

ITEM:

SUBJECT: City of Brentwood Wastewater Treatment Plant

BOARD ACTION: *Consideration of Resolution Amending Waste Discharge Requirements Order No. R5-2008-0006 (NPDES No. CA0082660)*

BACKGROUND: The City of Brentwood owns and operates a publicly owned wastewater treatment plant. On 25 January 2008, the Regional Water Board adopted Waste Discharge Requirements Order No. R5-2008-0006 (NPDES No. CA0082660) that prescribes waste discharge requirements for the City of Brentwood Wastewater Treatment Plant for the discharge of treated municipal wastewater to Marsh Creek, within the Sacramento-San Joaquin Delta. A Resolution is proposed to amend Order No. R5-2008-0006 to make some minor corrections to the permit. The Order contains new final effluent limitations for total recoverable copper, but fails to include an effluent monitoring requirement to determine compliance with the effluent limitations. The proposed Resolution adds monthly effluent monitoring for total recoverable copper. The interim effluent limits for total mercury were incorrectly applied as a total monthly mass loading rather than a total annual mass loading as was applied in the previous Order No. 5-00-171 and as discussed in the Fact Sheet. The proposed Resolution changes the interim total mercury effluent limit to be consistent with the Fact Sheet. Finally, in order for the Discharger to properly employ clean sampling techniques for mercury monitoring, it is necessary to use grab samples. Therefore, for the total mercury and methyl mercury effluent monitoring and Title 22 metals pond influent monitoring, which includes total mercury, the sample types have been changed from 24-hour composites to grab samples.

ISSUES: None

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

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

12/13 June 2008  
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