

ITEM: 15

SUBJECT: *City of Davis, Wastewater Treatment Plant, Yolo County*

BOARD ACTION: *Consideration of New Time Schedule Order (NPDES Permit No. CA0079049)*

BACKGROUND: The City of Davis owns and operates the City of Davis Wastewater Treatment Plant that serves the City of Davis. The treatment plant is permitted to discharge up to 7.5 million gallons per day of treated wastewater. The United States Environmental Protection Agency and the Central Valley Regional Water Quality Control Board (Central Valley Water Board) have classified this discharge as a major discharge. Secondary-treated municipal wastewater is discharged to Willow Slough Bypass and Conaway Ranch Toe Drain, waters of the United States and tributary to the Yolo Bypass.

On 5 February 2009, the Central Valley Water Board adopted amended Waste Discharge Requirements Order No. R5-2007-0132-01 (NPDES No. CA0079049) (NPDES Permit) prescribing waste discharge requirements for the City of Davis Wastewater Treatment Plant. The NPDES Permit contains, in part, final effluent limitations for cyanide and selenium that become effective 18 May 2010.

On 29 October 2009, the Discharger submitted justification for a compliance schedule for cyanide and selenium, which included a schedule of projects and studies currently in progress.

Due to the (1) coordination with other agencies in developing a regional surface water supply project to improve the water quality of the influent entering the Facility, (2) review of design alternatives for a Facility upgrade, (3) need for a more accurate analytical technique that results in compliance with cyanide effluent limitations, and (4) completion of the agricultural reuse feasibility study, the Discharger anticipates that it will be unable to have the necessary facilities operational to meet the final effluent limitations for selenium and cyanide by 18 May 2010, as currently required in the NPDES permit.

The Discharger is requesting a time schedule given the uncertainty as to the potential need to design and construct a new treatment process at the Facility, the additional time to complete the agricultural reuse feasibility study, to introduce new municipal water supply, and find a more accurate analytical technique to comply with the new final effluent limits for cyanide and selenium contained in the NPDES Permit. The proposed Time Schedule Order extends the compliance date for cyanide and selenium to 1 February 2015.

ISSUES: None.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

18 March 2010

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