

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

STAFF SUMMARY REPORT (Farhad Azimzadeh)  
MEETING DATE: April 12, 2006

**ITEM** 6

**SUBJECT:** **Livermore-Amador Valley Water Management Agency (LAVWMA), Dublin San Ramon Services District (DSRSD), and City of Livermore, LAVWMA Export and Storage Facilities, Pleasanton, Alameda County - Reissuance of NPDES Permit**

**CHRONOLOGY:** May 1999 – Permit reissued

**DISCUSSION:** This item reissues the NPDES permit for the discharge of secondary treated wastewater during peak wet weather to San Lorenzo Creek and Alamo Canal. During normal conditions, DSRSD and Livermore provide treated wastewater to LAVWMA, who transports it out of the valley through pipelines for discharge through a deepwater diffuser to the San Francisco Bay under two separate NPDES permits. Those permits are scheduled for reissuance later this summer. However, during extreme storm events, the pipeline to the diffuser does not have the capacity to accommodate projected increases in flow, potentially necessitating discharge to San Lorenzo Creek or Alamo Canal.

Though the Board has permitted the two discharge points since 1985, there has been no actual discharge because of the dischargers' excellent management of their flows, and a recently completed expansion of the LAVWMA pipeline along Interstate 580. However, continued growth in the Valley will increase the likelihood for discharge in the future. Models predict discharges likely after 2023.

We received numerous comments from LAVWMA, DSRSD, Livermore, East Bay Dischargers Authority (EBDA), Alameda County Flood Control and Water Conservation District Zone 7 Water Resources Management (Zone 7), US EPA, and Alameda County Water District (ACWD). We believe that we have addressed most of the issues, some through revisions to the draft

permit distributed for public comment. Two significant issues remain.

First, DSRSD and City of Livermore object to being named as dischargers in the permit along with LAVWMA. We believe this is necessary because DSRSD and Livermore each operate the treatment plants that provide wastewater to LAVWMA, and have primary control over the quality of the treated wastewater proposed for this discharge. Also, DSRSD and Livermore own storage facilities that they must manage properly to reduce the potential of discharge.

Second, LAVWMA, along with DSRSD, Livermore, and EBDA, disagree with the Basin Plan's beneficial use designation of groundwater recharge from water in Alamo Canal during extreme storm events. We agree that there may be some question as to the extent of recharge during extreme wet weather, but disagree with deleting the beneficial use. Staff from the ACWD also indicate that there is some recharge to groundwater in Alameda Creek, which Alamo Canal drains into (see Comment 44 in Appendix C). As such, we revised the draft permit to require delineation of the rate and extent of groundwater recharge during the extreme storm events that may result in actual discharge to Alamo Canal.

The attached Revised Tentative Order (Appendix A) reflects all revisions made in response to comments.

RECOMMEN-  
DATION:

Adoption of the Revised Tentative Order

File No.

2199.9129

APPENDICES:

A - Revised Tentative Order

B – Correspondence

C – Response to Comments

**APPENDIX A**

**REVISED**

**TENTATIVE ORDER**

**APPENDIX B**

**CORRESPONDENCE**

## **APPENDIX C**

### **RESPONSE TO COMMENTS**