Staff has consulted with the San Joaquin Council of Government (SJCOG) Habitat Conservation Plan representatives. Preliminary environmental clearance for this project has been established through project approvals associated with the construction of the Lodi Energy Center.

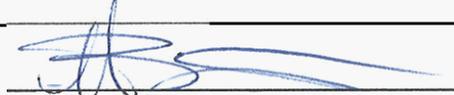
The specifications are on file in the Public Works Department. The planned bid opening date is March 8, 2012. The project estimate is \$100,000.

**FISCAL IMPACT:** This project will maintain irrigation supply water to the City's land application areas which generate annual lease revenues to the General Fund of approximately \$200,000.

**FUNDING AVAILABLE:** This project will utilize the Wastewater Fund (170403).

  
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 Wally Sande, Director

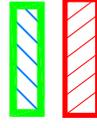
Prepared by: Kathryn Garcia, Compliance Engineer  
 FWS/CES/KMG/pmf  
 cc: Deputy Public Works Director - Utilities  
 Compliance Engineer

**APPROVED:**   
 Konrad Bartlam, City Manager

# EXHIBIT A

City of Lodi  
White Slough WPCF  
SURFACE WATER IRRIGATION  
FACILITIES

LEGEND:



NOT TO SCALE

