

## 8 INJECTION WELL PLUGGING PLAN

### 40 CFR 146.92(b)

#### TULARE COUNTY CARBON STORAGE PROJECT (TCCSP)

##### Facility Information

Facility (site) Name: Tulare County Carbon Storage Project (TCCSP)

Facility Operator: TCCSP, LLC.

Facility Contact:



Project Location:



Injection Well Name and Coordinates:

Well Name	Latitude	Longitude
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]

## **Table of Contents**

8	INJECTION WELL PLUGGING PLAN .....	1
	Abbreviations and Acronyms .....	3
8.1	Executive Summary .....	5
8.2	Plugging and Abandonment Strategy .....	5
8.3	Planned Tests or Measures to Determine Bottomhole Reservoir Pressure.....	6
8.4	Information on Plugs.....	6
8.5	Casing and Tubing Record after Plugging.....	9
8.6	Description of Plugging Procedures .....	9
8.6.1	Notifications, Permits, and Inspections .....	9
8.6.2	Plugging Procedures .....	9
8.7	Report Retention .....	15
8.8	Certification .....	15

## **List of Tables**


## **List of Figures**


### **Abbreviations and Acronyms**

2D	2-Dimensional
3D	3-Dimensional
AoR	Area of Review
bbbl/d	Barrels per day
BHP	Bottom Hole Pressure
CCS	Carbon capture, and storage
CO <sub>2</sub>	Carbon dioxide
CMG	Computer Modelling Group
D <sub>H</sub>	Hydraulic Diameter
DRM	Dynamic Reservoir Model
EoS	Equation of State
EPA	Environmental Protection Agency
f <sub>D</sub>	Darcy's Friction Factor
ft.	Feet
g	Acceleration due to Gravity
GEM	General Equation of State
KB	Kelly Bushing
k <sub>r,CO2</sub>	CO <sub>2</sub> Relative Permeability
kh	Permeability-Thickness Product
k <sub>h</sub>	Absolute Horizontal Permeability
k <sub>v</sub>	Absolute Vertical Permeability
k <sub>r,w</sub>	Water Relative Permeability
mg/L	milligrams per liter
MIP	Mercury Intrusion Porosimetry
MMt	Millions of Metric tons
MMtpa	Millions of Metric tons per annum
ΔP	Pressure Drop
ΔP <sub>TH</sub>	Threshold Pressure
PISC	Post-Injection Site Care
P <sub>grid</sub>	Grid Block Pressure
pH	Potential Hydrogen
ppm	Parts per Million
psi	Pounds per square inch
psia	Pounds per square inch, absolute
ρ	Fluid Density
ρ <sub>i</sub>	Injection Zone Fluid Density
ρ <sub>u</sub>	Underground Source for Drinking Water
RCA	Routine Core Analysis
Re	Reynolds Number
SCA	Specialized Core Analysis
SEM	Static Earth Model
S <sub>grmax</sub>	Maximum Residual Gas Saturation
SS	Subsea

$S_{wconn}$	Connate Water Saturation
$S_{wirr}$	Irreducible Water Saturation
$T_{grid}$	Grid Block Temperature
TVD	True Vertical Depth
UIC	Underground Injection Control
USDW	Underground Source of Drinking Water
U.S. DOE	United States Department of Energy
U.S. EPA	United States Environmental Protection
$v$	Fluid Velocity
$z_i$	Injection Zone Top Depth
$z_u$	Underground Source for Drinking Water

## 8.1 Executive Summary

[REDACTED]

## 8.2 Plugging and Abandonment Strategy

[REDACTED]

[REDACTED]

### 8.3 Planned Tests or Measures to Determine Bottomhole Reservoir Pressure

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

### 8.4 Information on Plugs

[REDACTED]

[REDACTED]

[illegible]





### 8.5 Casing and Tubing Record after Plugging

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

### 8.6 Description of Plugging Procedures

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

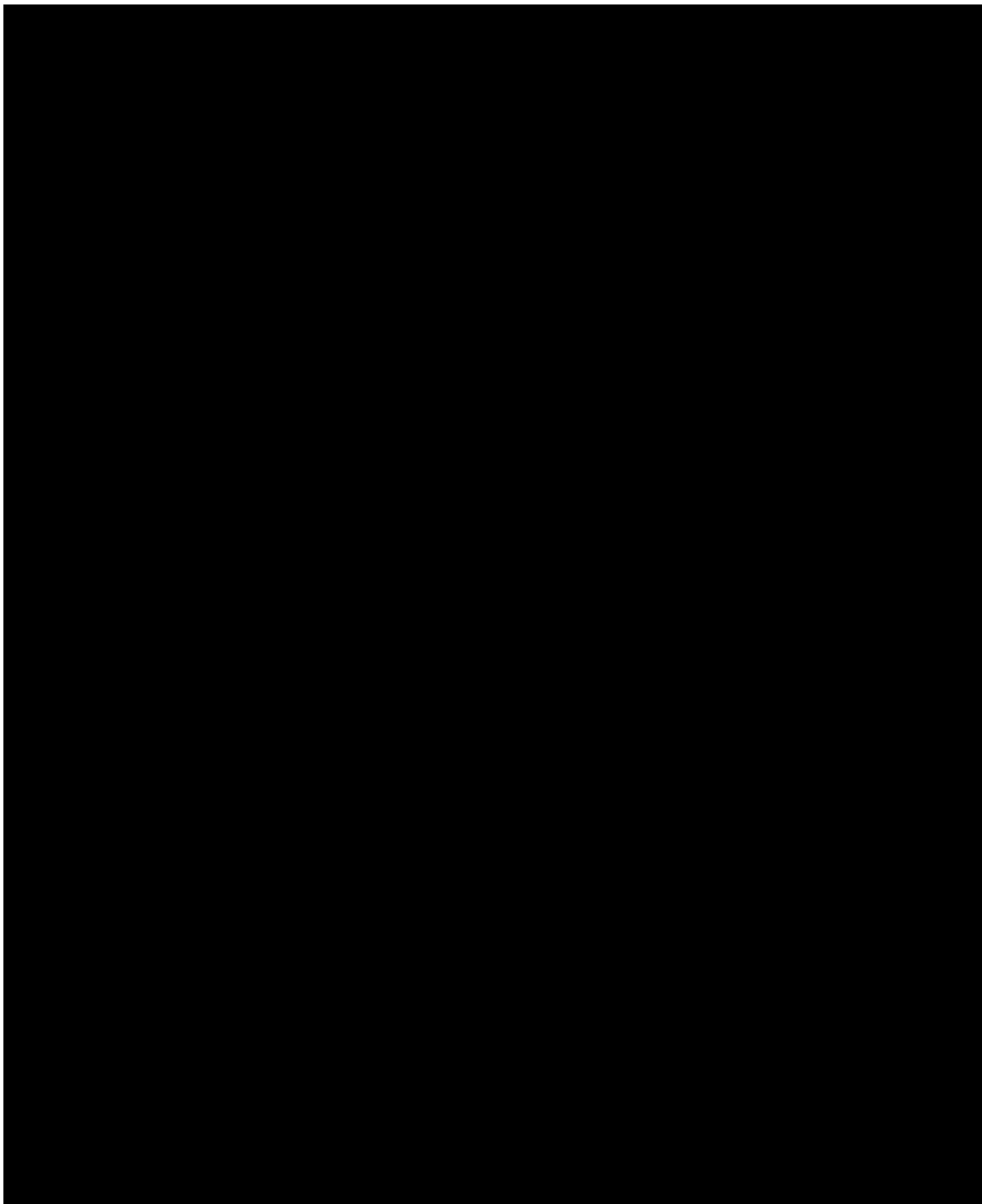
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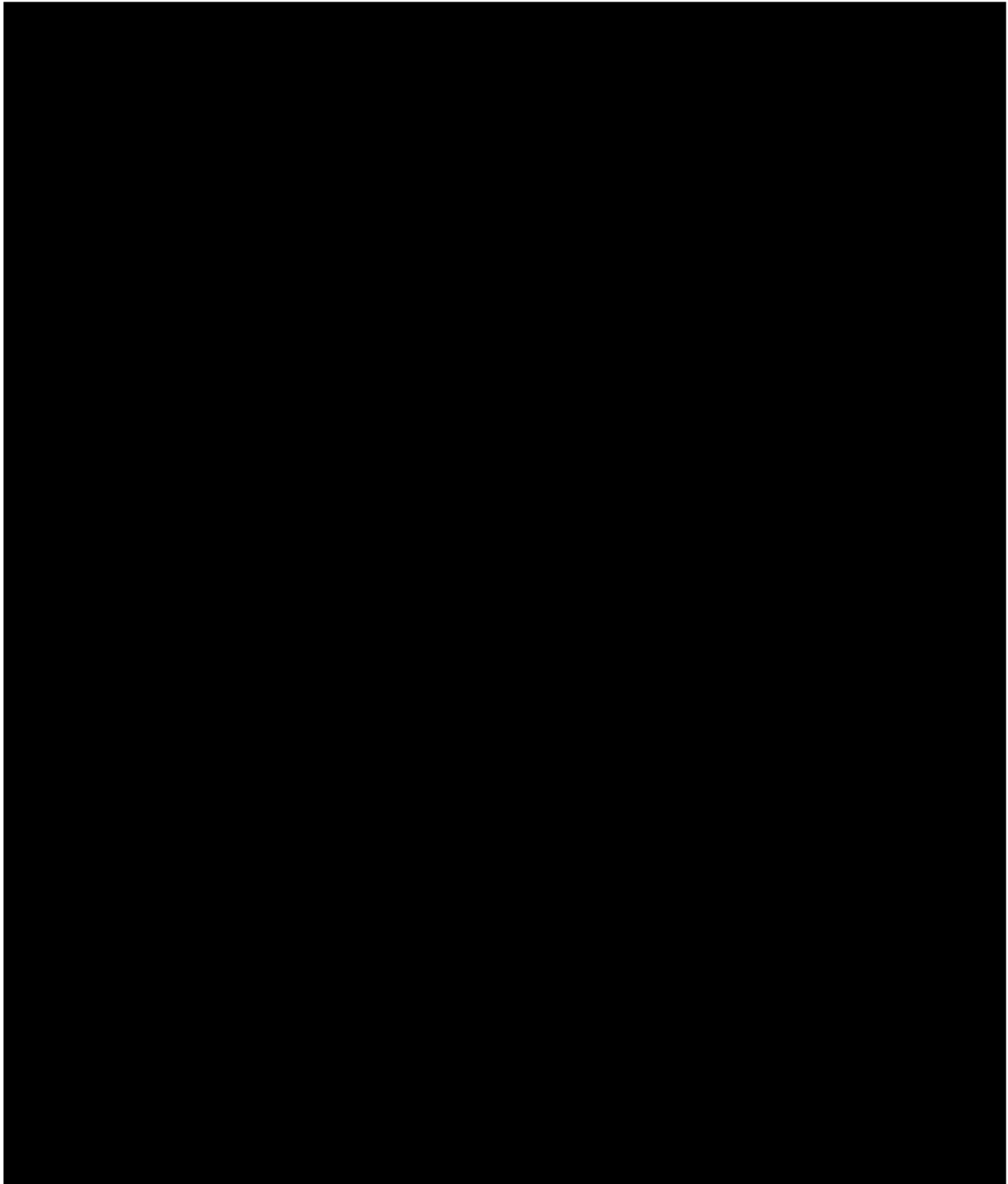
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[REDACTED]

[REDACTED]

[REDACTED]





## **8.7 Report Retention**

[REDACTED]

## **8.8 Certification**

[REDACTED]

[REDACTED]