

## SUMMARY OF REQUIREMENTS

### CLASS VI OPERATING AND REPORTING CONDITIONS

#### Elk Hills A1-A2 Storage Project

##### **Facility Information**

Facility name: Elk Hills A1-A2 Storage Project  
357-7R & 355-7R

Well location: Elk Hills Oil Field, Kern County, CA  
35.32802963 / -119.5449982

**Table 1. Injection Well Operating Conditions**

PARAMETER/CONDITION	LIMITATION or PERMITTED VALUE	
	355-7R	357-7R
Maximum Injection Pressure - Surface	2990 psi	2993 psi
Maximum Injection Pressure - Bottomhole	6260 psi	6281 psi
Annulus Pressure	3820 psi	3834 psi
Annulus Pressure/Tubing Differential	1397 psi	1531 psi
Maximum CO <sub>2</sub> Injection Rate	15 mmscfpd	15 mmscfpd

The maximum injection pressure was determined using the 0.82 psi/ft fracture gradient obtained from well 327-7R-RD1 multiplied by 0.9, per 40 CFR 146.88(a).

##### **Routine Shutdown Procedure**

For injection shutdowns occurring under routine conditions (e.g., for well workovers), the permittee will reduce CO<sub>2</sub> injection at a rate of 130 tons per day over a 6-day period to ensure protection of health, safety, and the environment. Procedures that address immediately shutting in the well are in the Emergency and Remedial Response Plan of this permit.

##### **Reporting requirements**

Below tables summarize the reporting requirements for 355-7R, 357-7R and the A1-A2 storage project.

**Table 2. Class VI Injection Well Reporting Requirements**

ACTIVITY	REPORTING REQUIREMENTS
CO <sub>2</sub> stream characterization	Semi-annually
Injection pressure, injection rate, injection volume, pressure on the annulus, and annulus fluid level	Semi-annually
Corrosion monitoring	Semi-annually
External MITs	Within 30 days of completion of test
Pressure fall-off testing	In the next semi-annual report

Note: All testing and monitoring frequencies and methodologies are included in the Testing and Monitoring Plan of this permit.

**Table 3. Class VI Project Reporting Requirements**

ACTIVITY	REPORTING REQUIREMENTS
Groundwater quality monitoring	Semi-annually
Plume and pressure front tracking	In the next semi-annual report
Monitoring well MITs	Within 30 days of completion of test
Financial responsibility updates	Within 60 days of update

Note: All testing and monitoring frequencies and methodologies are included in the Testing and Monitoring Plan of this permit.