

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

STAFF SUMMARY REPORT
STAFF: Richard J. Condit
MEETING DATE: January 21, 2004

ITEM: 6A

SUBJECT: **PRESIDIO TRUST OF SAN FRANCISCO, CITY AND COUNTY OF
SAN FRANCISCO** – Issuance of Water Reuse Requirements

DISCUSSION: The Presidio of San Francisco (Presidio), is being converted from a U.S. Army base to a national park site. The Presidio abuts the Pacific Ocean and San Francisco Bay, at the northwestern tip of the San Francisco peninsula, just south of the Golden Gate Bridge. The Presidio Trust (Trust) administers and manages the 1,168-acre inland area of the Presidio, known as Area B. The National Park Service (NPS) administers and manages the 323-acre shoreline area of the Presidio, or Area A, which includes Crissy Field and the newly restored Crissy Marsh.

Wastewater generated at the Presidio will be treated and disinfected at a new tertiary recycled water treatment plant. The new state-of-the-art recycled water treatment plant will produce disinfected tertiary recycled water suitable for “unrestricted” irrigation reuse in accordance with current California Water Recycling Criteria. The recycled water treatment plant will utilize a micro-filtration membrane bioreactor and ultraviolet light (UV) irradiation for primary disinfection.

The purpose of the proposed project is to reduce potable water demand and the amount of potable water consumed for non-potable uses (i.e. landscape irrigation) at the Presidio. An additional objective is to reduce wastewater flows entering the City and County of San Francisco’s combined sewer system and in particular reduce the Presidio’s contribution to cumulative flows affecting the City’s Southwest Water Pollution Control Plant.

The Trust will produce and distribute recycled water to designated Recycled Water Use Areas. Phase 1 of the recycled water project will produce up to 200,000 gallons per day (gpd) for use at the Letterman Digital Arts Center site in Area B and Crissy Field in Area A. The Crissy Field designated Recycled Water Reuse Area distribution system will be operated and maintained by the NPS pursuant to a user agreement with the Trust. Phase 2 of the project will eventually increase recycled water flows up to 500,000 gpd and serve other designated water reuse areas of the Presidio in Area B.

RECOMMEN-
DATION: Adoption of the Tentative Water Reuse Requirements (Appendix A)

File No. 2169.6056 (RJC)

Appendices:

- A. Tentative Order
- B. Self-Monitoring Program