CHAPTER 10
Relationship of Short-Term Uses and Long-Term Productivity

NEPA Section 102(2)(c)(iv) and 40 CFR 1502.16 requires that an EIS include a discussion of the relationship between short-term uses of the environment and the maintenance and enhancement of long-term productivity. This chapter describes how the Proposed Action would affect the short-term use and the long-term productivity of the environment.

In reference to the Proposed Action, "short-term" refers to the temporary phase of construction of the proposed project, while "long-term" refers to the operational life of the proposed project and beyond. **Chapter 3** of this EIR/EIS evaluates the short-term and long-term effects that could result from the Proposed Action.

Construction of the Proposed Action would result in short-term construction-related impacts such as interference with local traffic and circulation, limited air emissions, increase in ambient noise levels, dust generation, disturbance of wildlife, increased storm runoff, and disturbance of recreational and other public facilities. These impacts would be temporary and would occur only during construction, and are not expected to alter the long-term productivity of the natural environment.

The Proposed Action would assist in the long-term productivity of the North Bay Region's urban, agricultural, and habitat uses by improving the reliability of the water supplies in the action area through the offset of potable water sources that are used for irrigation. It would assist in the long-term productivity of the environment by reducing discharge into the San Pablo Bay and recovering highly treated wastewater prior to its discharge and recycling that water for irrigation. The Proposed Action would also result in enhancing the long-term productivity of the Napa-Sonoma Salt Marsh ponds by providing a clean, reliable water supply to reduce the salinity of the ponds. These long-term beneficial effects of the Proposed Action would outweigh the potentially significant, but mitigable short-term impacts to the environment resulting primarily from project construction.