

EXHIBIT 2-A

Background on Ryan Ranch and Bishop Systems

RYAN RANCH

1989

- California American Water (CAW) Ryan Ranch (RR) 1989 Connection Limit: 190 Production Limit: 175 AF
- Approval of CAW annexation included previous conditions, including five production Wells and the system operator agree to maintain a leak detection and correction system to ensure that unaccounted-for-water use in the system is limited to five percent of annual production, and implement a comprehensive water production, deliver, and hydrologic monitoring program.
- 30 lots
- Five wells: 20-100 gpm; 300 gpm treatment plant for iron and manganese treatment;
- Previous approval of 100.5 AFA or 62 gpm with peak of 86 gpm; designed to deliver 250 gpm with a filter capacity of 300 gpm and storage of 0.5 mg
- CAW asked to have the connection raised to 200 connections

2009

- Ryan Ranch 2009 Connection Limit: 190 Production Limit: 72 AF
- Added arsenic plant
- Added aeration and storage to get rid of problem.

2019

- Well 7 was only producer for over 4 years
- Well 11 hasn't produced since it did 1 AF in WY14
- Intermittent pumping noted.
- Treatment plant function has not been ascertained.
- Emergency
 - a. Report within 6 days.
 - b. Report on a monthly basis of production on a daily time-step for each well.
- Trends in groundwater levels for Bishop
 - a. Groundwater levels are dropping at 1-1 ½
- County's Drinking Water Protection Services (DWPS) regulates domestic water systems that serve 2-199 connections or systems that serve at least 25 people at least 60 days a year. – Roger Van Horn (Drinking water program)

BISHOP

- WY 18 = 387 Connections
- Produced 166.22 AF, transferred 39.22 to RR
- Consumption at Bishop has dropped significantly from 157 AF in WY14 to 108 AF in WY18. Why?
- Must know combined capacity of rehabilitated well(s).
- Emergency
 - a. Report within 6 days.
 - b. Report on a monthly basis of production on a daily time-step for each well.
- Trends in groundwater levels for Bishop
 - a. Groundwater levels are dropping at 1-1 ½