Community Perspectives on SGMA & Groundwater Quality

Laurel Firestone
Regulated Community Water Systems
Private well owners are most at-risk
Future Trends – Production Zone

**Current Nitrate**

- >10 mg/L
- 7.6 - 10 mg/L
- 5.1 - 7.5 mg/L
- 2.6 - 5 mg/L
- <2.5 mg/L

**Projected Nitrate in 50 years***

- >25 mg/L
- 10 - 25 mg/L
- 7.5 - 10 mg/L
- 5 - 7.5 mg/L
- 3.5 - 5 mg/L

**Current TDS**

- >1,000 mg/L
- 751 - 1,000 mg/L
- 501 - 750 mg/L
- 251 - 500 mg/L
- <2.5 mg/L

**Projected TDS in 50 years***

- >1,000 mg/L
- 751 - 1,000 mg/L
- 501 - 750 mg/L
- 251 - 500 mg/L
- <2.5 mg/L

*Baseline scenario, no mitigation or other interventions implemented. MCL: Maximum Contaminant Level, regulatory drinking water standard; Figures adapted from: CV-SALTS Management Zone Archetype Analysis: Alta Irrigation District, May 2016.
Community Water Center: Because clean water is a right, not a privilege.

Join the movement and find out more online!
CommunityWaterCenter.org

Laurel.firestone@CommunityWaterCenter.org