Criteria to Exempt Aquifer
per Nathan Law

I. Not currently serving as a source of drinking water; and

and II. it is mineral, hydrocarbon or geothermal energy producing (or bearing at commercial levels)

DWS
state reg.

A. declaration aquifer is not a current source of drinking water

B. mineral, hydrocarbon or geothermal energy producing

or III. TDS level is 3,000 to 10,000 mg/l TDS and not <u>reasonably</u> expected to supply a public water system

"reasonably"

A. declaration aquifer is not a current source of drinking water

B. depth (2X deepest well according to DWR)

C. Location

1. surface distance to existing towns
2. ownership of land
3. alternate water source (surface + groundwater)

statement from utility re: quantity

OR IV. aquifer situated at depth or location which makes recovery of water for drinking purposes economically or technologically impractical

3000 > TDS

A. declaration aquifer is not a current source of drinking water

B. TDS level in formation fluids

?

C. Yield of water

D. depth (3x deepest well according to DWR)

E. location

1. surface distance to existing towns

out?

2. ownership of land

3. alternative water sources (surface + groundwater)

4. unusually geology

F. Economic Analysis — project may lead to some economic gain to community.

or V. so contaminated that it would be economically or technologically impractical to render that water fit for human consumption

A. declaration aquifer is not a current source of drinking water

B. start up date; volumes injected

inorganics

C. formation fluid (initial, current)

D. injected fluid characteristics

E. Assess recoverability, treatment → Economic Analysis.