Flowchart C-3. Process Flowchart for Reviewing Well Stimulation Permit Applications
State Water Resources Control Board
Oil and Gas Monitoring Unit

START HERE
Operator submits information to CalGEM for WST permit application → WST permit application deemed complete by CalGEM and submitted to the Water Boards for review → State Water Board determines if WST permit application is associated with a GMP or a Request for Exclusion → WST permit application associated with Request for Exclusion → State Water Board sends CalGEM a request for additional time to review WST permit application (up to 45 days) → Water Boards conduct review of permit application → CalGEM submits to Water Boards final ADSA review and risk evaluation memo → Findings of CalGEM approved ADSA analysis and risk evaluation are reviewed by Water Boards to determine if CalGEM has identified potential pathways that may affect groundwater quality → State Water Board provides comments to CalGEM → Application denied and no WST permit is issued → CalGEM considers Water Boards' comments → Well Stimulation Activity: If an Operator is issued a WST permit, and has Water Boards approved GMP or Request for Exclusion then well stimulation activities can proceed.

DEFINITIONS
ADSA = Axial Dimensional Stimulation Area
CalGEM = California Geologic Energy Management Division (formerly DOGGR)
GMP = Groundwater Monitoring Plan
Request for Exclusion = Request for exclusion from groundwater monitoring
State Water Board = Water Resources Control Board
Water Boards = State Water Resources Control Board and Regional Water Quality Control Board
WST = Well Stimulation Treatments

FOOTNOTES
1. Reviewed independently from GMP or Request for Exclusion. Well stimulation cannot occur until a WST permit is issued by CalGEM and a GMP or Request for Exclusion has been approved by the Water Boards.
2. Where 5K ADSA extend into a non-excluded area, the Regional Board will also review permit application.
3. Regional Board staff forwards their comments on the permit applications and associated ADSA narratives that they review to State Water Board staff. State Water Board writes a memo to CalGEM staff that summarizes review comments.
4. If CalGEM denies a WST permit application, then WST activities at that well cannot proceed.
5. Well stimulation activities cannot proceed until Water Boards approve a GMP or Request for Exclusion.