

Stimulation Program 40 CFR 146.82(a)(9)

Capio Sherburne Sequestration, LLC
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SCS ENGINEERS

Capio Sherburne CCS Well No. 1 | January, 2023

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Wichita KS 67226
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STIMULATION PROGRAM
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Facility Information

Facility Name: Capio Sherburne Sequestration, LLC
Well Name: Capio Sherburne CCS Well No. 1

Facility contact: Peter Hollis, Capio Sequestration - President
Michael Neese, Capio Sequestration - Senior Vice President
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Well location: Sherburne Wildlife Management Area (WMA)
Pointe Coupee Parish, Louisiana
30.521385, -91.718429

Reservoir characteristics obtained from a site-specific stratigraphic test suggest a porous and permeable injection interval throughout the project area. Although unlikely, reservoir stimulation may be beneficial to enhance the injectivity of scCO₂ into the formation(s). Pre-operational testing will provide the information needed to determine if stimulation is beneficial. Stimulation methods may involve flowing fluids into or out of the well to remove drilling mud, well completion residuals. Other types of stimulation to enhance the injection of scCO₂ may be considered.

Advance notice of any proposed stimulation activities will be provided to the Director, as detailed below, before conducting the stimulation. 40 CFR 146.91(d)(2) requires the submittal of all proposed stimulation procedures to the Director at least 30- days in advance of operations. Within this submittal, Capio Sherburne Sequestration, LLC (Capio) will describe any fluids to be utilized for stimulation activities and demonstrate that the stimulation will be detrimental to the confining and injection reservoir and will not interfere with the containment of the scCO₂. Stimulation will be implemented as approved by the UIC Program Director.