

# Attachment E: Operating and Reporting Conditions

Claimed as PBI

Carbon America

(40 CFR 146.82(a))

Revision	Date	Notes	Written By	Approved By
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Claimed as PBI

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## 1. Facility Information

- Facility Name: Claimed as PBI

- Well Name: Claimed as PBI

- Facility Contact: Claimed as PBI

- Proposed Well Location: Claimed as PBI

## 2. Operational Procedures

Injection pressure, temperature, and rate will be monitored at the wellhead. Claimed as PBI

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Claimed as PBI. Proposed operational procedures are presented in Table E-1. A detailed description of the equipment and procedures is provided in Attachment F: Testing and Monitoring Plan.

Table E-1. Proposed Operational Procedures

Parameters/Conditions	Limit or Permitted Value	Unit
Claimed as PBI	Claimed as PBI	Claimed as PBI
Claimed as PBI	Claimed as P	Claimed as P
Claimed as PBI	Claimed as P	Claimed as P
Claimed as PBI	Claimed as PBI	Claimed as PBI
Claimed as PBI	Claimed as PBI	Claimed as PBI
Claimed as PBI	Claimed	Claimed as PBI
	Claimed	Claimed as PBI
Claimed as PBI	Claimed	Claimed as PBI
Claimed as PBI	Claimed	Claimed as PBI
Claimed as PBI	Claimed as P	Claimed as P
Claimed as PBI	Claimed	Claimed as P

Note: The maximum injection pressure, which serves to prevent confining-formation fracturing, was determined Claimed as PBI  
Claimed as PBI, per 40 CFR 146.88(a). A full discussion on the derivation of the calculated fracture gradient can be reviewed in Section 2.9 of Attachment A: Area of Review and Corrective Action Plan.

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### 3. Proposed Carbon Dioxide Stream

Claimed as PBI will analyze the carbon dioxide (CO<sub>2</sub>) stream during the operation period to yield data representative of its chemical and physical characteristics and to meet the requirements of 40 CFR 146.90(a).

Injectate composition is discussed in the Permit Application Narrative, Section 4.8. Claimed as PBI  
Claimed as PBI

The CO<sub>2</sub> stream will be Claimed as PBI. Therefore, the corrosivity of the injection stream will be insignificant. The CO<sub>2</sub> stream will behave as a Claimed as PBI  
Claimed as PBI

### 4. Routine Shutdown Procedure

For injection shutdowns occurring under routine conditions (e.g., for well workovers), the permittee will reduce operating pressures at a rate Claimed as PBI

Claimed as PBI to ensure protection of health, safety, and the environment. Procedures that address immediately shutting down the well are discussed in Attachment J: Emergency and Remedial Response Plan.

### 5. Reporting Requirements

The Claimed as PBI injection well reporting requirements and the project reporting requirements are summarized in Tables E-2 and E-3.

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

Activity	Reporting Requirements
CO <sub>2</sub> stream characterization	Semiannually
Injection pressure, injection rate, injection volume, pressure on the annulus, and annulus fluid level	Semiannually
Corrosion monitoring	Semiannually
External mechanical integrity tests (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 Attachment F: Testing and Monitoring Plan.

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

Activity	Reporting Requirements
Groundwater quality monitoring	Semiannually
Plume and pressure front tracking	In the next semiannual report following testing
Monitoring well MITs	Within 30 days of completion of test
Financial responsibility updates pursuant to <b>Attachment K: Financial Responsibility Demonstration</b>	Within 60 days of update

Note: All testing and monitoring frequencies and methodologies are included in Attachment F: Testing and Monitoring Plan.