

## Chapter 9 Implementation Plan

The process for implementing the Salt and Nutrient Management Plan is outlined below. After finalizing this Plan, implementation steps related to salt and nutrient program management and groundwater monitoring can be initiated.

As discussed in Chapter 5, development and implementation of new BMPs is not included at this time due to a combination of only modest estimated increases in TDS and nitrate concentrations in the future and the scheduled completion of the significant study and groundwater model by the USGS that will provide additional technical tools needed to develop effective and accepted BMPs. This Plan anticipates continued implementation of BMPs that are already in place in the subbasin. Development and implementation of new BMPs should be considered during future updates, utilizing the results of the USGS work and the results of monitoring developed through this Plan.

### 9.1 Salt and Nutrient Program Management

As lead agency for development of this Plan, the City will continue to manage the Plan implementation items and plan updates. Coordination will include overseeing the monitoring program, collecting monitoring data, data assembly and reporting, and updating the Plan on a five-year basis. As part of the Plan update, close coordination is needed with the Groundwater Management Planning effort being conducted in the Santa Rosa Plain. At a minimum, the Plan update will integrate the USGS basin characterization and flow regimes into the existing antidegradation analysis.

### 9.2 Groundwater Monitoring

Guidance and criteria for monitoring have been established in Chapter 9 - Groundwater Monitoring Plan. The next steps will be to develop a formal sampling plan with detailed sampling procedures and determine locations for installation of the potential, additional shallow monitoring wells. A Groundwater Well Installation Plan will be developed and can be coordinated with the Santa Rosa Plain Groundwater Management Program so that the shallow wells serve multiple monitoring purposes.

Municipal wells owners will be asked to sample their wells consistent with Chapter 9 and with a schedule and sampling and reporting requirements to be developed by the City. The responsible party and cost share for installing the proposed new, shallow monitoring wells and monitoring of those wells has not been determined at this time.