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

STAFF SUMMARY REPORT (Marcia Liao)
MEETING DATE: September 10, 2014

ITEM: **7**

SUBJECT: **City of Sunnyvale, Sunnyvale Water Pollution Control Plant and Wastewater Collection System, Sunnyvale**, **Santa Clara County** – Reissuance of NPDES Permit

CHRONOLOGY: August 2009 – Permit reissued

DISCUSSION: The attached Revised Tentative Order (Appendix A) would reissue the NPDES permit for the City of Sunnyvale's 29.5 million-gallon-per-day advanced secondary wastewater treatment plant and collection system. The plant serves about 146,000 people in Sunnyvale, Rancho Rinconada, and Moffett Field. The City recycles up to 10 percent of its treated wastewater and discharges the remainder to Moffett Channel, which is tributary to South San Francisco Bay via Guadalupe Slough.

The Revised Tentative Order would update discharge limits including more stringent limits for cyanide, copper, and nickel. Past discharge quality indicates that the City should be able to comply.

The City and the Bay Area Clean Water Agencies submitted comments (Appendix B) on a draft order circulated for review. We prepared a Response to Comments (Appendix C) and revised the draft order where appropriate. Substantial comments related to receiving water monitoring and chlorine residual sampling. Our proposed revisions would call for a more focused study to occur in the vicinity of a Regional Monitoring Program (RMP) station. They would also allow the City to conduct the monitoring on its own, to rely on the RMP, or to propose an alternative approach that serves the same purpose. We clarified chlorine residual sampling requirements to ensure valid monitoring results are reported while minimizing the reporting burden. While we feel we have resolved the City's concerns, City representatives may testify at the hearing.

RECOMMEN-DATION: Adopt the Revised Tentative Order

CIWQS: Place ID 259507

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