

Figure 1-1: Landsat 7 Image of San Francisco Bay Area



Figure 1-2: Coyote Watershed (SCVWD, 2005)



Figure 1-3: Santa Clara County Topography
(From SCVWD, 2000)



Figure 1-4: Oblique View of Coyote Valley from Tulare Hill Looking South



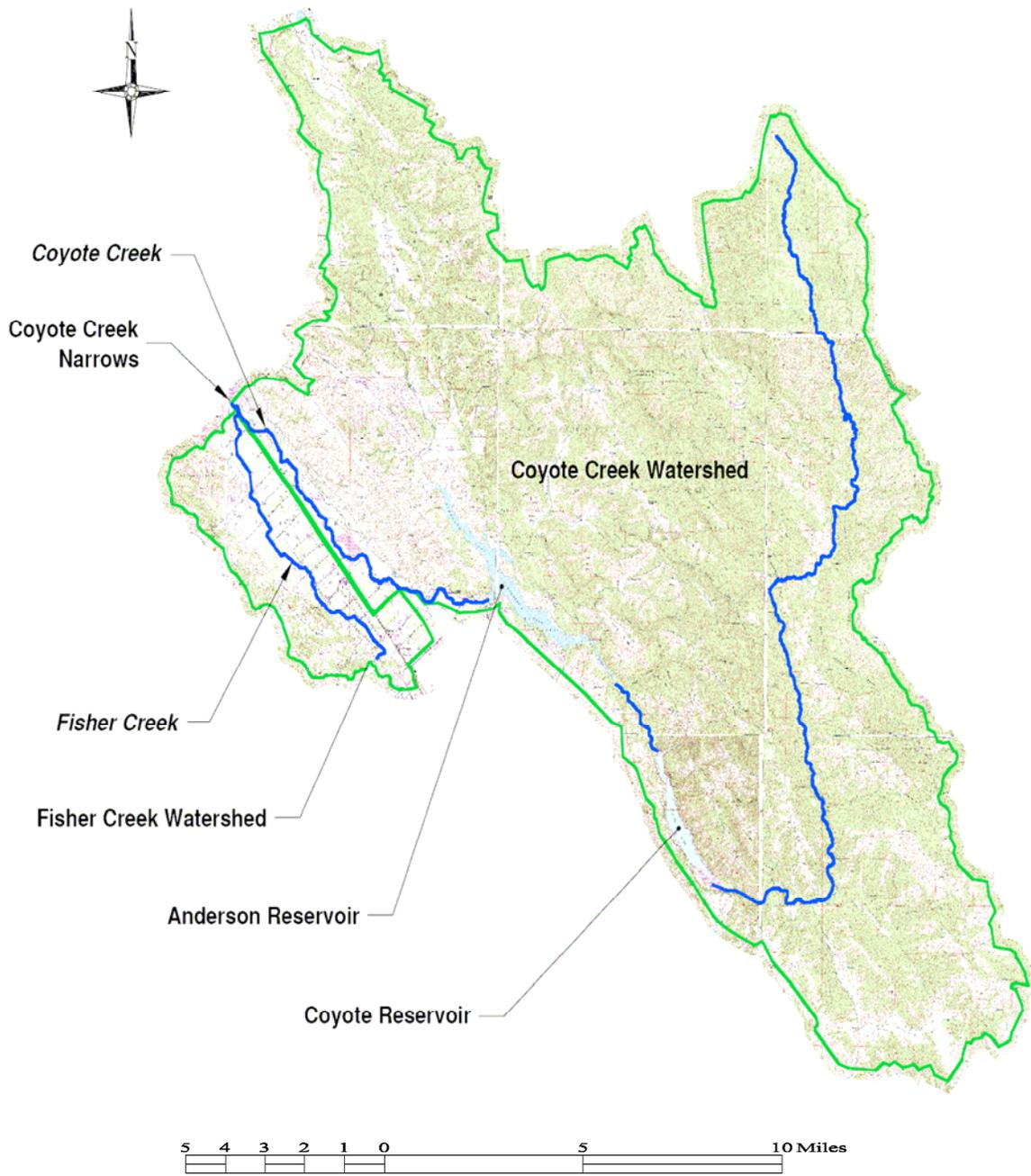


Figure 1-6: Coyote and Fisher Creek Watersheds at the Narrows

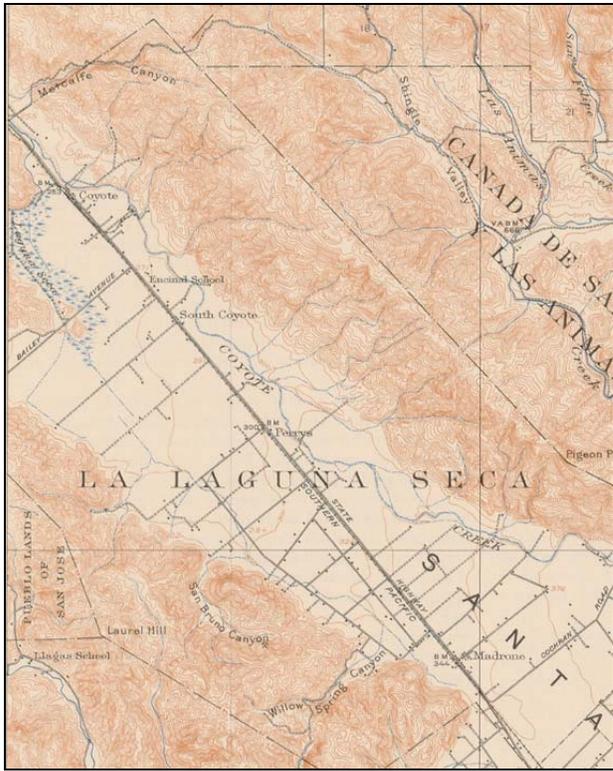


Figure 1-7: Laguna Seca (USGS, 1917)

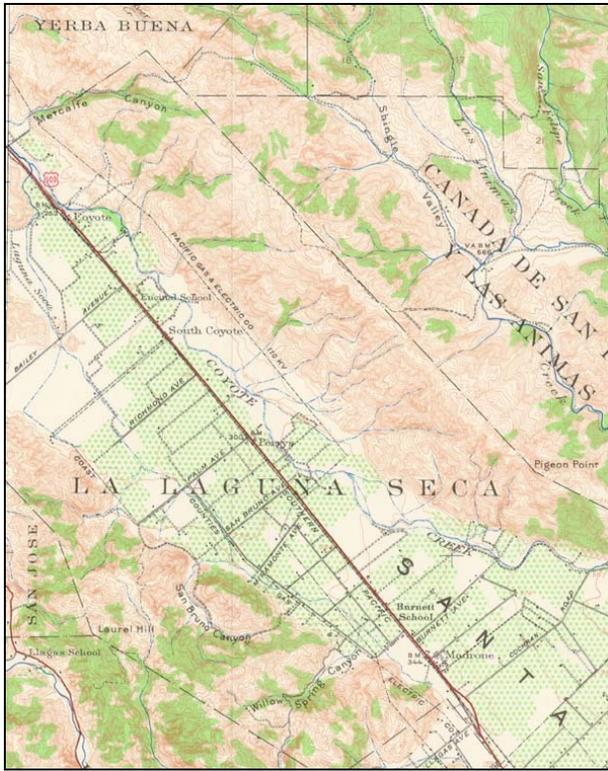


Figure 1-8: Laguna Seca (USACE, 1939)

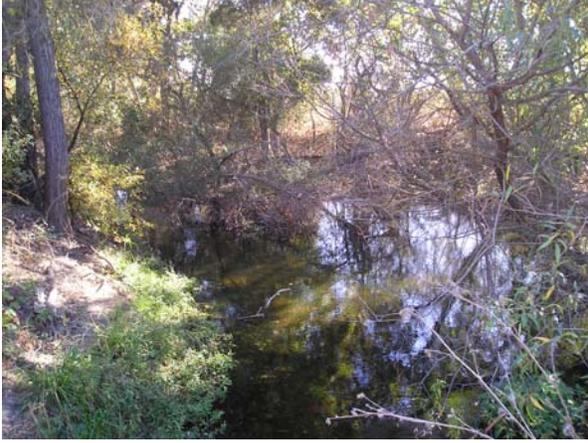


Figure 1-9: Coyote Creek at Golf Course



Figure 1-10: Coyote Creek Steel Dam



Figure 1-11: Coyote Creek at Metcalf Ponds



Figure 1-12: Fisher Creek Downstream of Madrone Ave.



Figure 1-13: Fisher Creek in Greenbelt



Winter



Summer

Figure 1-14: Laguna Seca in North Coyote Valley



Figure 1-15: Oak and Grass Ground Cover

Coyote Creek Near Madrone, CA
(USGS Gage 11170000)

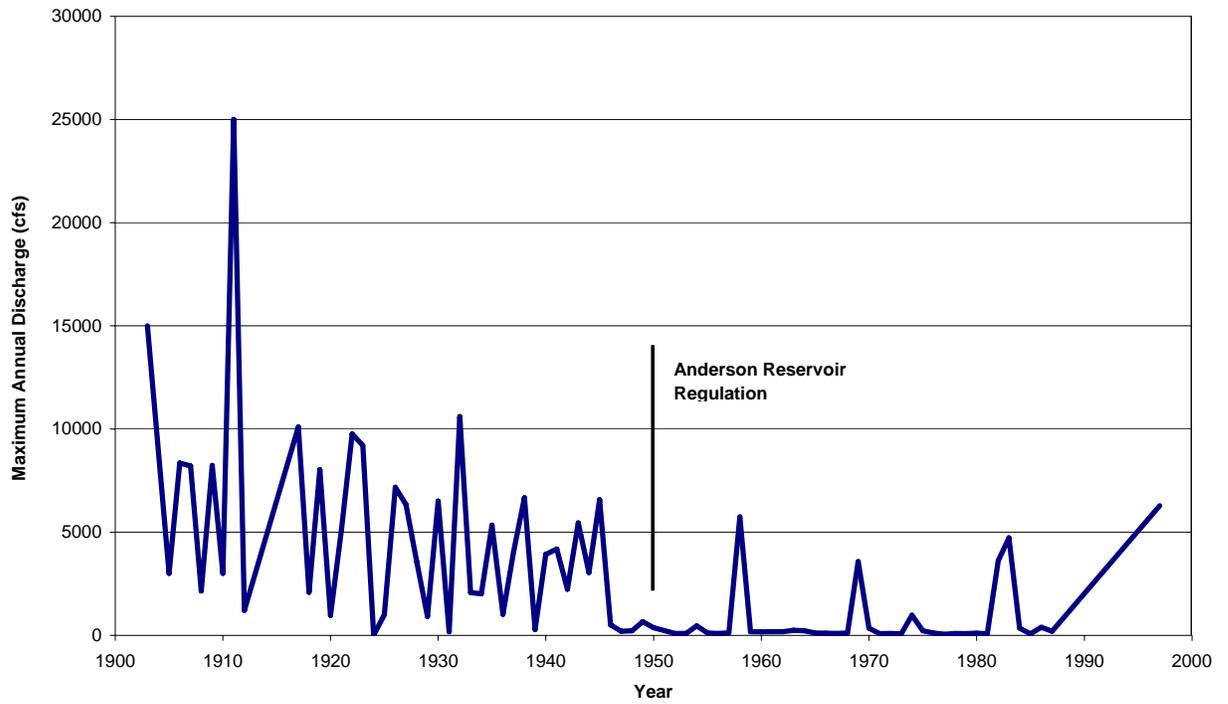


Figure 1-17: Historic Annual Maxima of Coyote Creek Discharge Near Madrone

Coyote Creek 100-year 72-hour Discharge

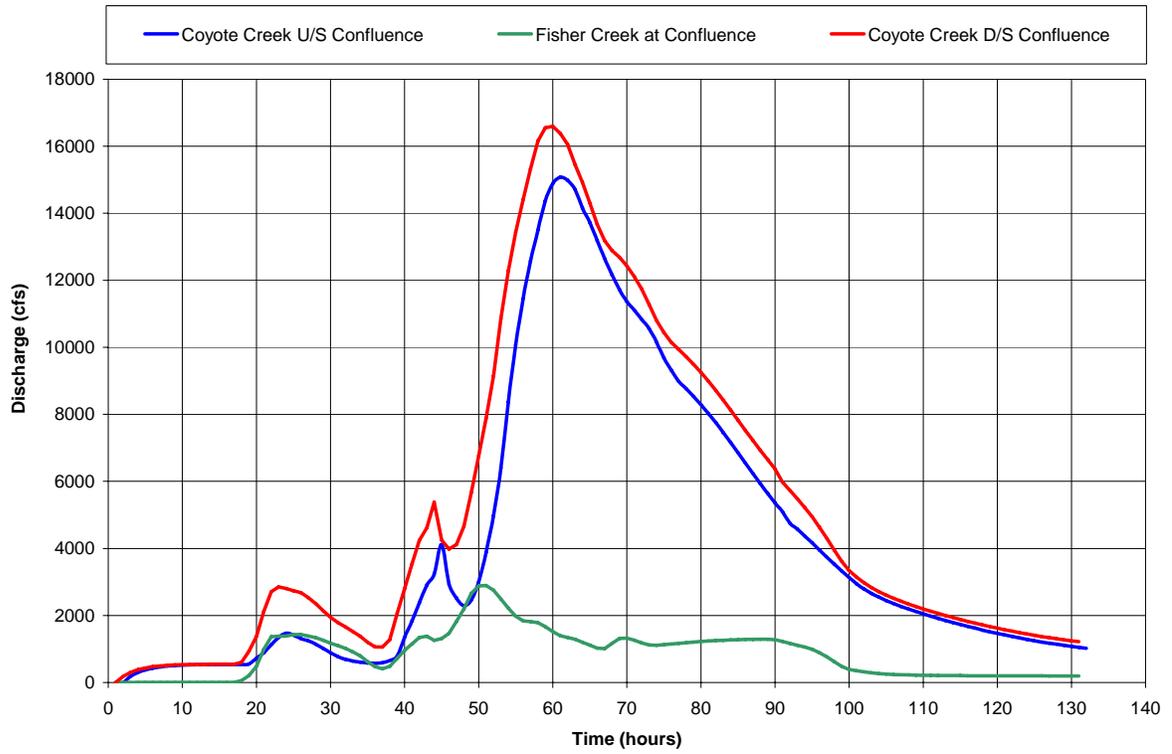


Figure 1-18: Coyote Creek and Fisher Creek Discharge at Narrows Confluence

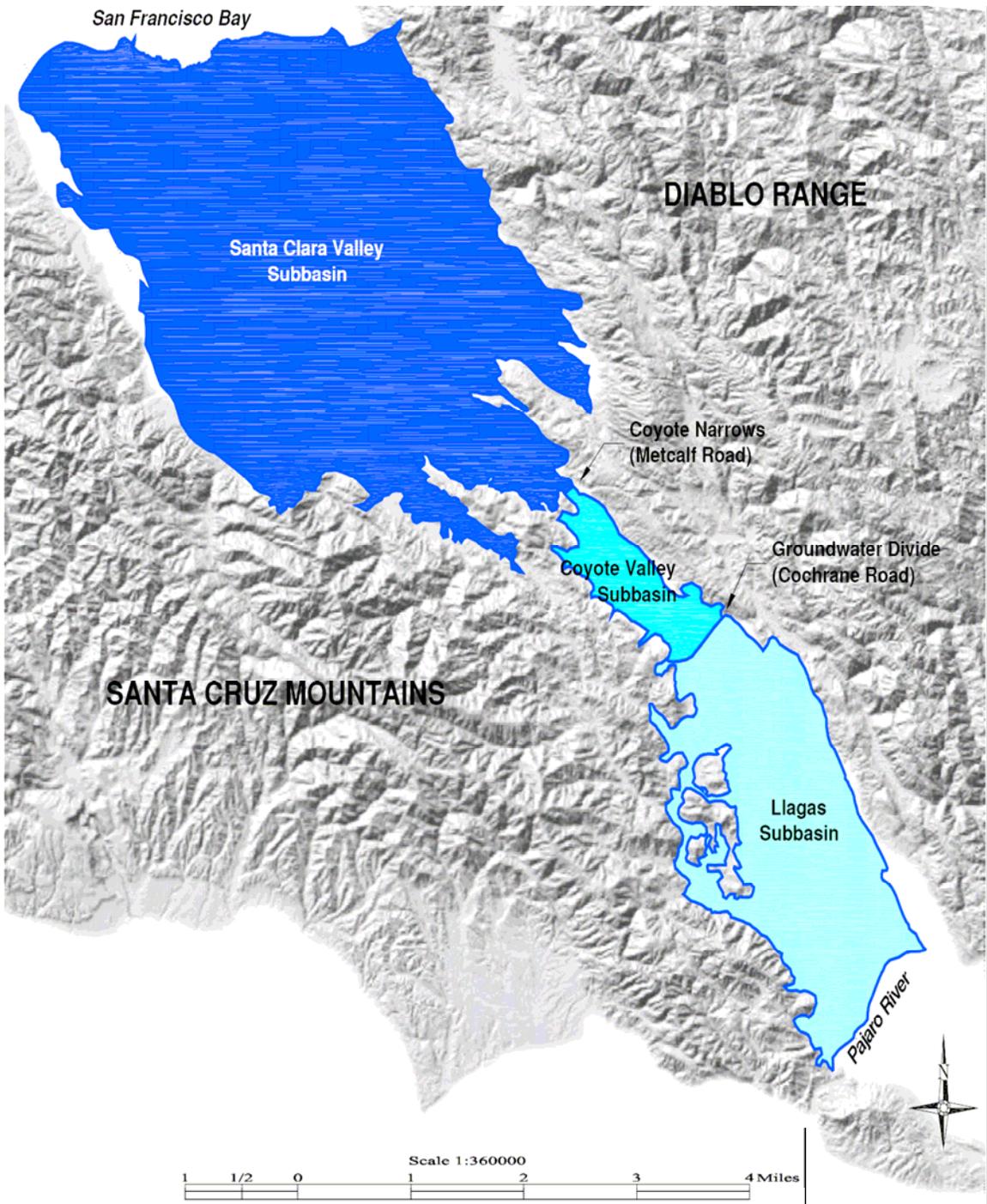


Figure 1-19: Coyote Groundwater Sub-basin

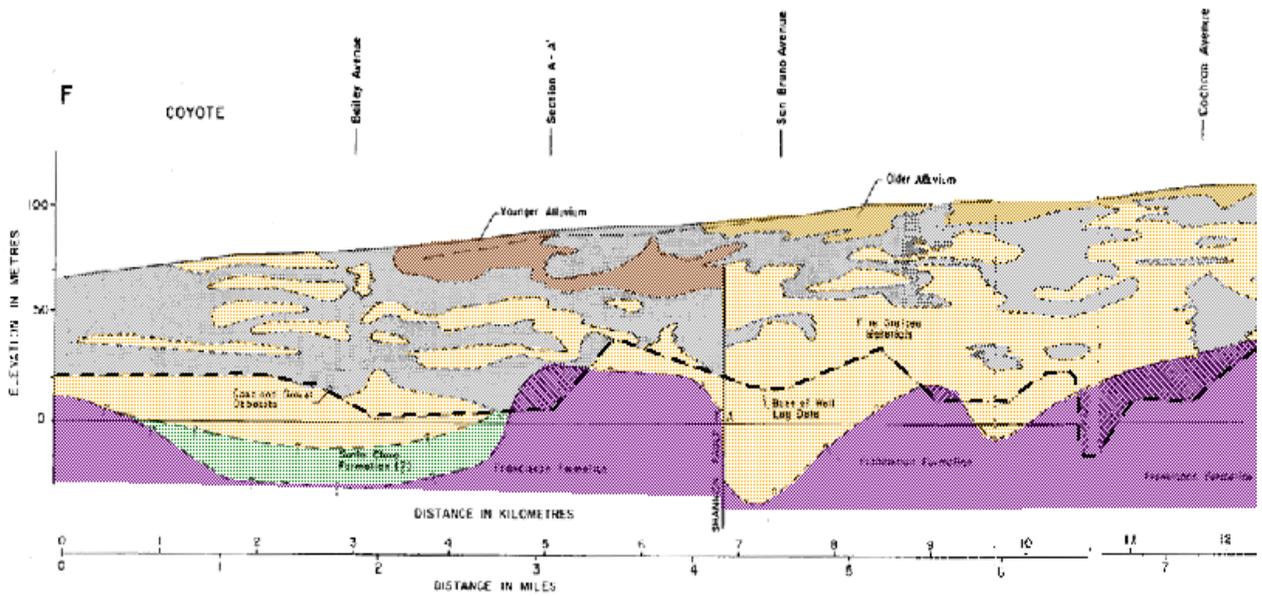
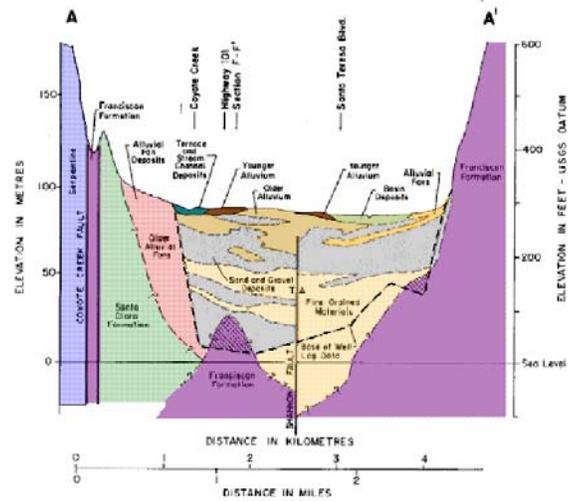
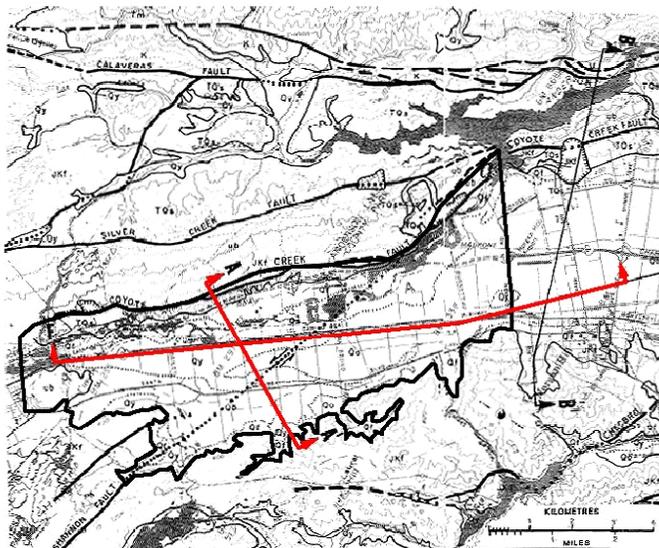


Figure 1-20: Aerial and Cross Sectional Geology of Coyote Valley

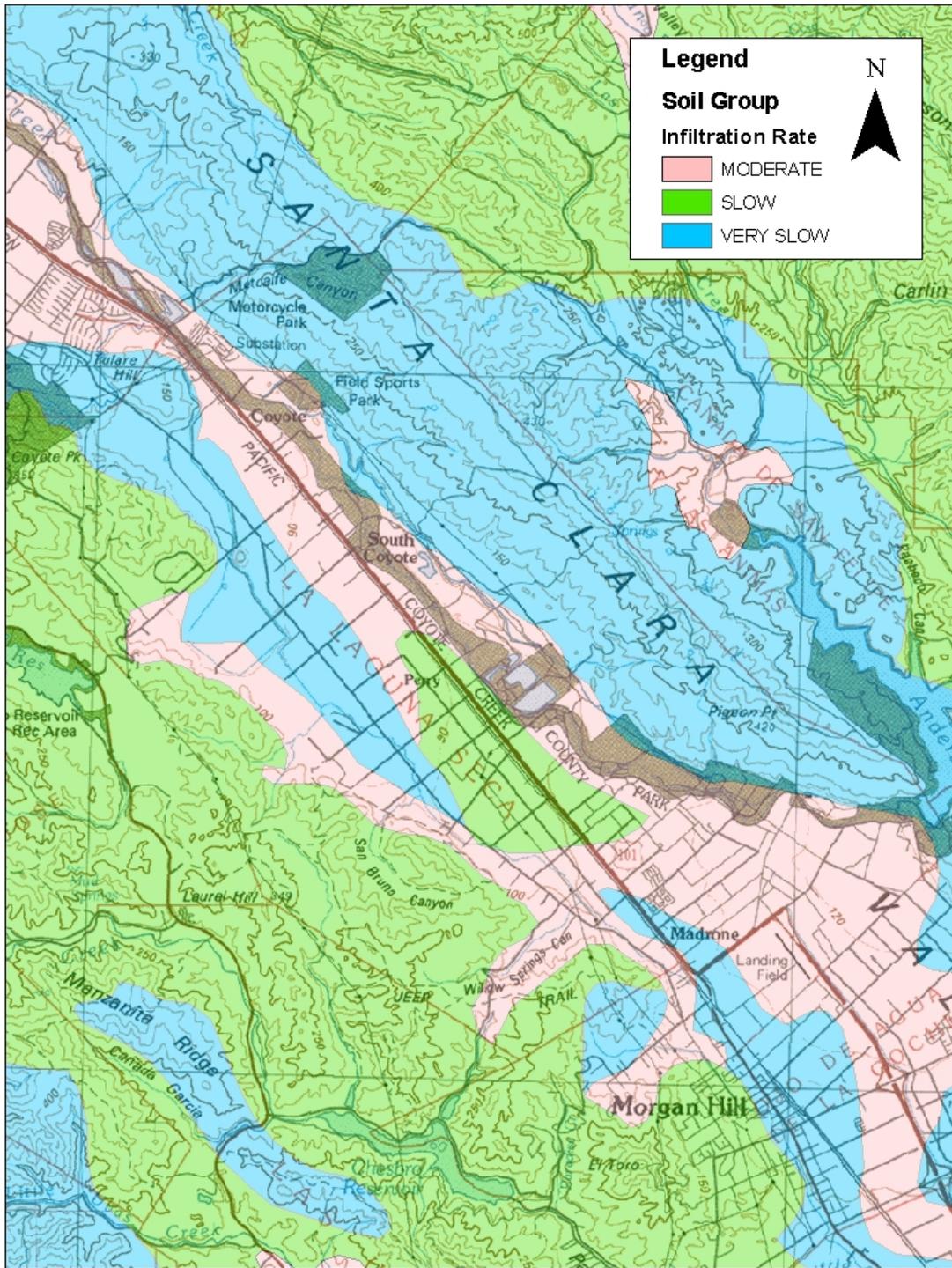


Figure 1-21: General Soil Permeability in Coyote Valley

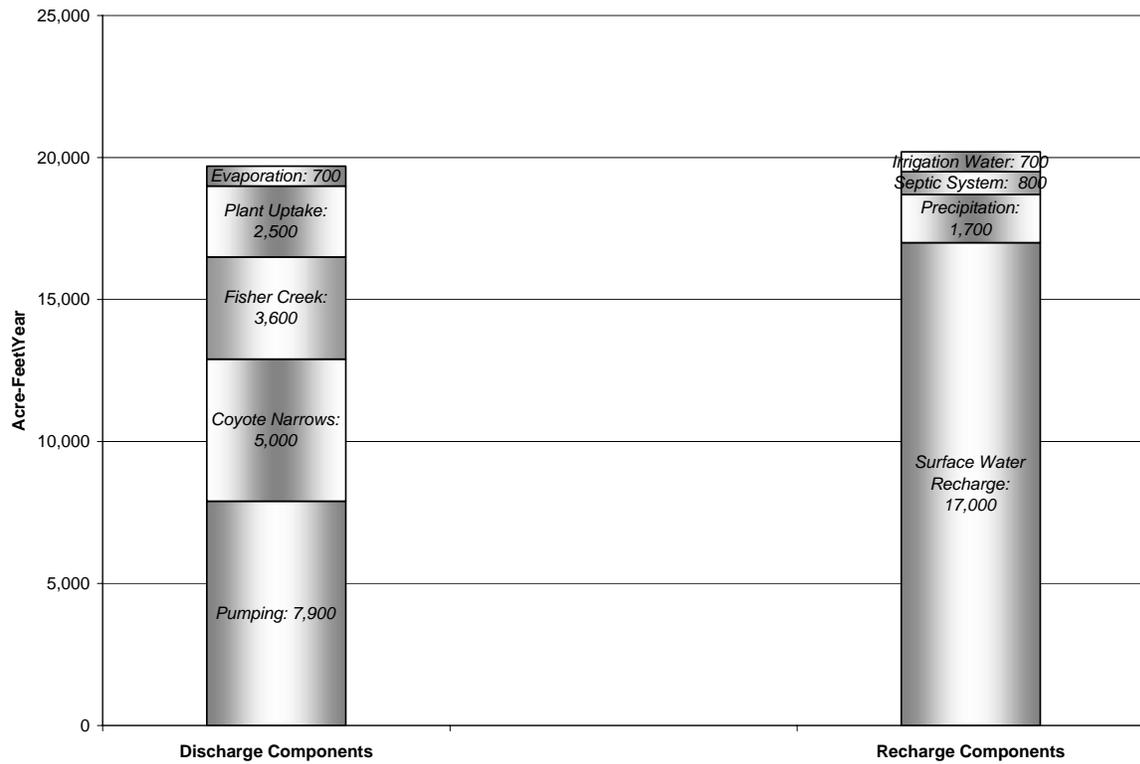


Figure 1-22: Coyote Valley Groundwater Budget (CH2M-Hill, 2000)

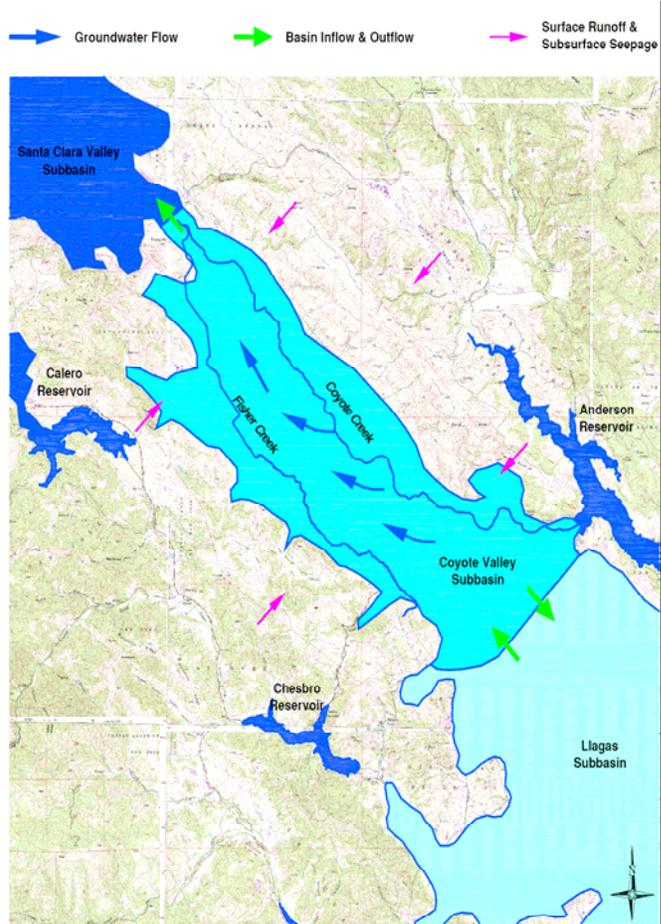


Figure 1-24: Recharge in Coyote Valley

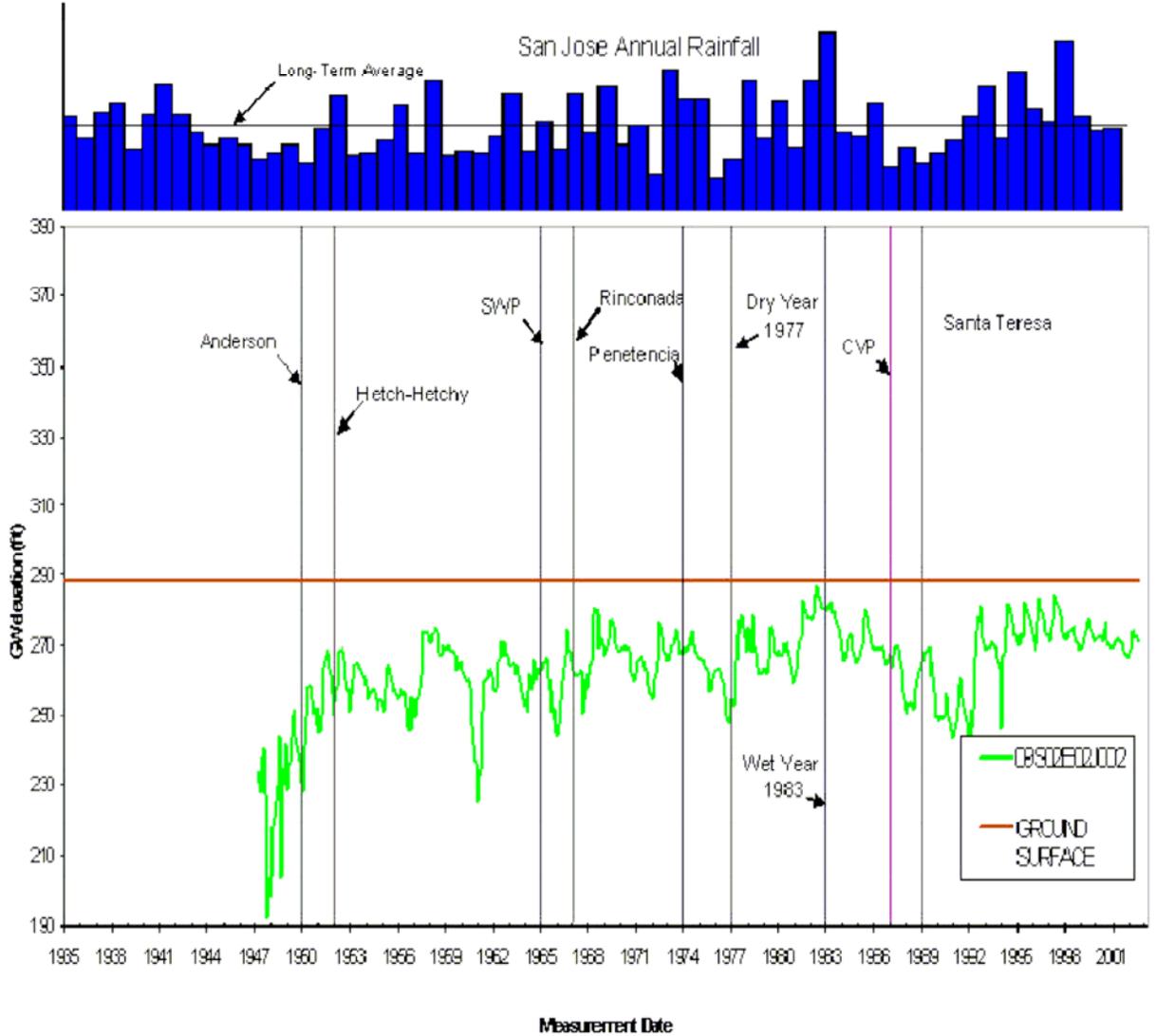


Figure 1-25: Historic Groundwater Levels in Coyote Valley

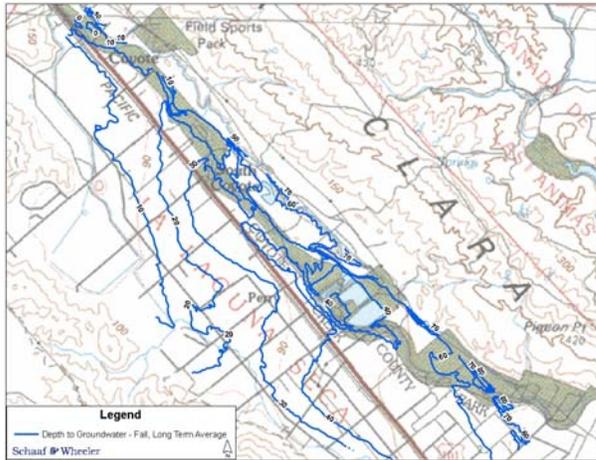


Figure 1-26: Avg. Depth to Groundwater in Fall

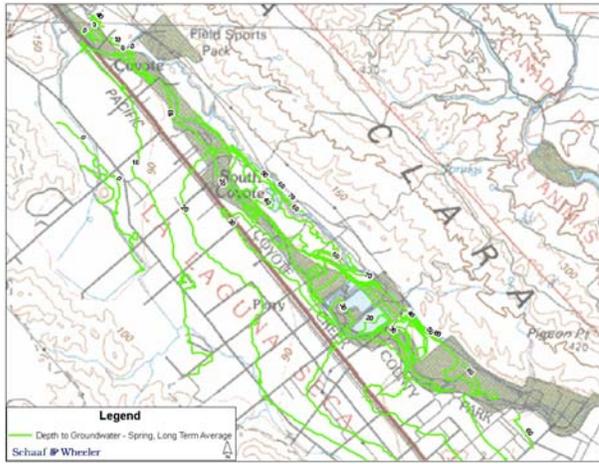


Figure 1-27: Avg. Depth to Groundwater in Spring

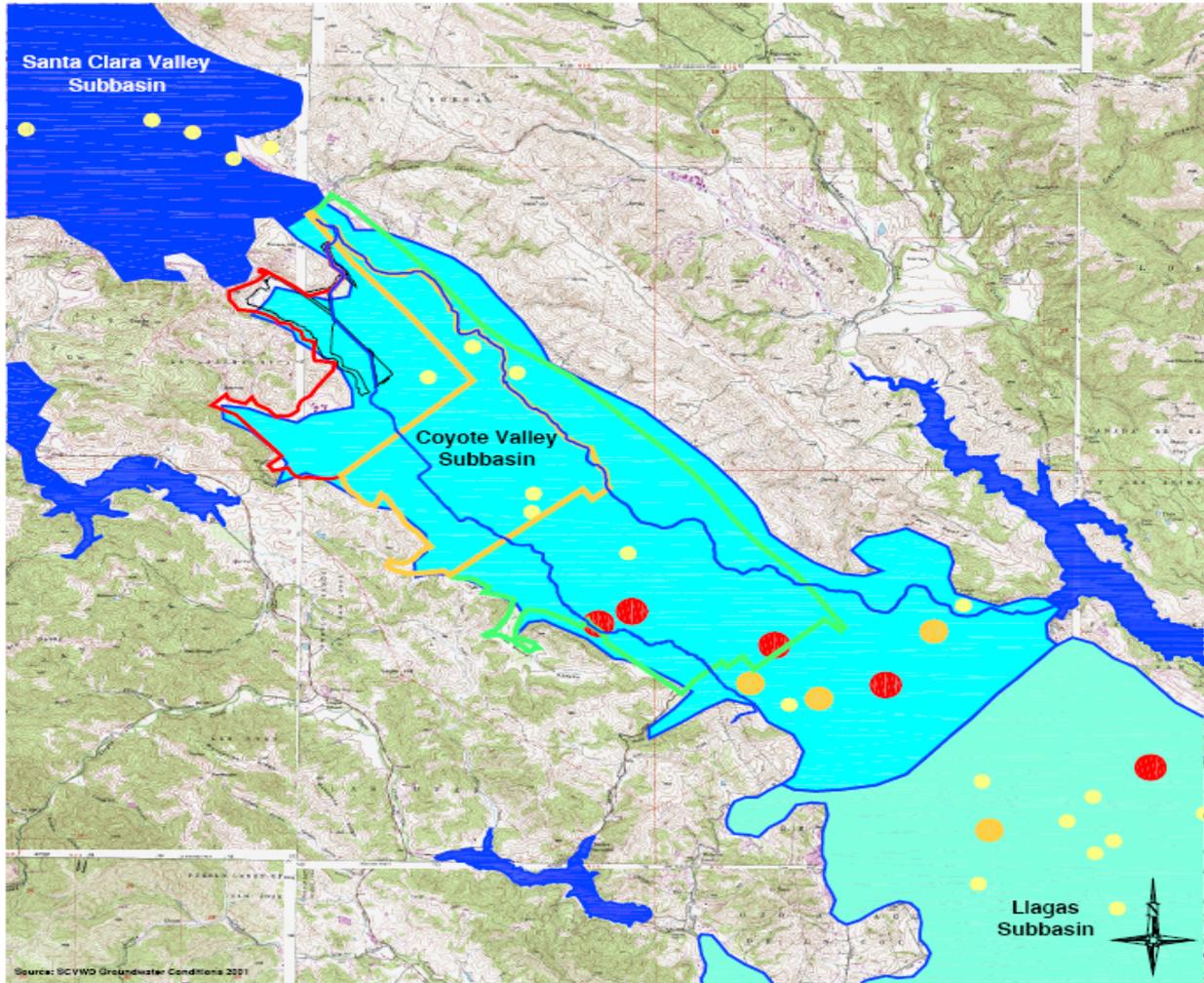
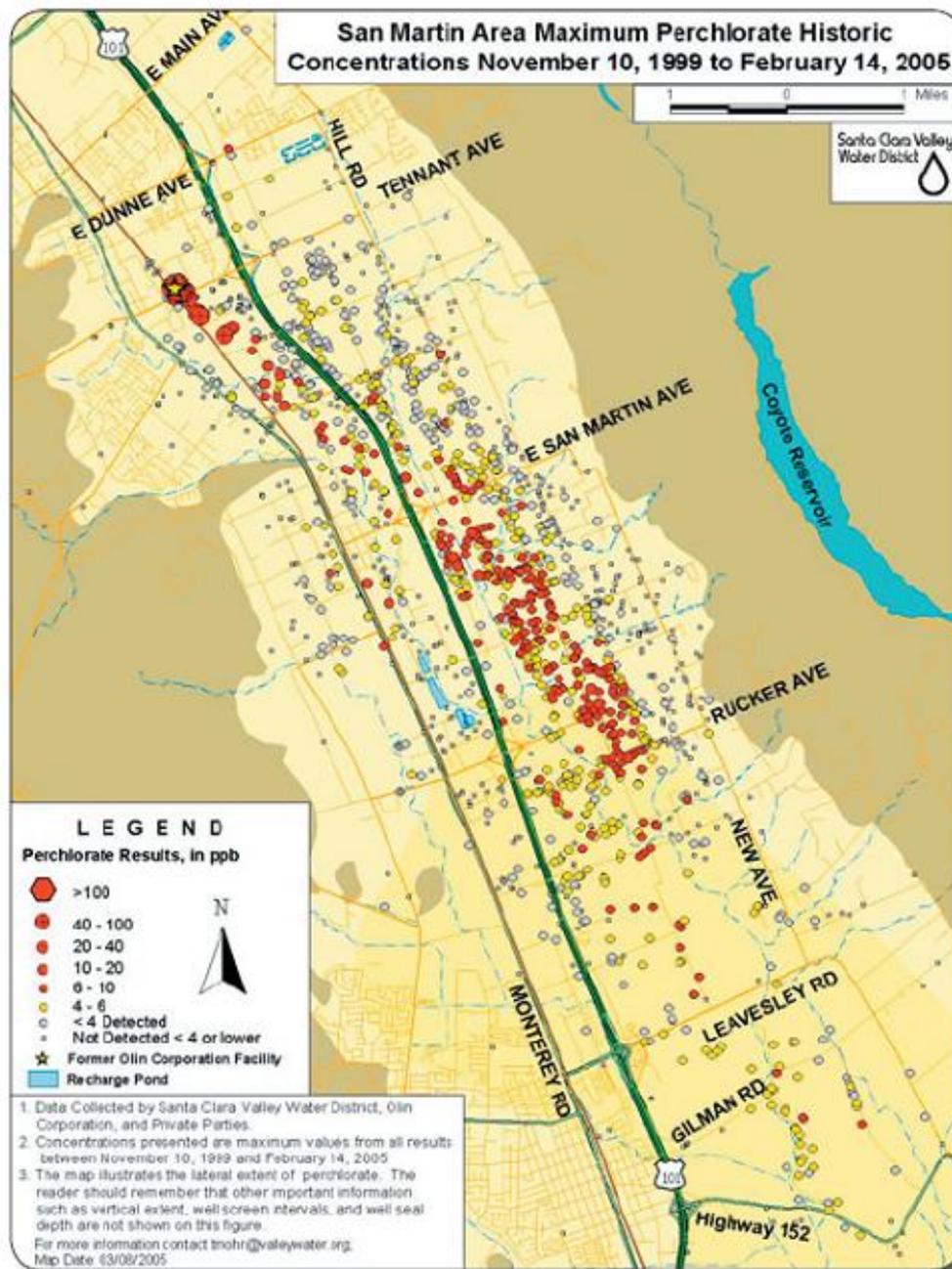


Figure 1-31: Nitrate Concentrations (mg/l) in and Near Coyote Valley



Groundwater testing results through February 14, 2005

Figure 1-32: Perchlorate Concentrations (ppb) in Llagas Sub-basin¹

¹ SCVWD, Fact Sheet: "Perchlorate Contamination in the Groundwater of Southern Santa Clara County," April 2005.

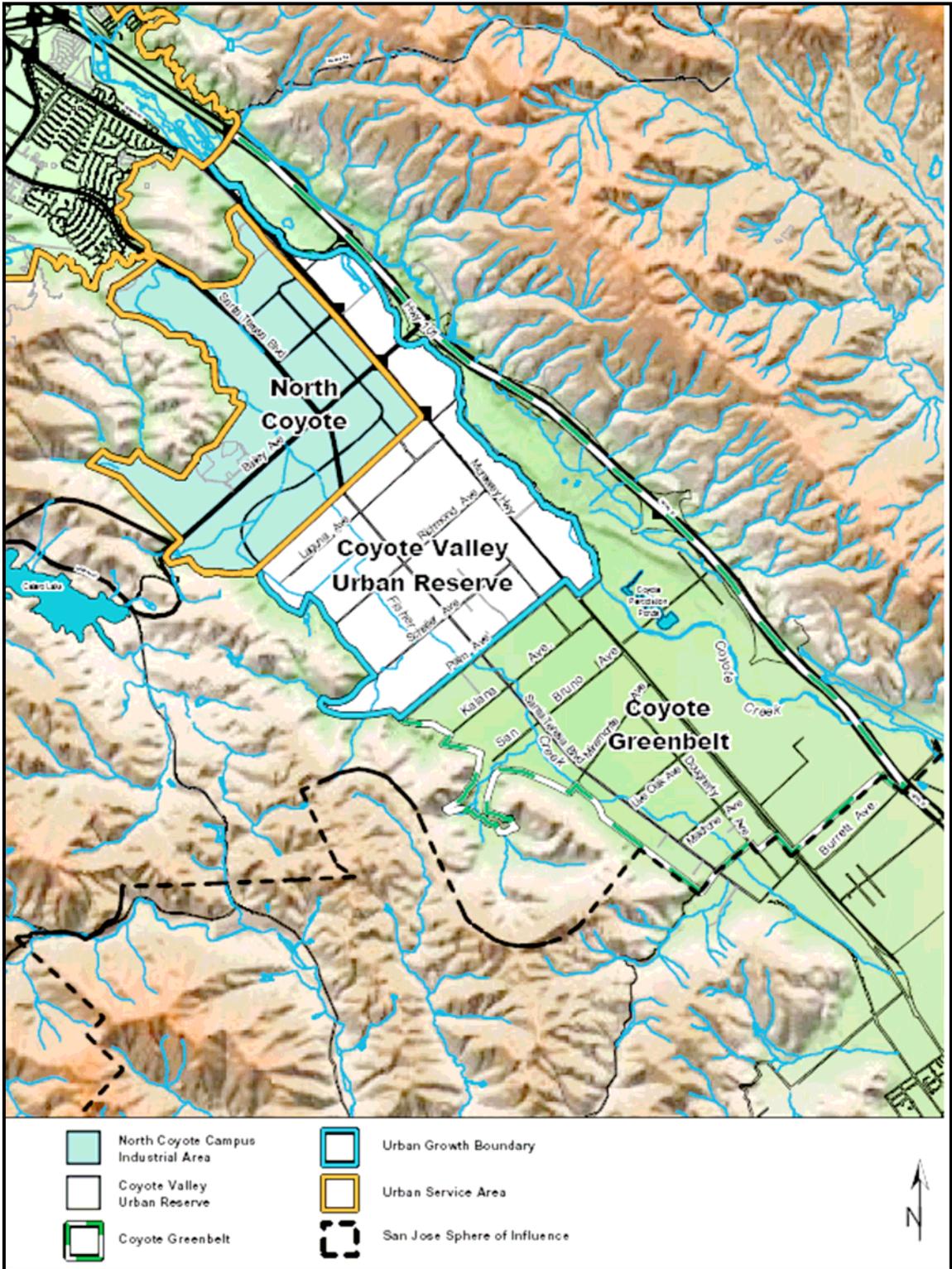


Figure 2-1: General Land Use Designations in Coyote Valley (source: CVSP Project Description)

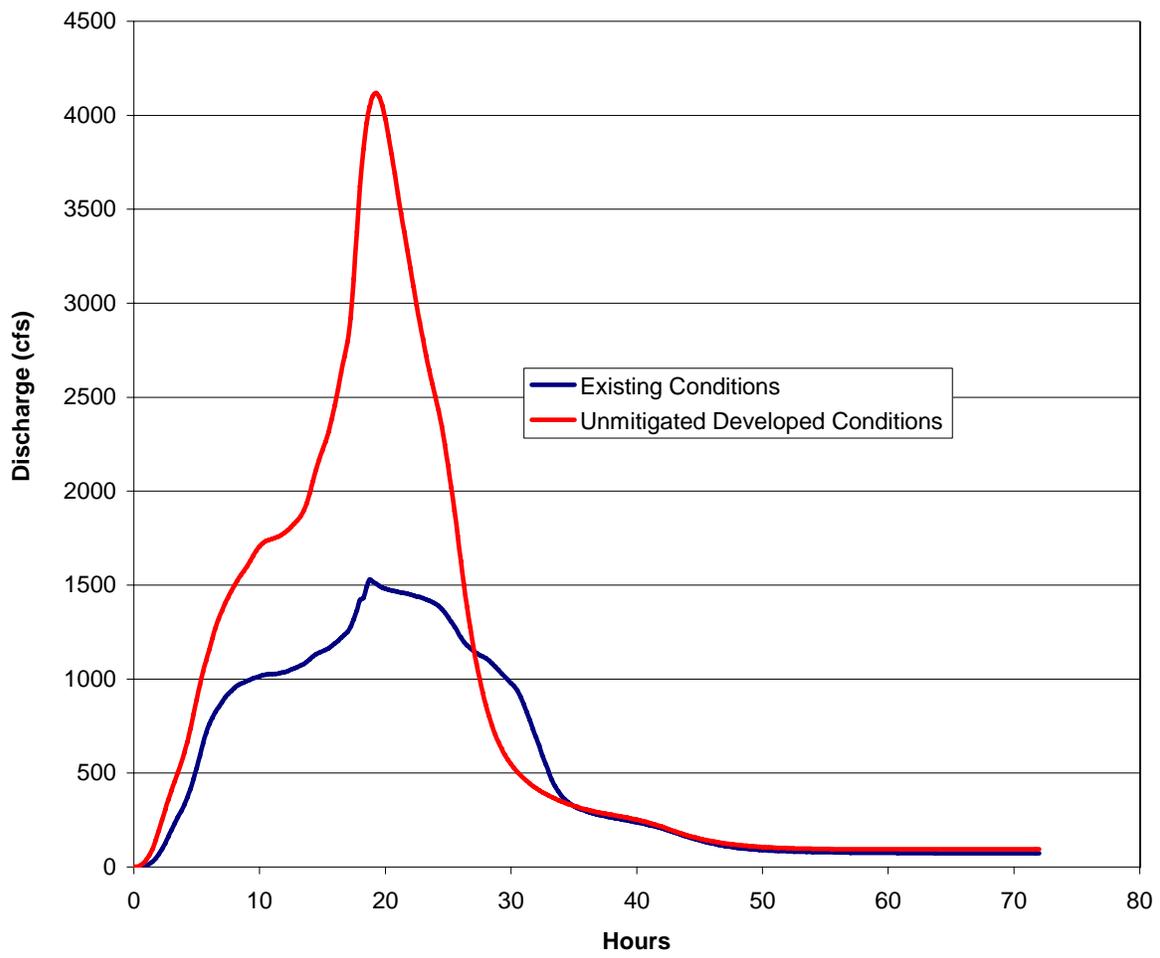


Figure 2-3: Fisher Creek Discharge at Coyote Creek Confluence

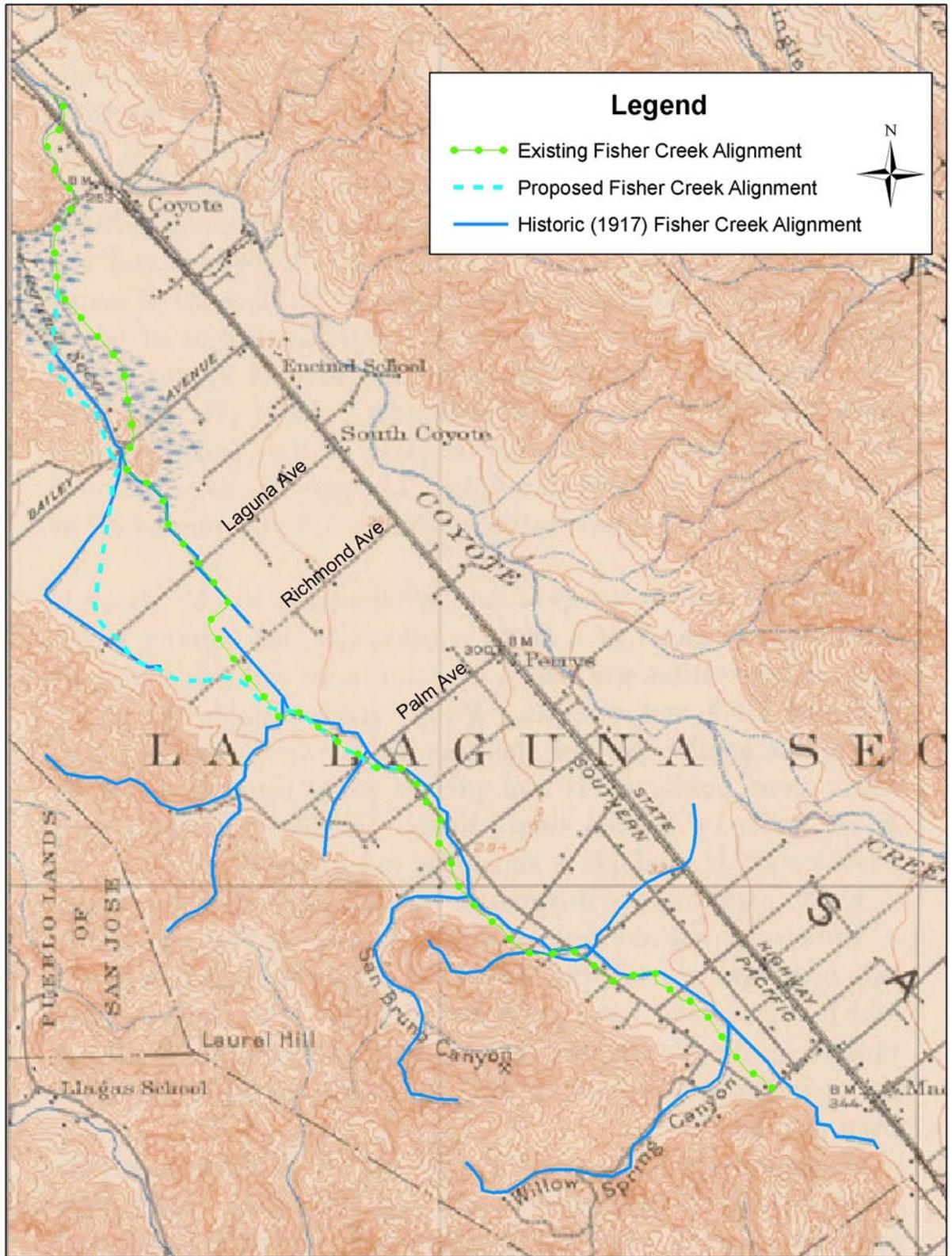


Figure 2-6: Proposed Restoration of Fisher Creek

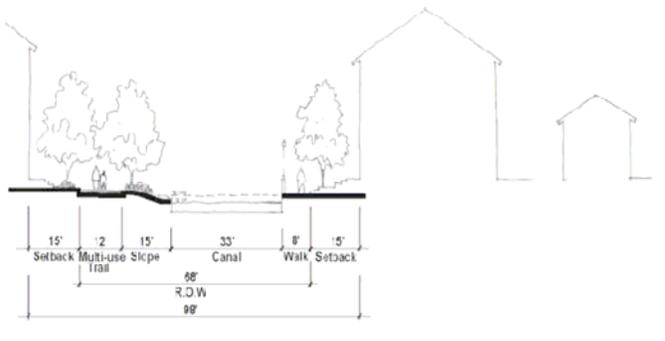


Figure 2-7: Urban Canal Cross Section

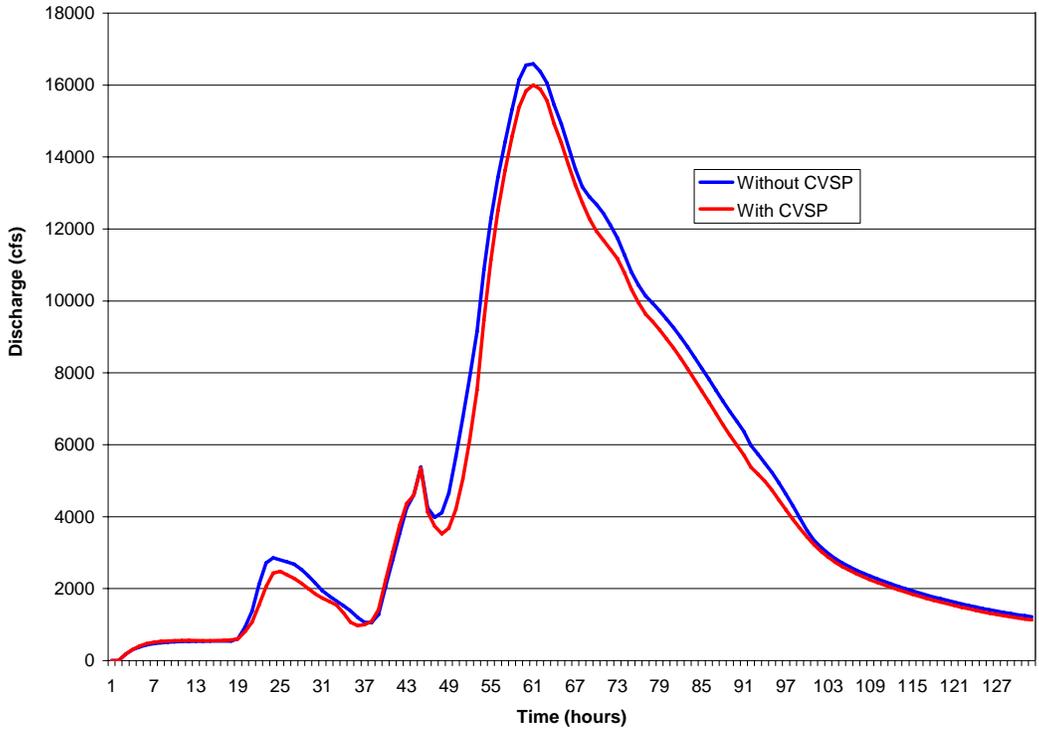


Figure 2-8: Impact of CVSP on Coyote Creek Hydrograph Downstream of Fisher Creek



Figure 2-9: William Street Park after 1997 Flood.

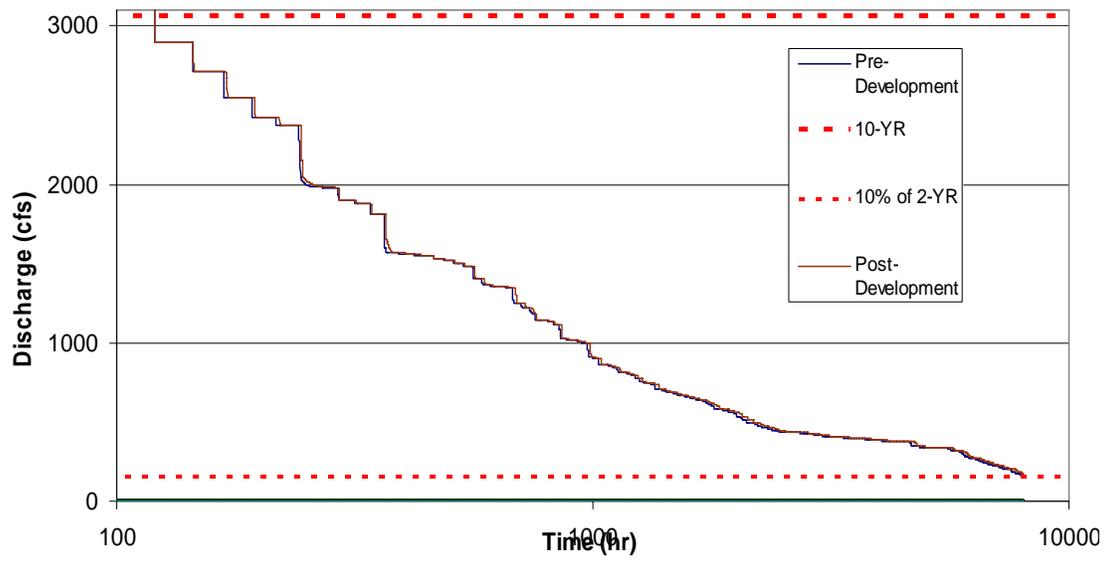


Figure 2-10: HMP Flow Duration Curves for Coyote Creek D/S Fisher Creek.

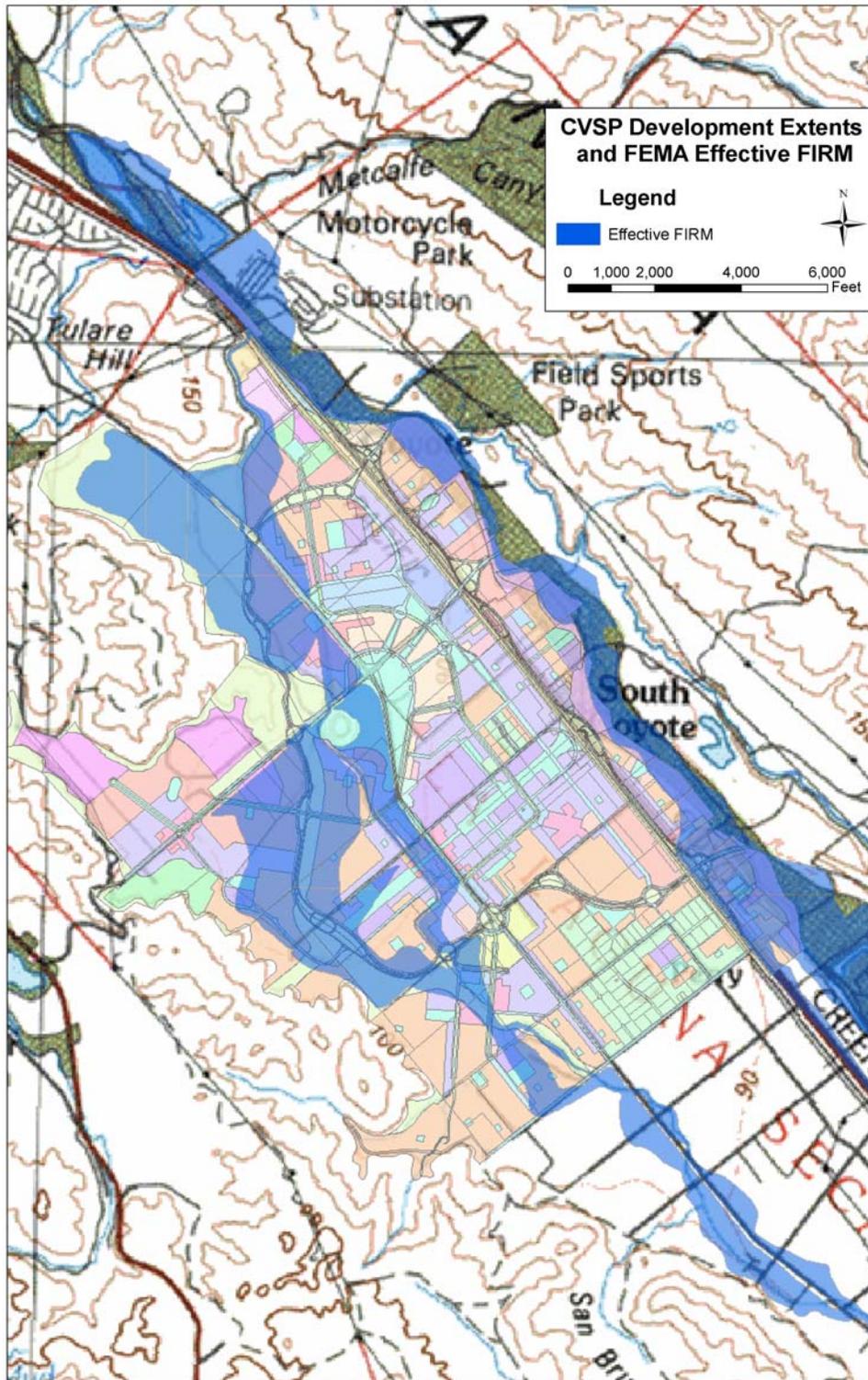


Figure 2-11: Effective Regulatory Fisher Creek and Coyote Creek Floodplains

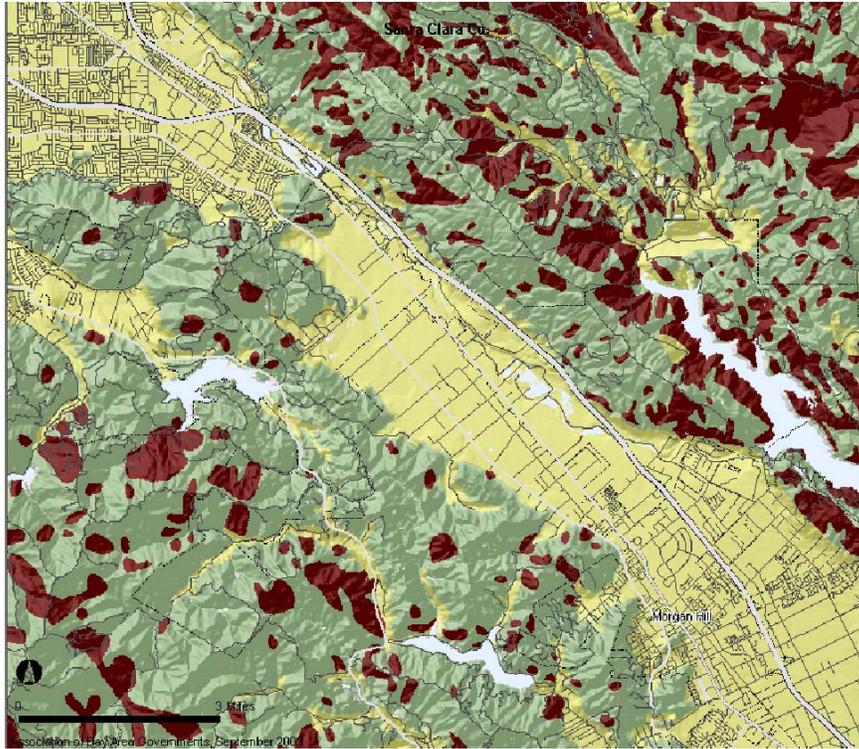


Figure 2-12: Identified Landslide Areas within Vicinity of Coyote Valley (ABAG, 2006)

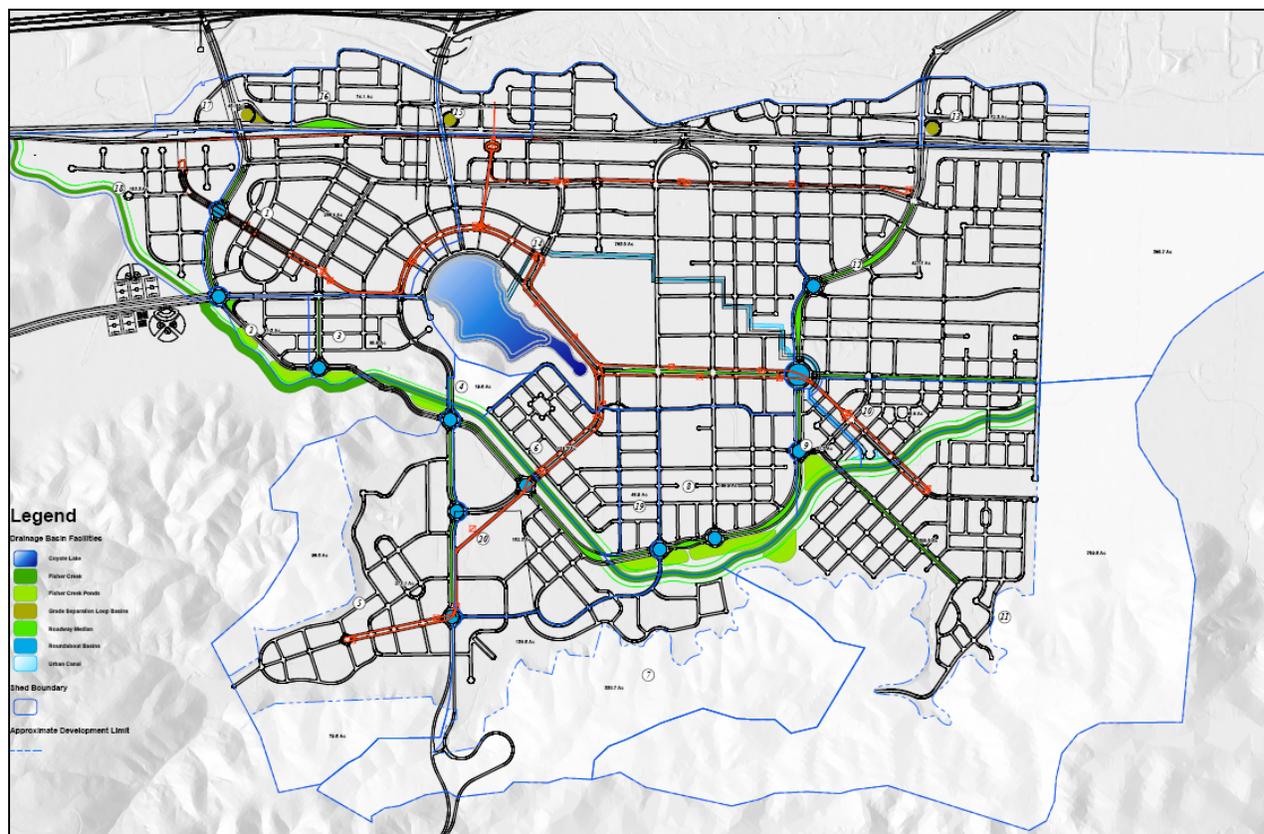


Figure 3-1: Conceptual Drainage Layout with C.3 Basins for CVSP

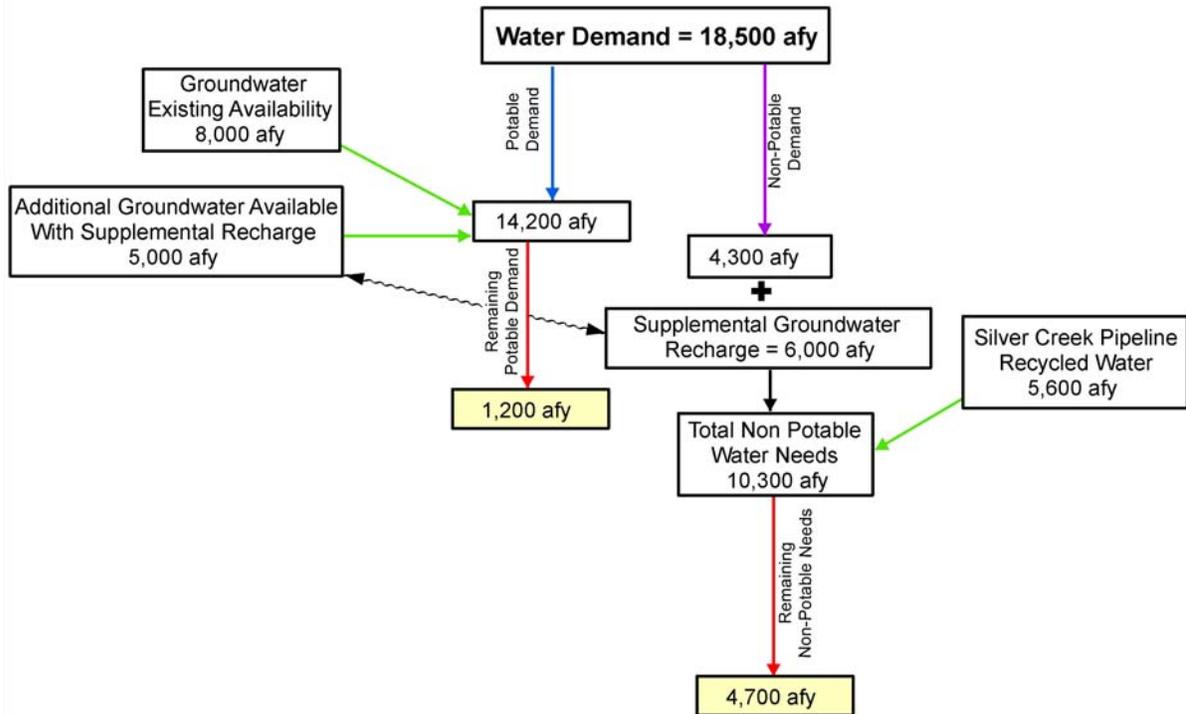


Figure 3-2. Coyote Valley Water Availability and Remaining Needs



Figure 3-3. Cross Valley Pipeline Delivery



Figure 3-4. Recycled Water Delivery

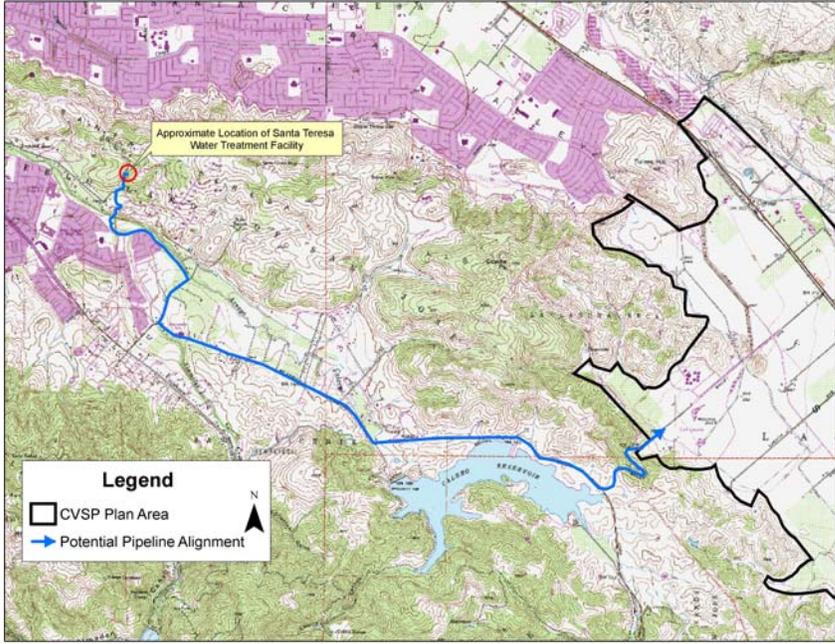


Figure 3-5. Delivery of Potable Water from Santa Teresa Treatment Plant

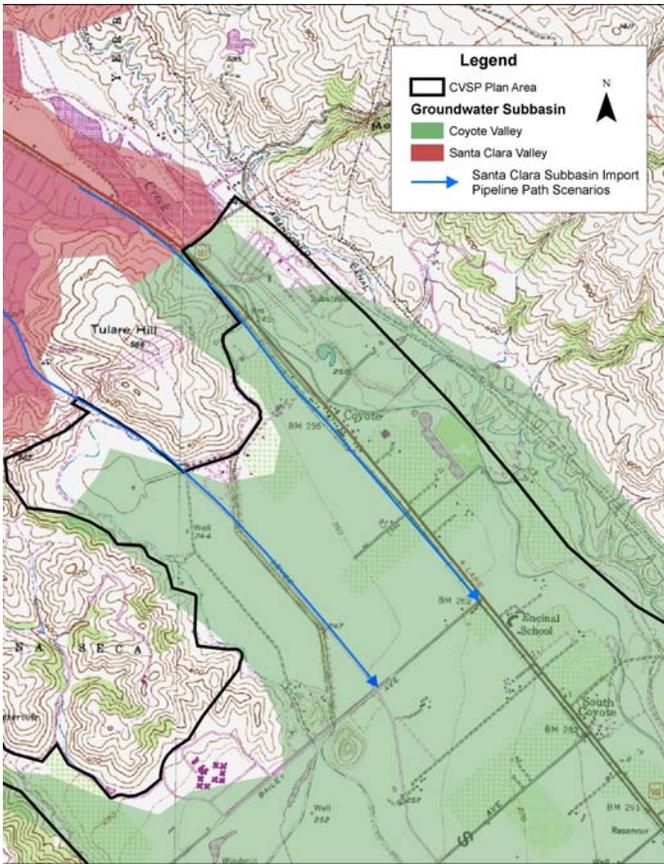


Figure 3-6. Potable Water Deliveries from Santa Clara Sub-basin

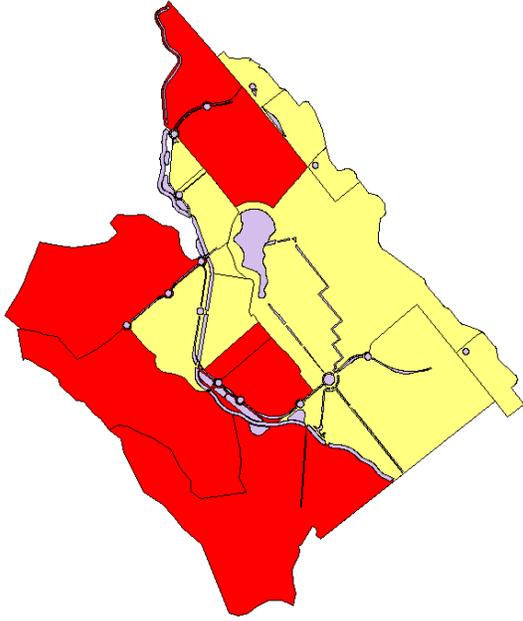


Figure 3-2. Areas within CVSP where all HMP Requirements Cannot be Met (shown in red)