Vail Lake

- Operated to min el. 1435
- Storage 40,000 AF Nov 1 – Apr 30
- Releases any time
  - Spreading grounds 1.5 mi. DS
  - Normally limited to spreading capacity 20cfs
  - Little flood release: only 2 spills since late 40s
- Quality impacted by evaporation of 3,500 AFY

Figure 1-1
Location Map
Santa Margarita Watershed
Lake Skinner

• Imported water storage
• Storage 44,000 AF Nov 1 – Apr 30
• Releases of local inflow from 52 mi² drainage
• Quality of MWDSC water
• Potential future operations may reduce releases if FPUD changes point of diversion

Figure 1 - 1
Location Map
Santa Margarita Watershed
Diamond Valley Reservoir

- Imported water storage
- Storage 800,000 AF
- Releases of local inflow of 17 mi² drainage area up to 50 cfs
- Quality of MWDSC water
Lake O’Neill

- Offstream storage
- Storage 1,200 AF
- Diverted up to 20 cfs from SMR to storage in spring
- Released in late fall 8-10 cfs for recharge
- Somewhat lower quality due to evaporation
RCWD Discharge

• Releases:
  • Historical water rights release from “System River Meter” to help meet 3 cfs minimum flow
  • Future additional releases required under Cooperative Management Agreement from MWDSC facilities discharge

• Quality:
  • Currently mixture of local GW & MWDSC water
  • Future MWDSC water