

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT (Derek Whitworth)
MEETING DATE: July 13, 2011

ITEM **5A**

SUBJECT: **City of American Canyon, American Canyon Wastewater Treatment Facility and Its Associated Wastewater Collection System, American Canyon, Napa County - Reissuance of NPDES Permit [Derek Whitworth]**

CHRONOLOGY: June 2006 - Permit reissued

DISCUSSION: This Revised Tentative Order (Appendix A) would reissue the NPDES permit for the City of American Canyon Wastewater Treatment Facility. This facility consists of a collection system and an advanced secondary wastewater treatment plant. The plant processes both industrial and domestic wastewater from the City, which has a population of approximately 17,000.

Domestic and commercial wastewater is kept separate from the industrial wastewater stream and, after treatment and disinfection, is largely reclaimed in the dry season for irrigation. In the wet season, when it is not needed for irrigation, this water is discharged to the North Slough, which flows to the Napa River. The industrial wastewater contains salts that make it unsuitable for reclamation. After treatment and disinfection, this water is discharged, year round, either directly to the North Slough or to two constructed freshwater wetland ponds. During the dry season, treated domestic and commercial wastewater not reclaimed for irrigation is also discharged into these ponds. The wetland ponds ultimately drain into the North Slough.

We received comments from the City of American Canyon (Appendix B). Our responses (Appendix C) address all these comments. We agreed to changes that would maintain consistency with the permits for other Napa River dischargers, in terms of monitoring frequencies, requirements, and limits, and to increase the copper effluent limit based on new information so as to not disincentivize more reclamation. While we disagreed with the City's request to remove ammonia monitoring in discharge ponds, we expect this item to remain uncontested.

**RECOMMEN-
DATION:** Adopt the Revised Tentative Order

CIWQS: Place ID: 205477
Regulatory Measure No.: 379930

APPENDICES: A. Revised Tentative Order
 B. Comments Letters
 C. Responses to Comments