

**LODI CITY COUNCIL
SHIRTSLEEVE SESSION
CARNEGIE FORUM, 305 WEST PINE STREET
TUESDAY, OCTOBER 8, 2013**

A. Roll Call by City Clerk

An Informal Informational Meeting ("Shirtsleeve" Session) of the Lodi City Council was held Tuesday, October 8, 2013, commencing at 7:02 a.m.

Present: Council Member Hansen, Council Member Mounce, Mayor Pro Tempore Katzakian, and Mayor Nakanishi

Absent: Council Member Johnson

Also Present: City Manager Bartlam, City Attorney Schwabauer, and Assistant City Clerk Robison

B. Topic(s)

B-1 Status Report on White Slough Water Pollution Control Facility Discharge Permit (PW)

Deputy Public Works Director Larry Parlin provided a PowerPoint presentation regarding the report on the White Slough Water Pollution Control Facility discharge permit. Specific topics of discussion included background, permitting process, key requirements for Waste Discharge Requirements and Master Reclamation Permit, key requirements for the National Pollutant Discharge Elimination System Permit, financial impacts, looking forward, land application expansion study, and pretreatment program update. Mr. Parlin reported that the permits were adopted on October 3, 2013.

In response to Council Member Hansen, Mr. Parlin explained that the City has two lengthy permit documents, many of the comments were editorial, and staff worked to ensure consistency in the permit on a region-wide basis so problems in other permits would not trickle down to the rest. In addition, the board had new permit writers who were unfamiliar with Lodi's history.

In response to Council Member Hansen, Mr. Parlin stated that groundwater flow is a complex matter and more analysis is necessary to look at background locations, ensure the right wells are there, and to account for issues that might affect flow, such as weather, the Delta, and dairies.

In response to Mayor Nakanishi, Mr. Parlin stated the City has two agricultural wells used by the farmers when they need extra water that have been at that location for a long while.

In response to Council Member Hansen, Mr. Parlin stated the ponds affect groundwater and flows can change direction, but overall it is manageable.

In response to Mayor Nakanishi, City Manager Bartlam stated the City sold approximately 25 acres in easements to Northern California Power Agency (NCPA) and out of 1,000 acres there is construction on roughly 100 acres. Mr. Parlin added that farmers are irrigating approximately 700 acres.

In response to Mayor Pro Tempore Katzakian, Mr. Parlin stated two-thirds of the water is committed, leaving a third left for use. Mr. Bartlam stated the water use is seasonally adjusted as there are different needs in winter versus summer. The City typically discharges water in winter because farmers do not take any during those months.

In response to Mayor Pro Tempore Katzakian, Mr. Parlin stated that, if it is feasible in the future,

the City could store and use the water because flows will increase over time, while still retaining the ability to discharge water if necessary.

In response to Mayor Pro Tempore Katzakian, Mr. Parlin stated the Lodi Energy Center is only using 20 percent of the contracted flow amount, which is 1,600 acre feet. Mr. Bartlam pointed out that the City transferred the lease from water based to land-rent based. Mr. Parlin further responded that future growth would not be a significant burden on the flow.

In response to Council Member Hansen, Mr. Bartlam stated the City would discuss with NCPA the need for it to build additional storage for its own use.

In response to Mayor Nakanishi, Mr. Parlin stated that San Diego is currently working on a project to discharge wastewater into a drinking water reservoir for use and there are similar pilot projects in Southern California and Florida.

In response to Council Member Hansen, Mr. Bartlam stated the City owns the conveyance system and it predates the City's activity in that area.

In response to Mayor Nakanishi, Mr. Bartlam stated the agricultural leases are worth \$100,000 in revenue a year to the City and the Lodi Energy Center is approximately \$100,000 a year. In further response, Mr. Parlin stated that the goal is to have full reclamation of water and the new permits are good for five years.

In response to Mayor Pro Tempore Katzakian, Mr. Bartlam stated that new transmission lines is one in a series of alternatives, but a greater concern is the affect on groundwater. The ability to use the land for farming is a benefit that many do not have, however, the state could eventually over regulate the City's ability to continue do so. If it becomes too expensive to continue with groundwater, other options will need to be explored.

Public Works Director Wally Sandelin stated the Lodi Energy Center stores Title 22 water and the supplemental filtration system and disinfection by the ultraviolet system are very expensive to operate, therefore water that does not go through the system saves the City on power and maintenance. Mr. Sandelin added that the gap in growth between 5.2 million gallons a day (mgd) to 8 mgd could take 30 to 50 years, so plant expansion would not be necessary for decades.

In response to Council Member Hansen, Mr. Bartlam stated that, during the permit process, no comments were received from any non-governmental agency, including agencies committed to protecting the Delta, which is significant.

In response to Mayor Pro Tempore Katzakian, Mr. Bartlam responded that approximately 60 cents on every dollar goes toward monitoring and testing, which is passed onto rate payers.

C. Comments by Public on Non-Agenda Items - None

D. Adjournment

No action was taken by the City Council. The meeting was adjourned at 7:50 a.m.

ATTEST:

Jennifer M. Robison
Assistant City Clerk



**CITY OF LODI
COUNCIL COMMUNICATION**

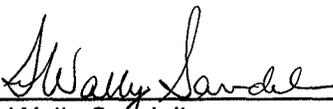
AGENDA TITLE: Status Report on White Slough Water Pollution Control Facility Discharge Permit
MEETING DATE: October 8, 2013 (Shirtsleeve Session)
PREPARED BY: Public Works Director

RECOMMENDED ACTION: Receive status report on White Slough Water Pollution Control Facility Discharge Permit.

BACKGROUND INFORMATION: The City Council will receive an update on the new discharge permit(s) for the White Slough Water Pollution Control Facility (WSWPCF) and associated requirements. Included in this presentation is a description of the permitting process, key permit requirements, financial impacts, and related future activities. The presentation will also identify immediate and long-term planning efforts for the WSWPCF.

FISCAL IMPACT: Not applicable.

FUNDING AVAILABLE: Not applicable.



F. Wally Sandelin
Public Works Director

Prepared by Larry Parlin, Deputy Public Works Director – Utilities
FWS/LP/pmf

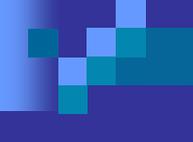
APPROVED: 

Konradt Bartlam, City Manager



White Slough Water Pollution Control Facility 2013 Discharge Permits

Lodi City Council Shirtsleeve Meeting
October 8, 2013

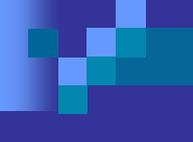


Presentation Outline

- Background
- Permitting Process
- Key Permit Requirements
- Financial Impacts
- Looking Forward

Background

- WSWPCF is permitted to treat 8.5 mgd of domestic and industrial wastewater.
- Discharge to surface water is regulated by a federal NPDES requirements.
- Discharge to land is regulated by state WDR requirements.
- Reclaimed Water supplied to LEC is regulated by CDPH Title 22 requirements.



Permitting Process

- Previous permit adopted in September of 2007.
- Typically a 12 to 18 month renewal process.
- A Report of Waste Discharge (ROWD) must be submitted 6 months prior to permit expiration date. ROWD submitted in February 2012.
- New Permits adopted October 3, 2013



Key Requirements for WDR and Master Reclamation Permit

- Title 27 Exemption
- Best Practicable Treatment or Control (BPTC)
- Groundwater Limitations for Manganese and Nitrate
- Requirements to be Re-evaluated During the Next 2 to 3 Years



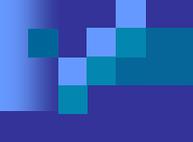
Key Requirements for NPDES Permit

- No Effluent Temperature Requirement
- Reduced Receiving Water Monitoring
- CTR Requirements
- Methyl Mercury Program
- Chlorpyrifos and Diazinon Monitoring
- Changes in Toxicity Monitoring



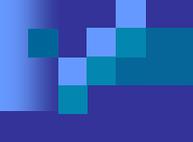
Financial Impacts

- Increased Monitoring Costs
- Additional BPTC Study Required
- Ongoing Groundwater Monitoring
- Potential Capital Improvements



Looking Forward

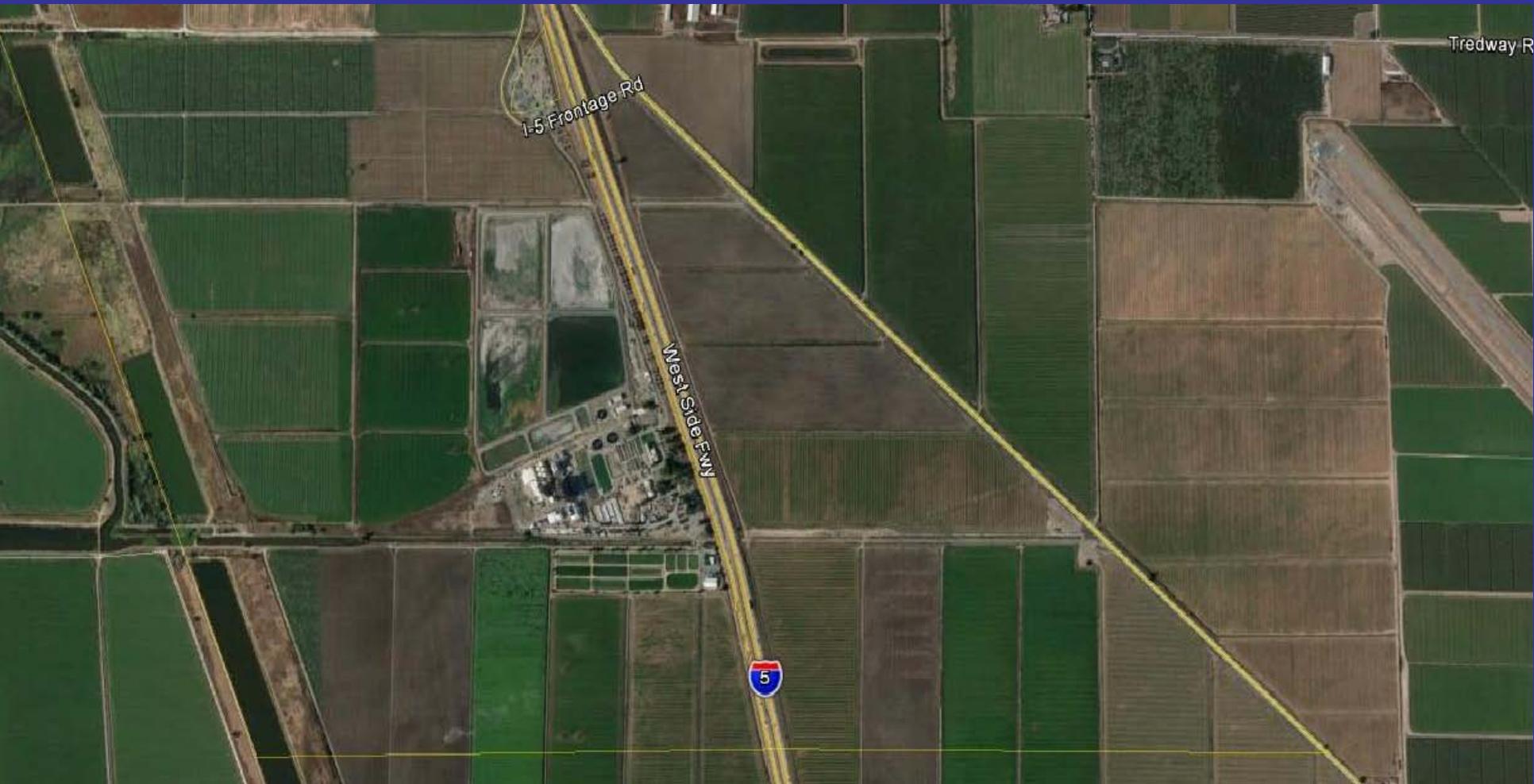
- Studying the feasibility of 100 percent wastewater reclamation.
- Maintain all options for discharge and disposal.
- Additional capital investments will be needed.



Land Application Expansion Study

- Evaluate Water Balance for 6.0, 7.0, and 8.5 MGD Flow
- Expansion of Irrigated Fields
- Construction of Additional Storage
- Eliminate use of Agricultural Wells
- Improvements to Flow Conveyance

Land Application Expansion Study



Land Application Expansion Study

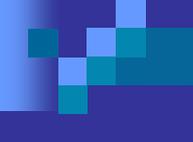
- Eliminate use of Agricultural Wells



Land Application Expansion Study

- Improvements to Flow Conveyance





Pretreatment Program Update

- Revise Local Limits
- Update Sewer Use Ordinance
- Update Enforcement Response Plan

Questions?

