

**CHECK LIST FOR APPLICATIONS FOR ENHANCED  
RECOVERY INJECTION AND DISPOSAL WELLS**

\_\_\_\_ 004.01 The Original and six (6) copies of application and one complete set of attachments.

\_\_\_\_ 004.02

\_\_\_\_ A-Plat outlining area (area affected or area within 1/2 mile of each well).

\_\_\_\_ B-Names and addresses of each owner (fee, leasehold, mineral or royalty interest) within area affected or 1/2 mile of each well.

\_\_\_\_ C-A full description of the particular operation for which approval is sought.

\_\_\_\_ D-The names and addresses of the operator or operators of the project.

\_\_\_\_ E-A copy of each completion report and logs.

\_\_\_\_ F-Schematic diagram of each well showing:

\_\_\_\_ F-1 T.D.

\_\_\_\_ F-2 Depth of injection or disposal interval.

\_\_\_\_ F-3 Geological name of injection or disposal zone.

\_\_\_\_ F-4 Geological description of the injection or disposal zone including the location and extent of any known faults or fracture systems.

\_\_\_\_ F-5 Depths of the tops and bottoms of the casing and cement to be used in the well.

\_\_\_\_ F-6 Size and specifications of the casing and tubing, and the setting depth and type of packer.

\_\_\_\_ G-Information showing that injection into the proposed zone will not initiate vertical fractures into or through the overlying strata, which could enable the injected fluids or formation fluids to enter any fresh water strata.

\_\_\_\_ H-Information that no unplugged wells exist which will allow the migration of the injected fluids or formation fluids to enter any fresh water strata.

\_\_\_\_ I-Information regarding the fracture pressures of the injection zone and overlying strata, including the source of such information.

\_\_\_\_ J-Operating Data:

\_\_\_\_ J-1 Maximum daily injection rates and pressures.

\_\_\_\_ J-2 Source of any fluids to be injected.

\_\_\_\_ J-3 Analysis of a representative sample of the fluid to be injected. (See addendum for analysis requirement.)

\_\_\_\_ J-4 Analysis of fresh water from two or more fresh water wells within one mile of the proposed injection well showing the location of the wells and the dates the samples were collected, or a statement why samples were not submitted. (See Addendum for analysis requirements.)

\_\_\_\_ J-5 Geological name of the lowest fresh water zone, if known, and the depth to the base of the fresh water zone.

\_\_\_\_ J-6 Vertical distance separating top of the injection zone and the base of the fresh water zone.

\_\_\_\_ 005.02-Certificate of mailing.

\_\_\_\_ \$1200.00 Application Fee

## ADDENDUM OF WATER ANALYSIS REQUIREMENT.

Water analyses must include the following:

1. pH
2. Total Dissolved Solids (calculated)
3. Carbonate
4. Bicarbonate
5. Alkalinity (as  $\text{CaCO}_3$ )
6. Magnesium
7. Potassium
8. Sodium
9. Sulfur (Total)
10. Chloride
11. Iron
12. Manganese
13. Boron
14. Total Hardness (Ca+Mg) as  $\text{CaCO}_3$
15. Calcium