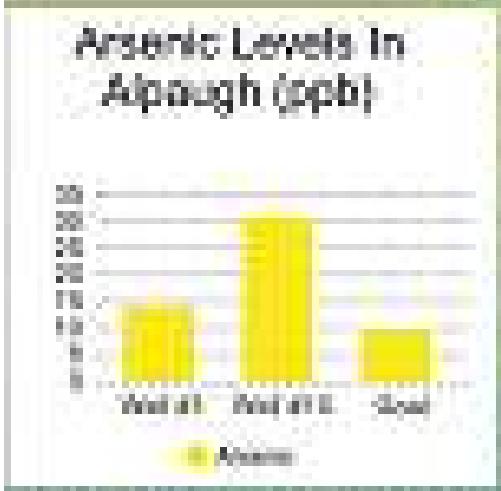
Well Drilling : Laws, Infrastructure, and Recommendation

Biofilm (Infrastructure)
- a collective of one or more types of microorganisms
- can grow on many different surfaces
- include bacteria and fungi
- produces toxins that directly affect human health
- can overgrow and completely shut down a whole well making it impossible to use the water.

ex: dental plaque



Contaminants found in Alpaugh's Well #1:
- mainly arsenic (about 34 ppb or parts per billion)
- used to have hydrogen sulfide (Rotten-egg smell)

Unlocked well pumping
- creates subsidence
- damage infrastructure
- be very expensive to repair.

ex: Bridge repair in Mendota County was $2.5 mil in damages.

Laws on Well Drilling: Affects of [illegible] and [illegible] RECOMMENDATIONS [illegible]

Recommendations:
- Arsenic Water Treatment System (Shown to the left)
- Be smart about drilling ex: test wells
- SB 623: helps communities like Alpaugh and Allensworth.