

# Summary Form for Electronic Document Submittal

**Form F**

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: 2022030180

Project Title: Draft Recirculated EIR Carbon TerraVault I (Kern County) by California Resources Corporation

Lead Agency: Kern County Planning and Natural Resources Department

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Project Location: Unincorporated

Kern County

*City*

*County*

Project Description (Proposed actions, location, and/or consequences).

A proposed CCS facility for permanent underground storage of up to 48 million tons of CO<sub>2</sub> in two reservoir formations on approx. 9,104 surface acres in the Elk Hills Oilfield in unincorporated Kern County and the related initial source for the capture of CO<sub>2</sub>. The land acreages of the CCS Surface Land Area (SLA) has been reduced from the original 9,130 acres to 9,104 acres through changes in the location of the facility onsite pipeline. The initial source of CO<sub>2</sub> is the pre-combustion oilfield gas from infield locations, including uses associated with the existing Elk Hills Power Plant. Max injection per year from future sources would be up to 2,210,000 tons per year divided between the two formations (R-26 and A1-A-2). The facility consists of an underground pore space, approved by the EPA as the "area of review" where CO<sub>2</sub> will become permanently mineralized into rock, the CCS SLA over the underground storage area where limited uses will be permitted, approval of six (6) EPA Class VI UIC wells, conversion and creation of wells for CO<sub>2</sub> leak monitoring and seismic activity, approx. 11 miles of facility and injection underground pipeline for capture of pre-combustion gas, and related infrastructure improvements for the capture, transfer, and permanent storage of CO<sub>2</sub>

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

The proposed project could result in project level impacts on air quality, greenhouse gas emissions, and mineral resources that would remain significant and unavoidable. Air Quality: The project total emissions would exceed the San Joaquin Valley Air Pollution Control District thresholds for nitrogen oxides (NOX), particulate matter with a diameter of 10 micrometers or less (PM<sub>10</sub>), and particulate matter with a diameter of 2.5 micrometers or less (PM<sub>2.5</sub>), for which the project region is nonattainment under an applicable federal or State ambient air quality standard. Implementation of Mitigation Measure (MM) 4.3-1 and MM 4.3-8. Greenhouse Gas Emissions: The project has the potential to generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment and conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. Implementation of MM 4.8-1 and MM 4.8-2. Mineral Resources: The project could result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State. Although MM 4.12-1 would require the project proponent to annually document the potential loss of oil, the loss of oil reservoir in the project area is considered a significant loss of oil, which is considered a mineral of value to the State. Implementation of MM 4.12-1. The project, in combination with other existing or reasonably foreseeable projects, could result in cumulative impacts on aesthetic and visual resources, agricultural resources, air quality, biological resources, cultural resources, energy, geology and soils, greenhouse gas emissions, hydrology and water quality, mineral resources, noise, and utilities and service systems that would remain significant and unavoidable. All reasonable and feasible MM have been evaluated and included.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

Areas of controversy were identified through written agency and public comments received during the scoping period. Public comments received during the scoping period are summarized in Chapter 2, Introduction, and provided in Appendix A. In summary, the following issues were identified during scoping and are addressed in the appropriate sections of Chapter 4, Environmental Setting, Impacts, and Mitigation Measures:

- Coordination and consultation with California Native tribes and compliance with Assembly Bill 52 and SB 18
- Special status species and rare biological resources present in the project area as well as federally listed species
- Evaluation of construction and operational emissions
- Air quality concerns for criteria pollutants and safety of operations
- Concerns about the use of CCS to capture greenhouse gas from fossil fuel sources

Provide a list of the responsible or trustee agencies for the project.

#### Federal

- U.S. Environmental Protection Agency Underground Injection Control – Class VI Permit
- U.S. Fish and Wildlife Service Section 10 Incidental Take Permit and Habitat Conservation Plan (if required)

#### State

- California Department of Fish and Wildlife
- Section 2081 Permit (State-listed endangered species) (if required)
- 401 Water Quality Certification Central Valley Water Regional Quality Control Board (RWQCB)
- Waste Discharge Requirements (RWCQB)
- National Pollution Discharge Elimination System Construction
- State Fire Marshal Approval of CO2 Pipeline
- California Geologic Management – California Department of Conservation California Air Resources Board
- Department of Conservation
- Permit for Transport of Oversized Loads (if required)

#### Local

- Approval of Kern County Building Permits
- Approval of Kern County Encroachment Permits (if required)
- San Joaquin Valley Air Pollution Control District
  - Approval of Fugitive Dust Control Plan
  - Authority to Construct