

SUMMARY OF REQUIREMENTS

CLASS VI OPERATING AND REPORTING CONDITIONS

CTV III

Facility Information

Facility name: CTV III
W1

Well location: [REDACTED]
[REDACTED]

Table 1. Injection Well Operating Conditions

PARAMETER/CONDITION	LIMITATION or PERMITTED VALUE
Maximum Injection Pressure - Surface	2036 psi
Maximum Injection Pressure - Bottomhole	4207 psi
Annulus Pressure	3061 psi
Annulus Pressure/Tubing Differential	100 psi
Maximum CO ₂ Injection Rate	[REDACTED]

The maximum injection pressure, which serves to prevent confining-formation fracturing, was determined: using a fracture gradient 0.76psi/ft, obtained from Formation Integrity tests (FIT) in the injection zone conducted on wells in the project area, multiplied by 0.9, per 40 CFR 146.88(a). This fracture gradient will be confirmed as a part of pre-operational testing prior to injection.

Routine Shutdown Procedure

For injection shutdowns occurring under routine conditions (e.g., for well workovers), the permittee will reduce CO₂ injection at a rate of [REDACTED] 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.)

Table 2. Class VI Injection Well Reporting Requirements

ACTIVITY	REPORTING REQUIREMENTS
CO ₂ 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 pursuant to H.2 and H.3(a) of this permit	Within 60 days of update

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