




MEMORANDUM, City of Lodi, Public Works Department

To: City Council
Blair King, City Manager

From: Richard Prima, Public Works Director 

Date: September 11, 2006

Subject: Groundwater Investigation at White Slough

The Council may recall that in 2005 the City contracted with West Yost Associates to further study groundwater conditions in the vicinity of the White Slough Facility. This work was in response to our State permit requirements for groundwater monitoring and assessment, and subsequent letters from the Regional Board in relation to our upcoming permit.

This work was an extensive effort looking at both on-site and area-wide conditions and operational practices. The report is over 2 inches thick and the introduction/summary/recommendations chapter is attached for your information.

At the risk of over-simplifying these complex issues, the following paragraph from the attachment summarizes their findings:

"The available information demonstrates that additional controls may be appropriate for reducing the potential for nitrate impacts associated with the City's facilities and land application practices. However, the City's WPCF facilities and land application practices are not likely to be causing groundwater degradation with respect to EC, sodium, and chloride. In fact, these facilities and practices may actually be improving underlying groundwater quality for these constituents."

The report has been furnished to the Regional Water Quality Control Board, however City staff and our consultants are already at work gathering additional information and evaluating alternatives to cost-effectively mitigating any adverse impacts our facility may be having on groundwater.

If you would like a full copy of the report, please contact me for a printed copy or an electronic copy on CDROM.

RCP/rcp

Attachment

Cc: Steve Schwabauer, City Attorney
Jim Krueger, Deputy City Manager
Wally Sandelin, City Engineer
Del Kerlin, Wastewater Treatment Superintendent