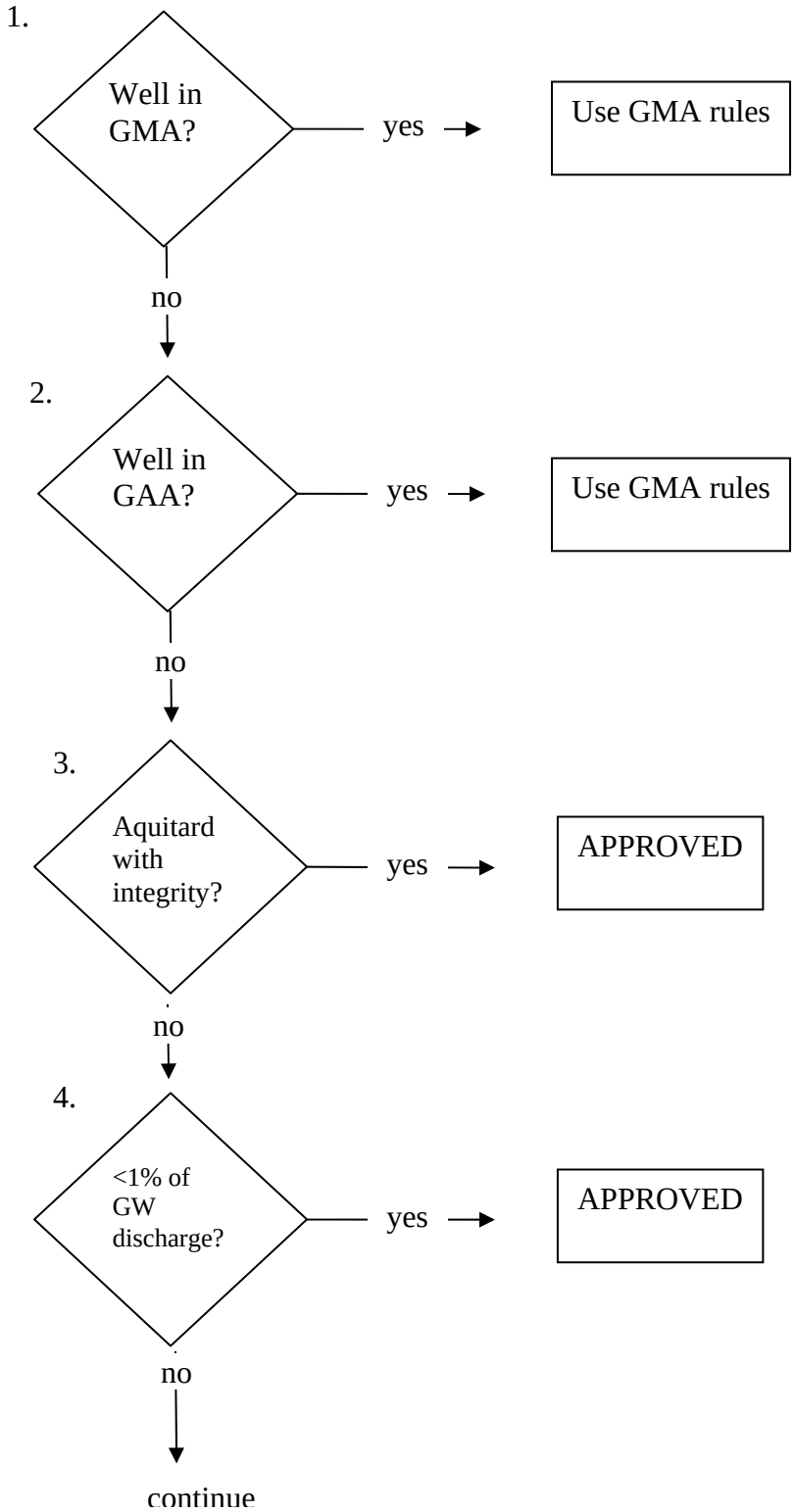
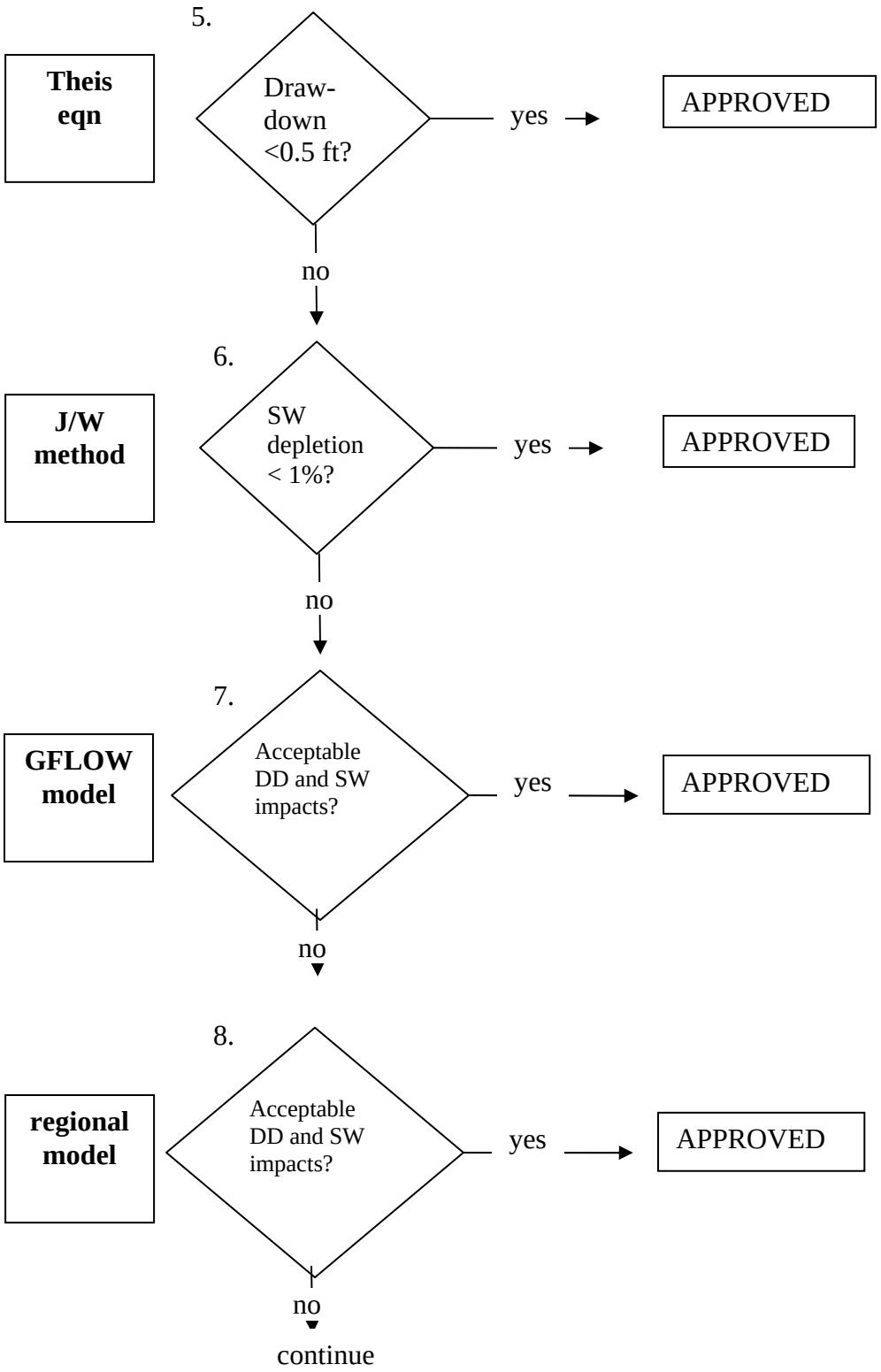
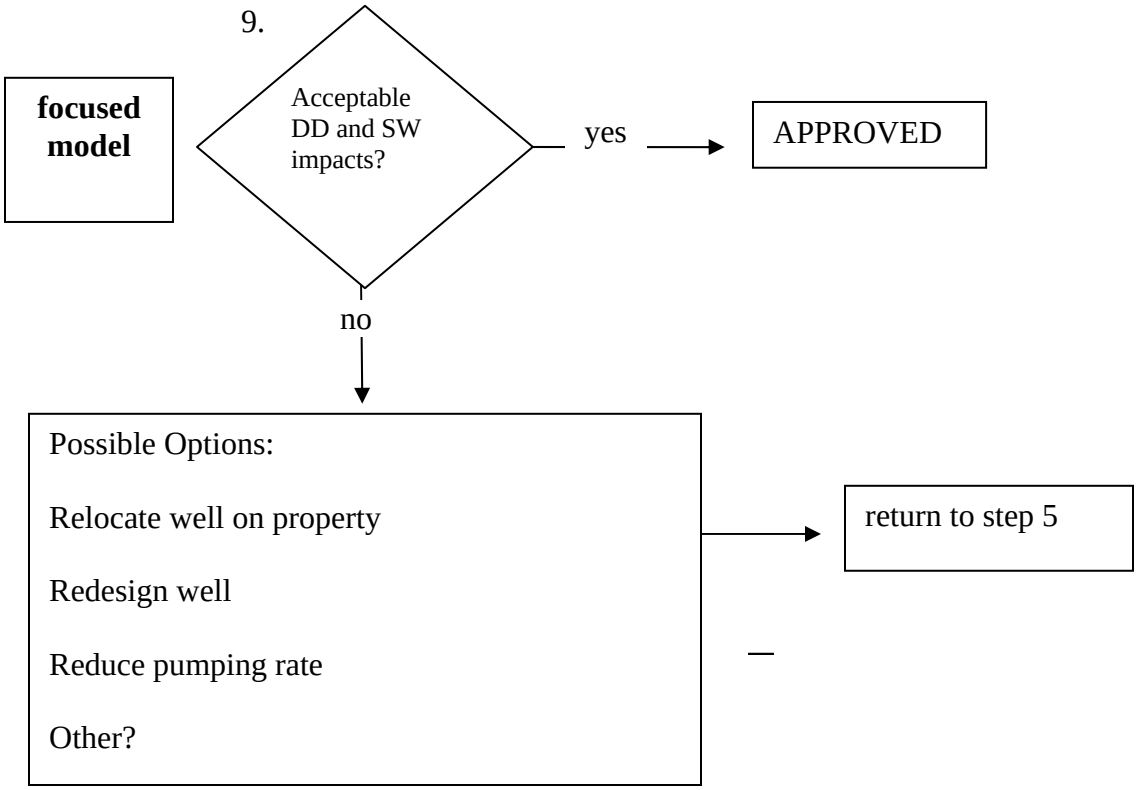
Possible Decision Tree for Hi-Cap Well Approvals
K. Bradbury and J. Macholl, June, 2007




5.
Theis eqn
Draw-down <0.5 ft?
yes
APPROVED
no
6.
J/W method
SW depletion < 1%?
yes
APPROVED
no
7.
GFLOW model
Acceptable DD and SW impacts?
yes
APPROVED
no
8.
regional model
Acceptable DD and SW impacts?
yes
APPROVED
no
continue


9.
focused model
Acceptable DD and SW impacts?
yes
APPROVED
no
Possible Options:
Relocate well on property
Redesign well
Reduce pumping rate
Other?
return to step 5