# Life Cycle of a CCUS Facility

Screening 3-6 Months

Screening

(3-6 Months)

**Feasibility** 9-18 Months Project Design 6-18 Months

Review Application, Hearing, Order 7-12 Months

Operations with Periodic Regulatory Reviews **Project Constrained** 

PISC and Closure End of Injection -Plume Stabilization Post Facility Closure After Plume Stabilization

# **Project Planning**

Operator

Regulatory

Acquire Site-Specific Data Seismic Data Test Well Core Geophysical Logs

Feasibility

- - Numerical Model Geo-Chemical

# Project Design

- Storage Facility
  Application
- Baseline Monitoring Pore Space Agreements

Public Outreach Decided by Operator

# **Storage Facility Operation**

# Construction

- CO2 Capture Facilities
- Storage Facilities Flowlines

- Reporting
- Testing and Monitoring

## Prepare for Periodic Regulatory Review(s)

- Updated Modeling Facility AOR
- Financial Assurance Amalgamation

# Care (PISC) and Facility Closure

Well Plugging Facilities Reclamation

**Regulatory Process and Operations** 

## Pre-Application

- Dialogue with Operator and/or Consultants Regarding Draft Application
- Feedback on Draft Storage Facility

## Facility Permitting

- Receive Storage Facility Application O&G Division Review
- DEQ Consultation Draft Permit

## **Docket for Hearing** Public Notices

- Public Comment Period Public Hearings
- Storage Facility Financial Assurance
- Amalgamation Storage Facility Orders

# **UIC Well Permitting**

- Test Well to Class IV UIC
- Grass Roots UIC Financial Assurance for
- Facility and Wells Corrective Actions

# <u>Authorize Injection</u>

- CO2 Stream
- Completion Report As-Built Schematic
- Flowline Pressure testing

## Regulatory **Operations**

- Regular UIC Field Inspections
- Process Monthly Mechanical Integrity Test Injection Reporting
  - Receive/Evaluate Monitoring Reports

## Periodic Regulatory Review(s) Required

- Public Notices
  - Public Hearings Facility Permit
- Financial Assurance
- Amalgamation Orders

# Long-Term Stewardship

- Final Assessment Hearing
- State Assumes Liability Continued Monitoring
- Final Abandonment Reclamation Costs Covered by Trust Fund

**Public Notice Required for each Hearing** 

