Groundwater Management Program Update

• Deep Monitoring Well Drilling

• Groundwater Level Monitoring

• Groundwater Model Data Request
Well Locations

- Purpose – Monitor groundwater levels near edge of depression that extends from American River north to almost Bear River
Conceptual Well Design

- Monitor two aquifers
- Laguna/Modesto Formation and Mehrten Formation
- Maximum depth 550 feet
Drill Rig and Support Equipment
Geophysical Logging and Final Design
Monitoring Well Construction
Finished Wells

- Next Steps:
  - Install pressure transducers
  - Collect water quality samples in September/October
Temperature


Temperature (F)

AWB  MW4
Groundwater Model Data Request

• Model calibration period will be from 1990 through 2018
• Monthly groundwater production by well
  • Much of that already received
• Monthly diversion data
  • Have not collected that at SGA since ~2003