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Plan revision date: 10/3/2024

ENVIRONMENTAL JUSTICE ASSESSMENT & COMMUNITY ENGAGEMENT PLAN

South Texas Sequestration Project (Kleberg Hub)

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1.1 Facility Information

Facility Name: South Texas Sequestration Project (Kleberg Hub)¹
Well Names: Becerra_CCS_01_01, Becerra_CCS_01_02,
Becerra_CCS_02_01, Becerra_CCS_02_02, Garcias_CCS_01_01, and
Garcias_CCS_01_02

Facility Contact: [REDACTED], Project Manager
5 Greenway Plaza, Suite 110, Houston, TX 77046
[REDACTED]

Well Locations: Kleberg County, Texas

WELL_NAME	LAT_NAD27	LONG_NAD27
BECERRA_CCS_01-01	[REDACTED]	
BECERRA_CCS_01-02		
BECERRA_CCS_02-01		
BECERRA_CCS_02-02		
GARCIAS_CCS_01-01		
GARCIAS_CCS_01-02		

2.1 Environmental Justice Assessment

This Environmental Justice Assessment and Community Engagement Plan (EJ Assessment) provides an overview of the Environmental Justice communities and considerations in or near the proposed South Texas Sequestration Project (Kleberg Hub). The proposed CO₂ Sequestration Project includes the permitting and installation of six UIC Class VI wells and supporting injection facilities. This Environmental Justice Assessment follows the Environmental Protection Agency's (EPA) guidance dated August 2023, *Environmental Justice Guidance for UIC Class VI Permitting and Primacy*, including the direction to utilize the Area of Review (AoR) for environmental justice assessment. The Kleberg Hub AoR was determined to be within Kleberg County, Texas (2020

¹ Kleberg Sequestration Hub, LLC, is developing the South Texas Sequestration Hub (Kleberg Hub). Kleberg Sequestration Hub, LLC, a subsidiary of 1PointFive Sequestration, LLC, which is a subsidiary of 1PointFive, LLC (collectively, "1PointFive"). 1PointFive is a wholly owned subsidiary of Oxy Low Carbon Ventures, LLC (OLCV), which is a wholly owned subsidiary of Occidental Petroleum Corporation (Oxy). OLCV and 1PointFive are dedicated to advancing leading-edge carbon management technologies and projects, including direct air capture, carbon capture, and geologic CO₂ storage. 1PointFive will have access to the resources of Oxy in executing the South Texas Sequestration Project.

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Decennial Population 31,040). More specifically, the Kleberg Hub AoR is completely within the King Ranch property boundary, which is located approximately 20 miles east of Kingsville, Texas. The land area of Kleberg County is 881.3 square miles, and it is the 169th largest county in Texas by area.

This EJ Assessment evaluated Census Tract 48273020101 (Census Tract), which completely encompasses the Kleberg Hub AoR (see Figure EJ-1). The Census Tract covers an area of 519.2 square miles with a population of 3,130 people, according to the 2020 Decennial Census. The Kleberg Hub and the associated AoR are in a rural area. Individuals living on the [REDACTED]
[REDACTED]
[REDACTED] miles from the proposed injection facilities.

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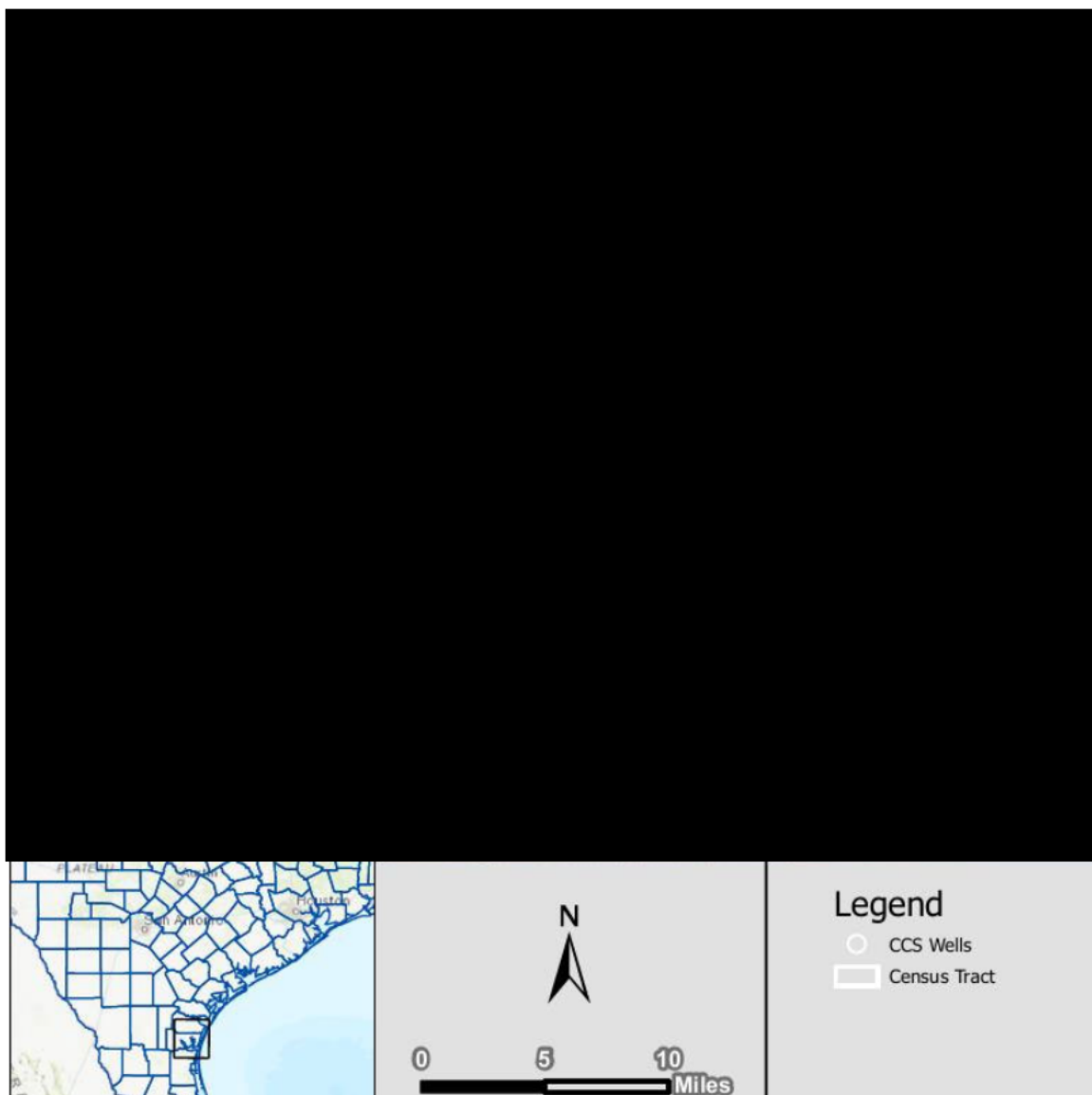


Figure EJ-1: Location of Kleberg Hub CO₂ injector wells and nearest community. The Kleberg Hub AOR to be modeled is contained the Census Tract 48273020101, outlined in white.

An analysis of communities in proximity to the Kleberg Hub was conducted using the following screening tools:

- Department of Energy's Energy Justice Dashboard tool (DOE EJ Dashboard).
- The Climate and Economic Justice Screening Tool (CEJST).

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- The Environmental Protection Agency’s Environmental Justice Screening and Mapping tool (EJScreen).
- The Department of Agriculture Food Access Research Atlas Map (FARA).

This EJ assessment was conducted as a desktop review and is not a final, definitive analysis. The potential impacts to surrounding communities will continue to be evaluated as 1PointFive pursues community engagement activities.

Because the Kleberg Hub AoR is entirely encompassed in Census Tract 48273020101, this EJ Assessment focuses on the communities located within that census tract. However, the Community Engagement Plan expands beyond the Census Tract to include potential impacts to surrounding communities. This EJ Assessment anticipates minimal direct impacts to surrounding communities.

The detailed results of the desktop EJ Assessment review can be found attached in Appendix A. This EJ Assessment identifies project benefits in Section 2.2 and project impacts and mitigation strategies in Section 2.3.

2.2.1 Results of the DOE EJ Dashboard

Although the DOE EJ Dashboard does not provide census-tract specific data, 1PointFive’s analysis determined the impacted area is not considered disadvantaged. The dashboard indicates the area of the proposed location has a high degree of “All Particulate Matter,” among the 80th percentile in the US, a high minority population (80th percentile), a high proportion of population considered low-income (80th percentile), and close proximity to water discharge sites (100th percentile).

2.2.2 Results of the CEJST

The CEJST tool, which uses census tract divisions from the 2010 census, is based on Census Tract 48273020100, which is the applicable census tract available in that tool. The Census Tract otherwise used for this EJ assessment (48273020101) is based on the tract divisions used during the 2020 census and located within Census Tract 48273020100 from 2010. This tool indicates that Census Tract 48273020100 is disadvantaged in the areas of climate change and legacy pollution, due to a high expected population loss rate, high projected flood risk, proximity to a formerly used defense site, and a high poverty level; therefore, the Census Tract may be considered disadvantaged. The Census Tract also has relatively high indicators for diabetes and particulate matter (PM2.5), though not high enough to be deemed disadvantaged using these parameters.

2.2.3 Results of EJScreen

EJScreen showed elevated levels of particulate matter in the Census Tract containing the AoR. It also showed high rates of less than high school education (85th percentile), limited English-speaking households, and a high supplemental demographic index (89th percentile). In addition, the tract has a high rate of drinking water noncompliance (98th percentile).

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2.2.4 Results of the DOA FARA

The Food Access Resource Atlas Map found the Census Tract has a low number of households more than one-half mile from a supermarket, indicating higher access to food. This Census Tract is identified as “Low Access at 1 and 10 miles”, meaning at least 500 people or 33% of the population live farther than 1 mile (urban) or 10 miles (rural) from the nearest supermarket.

2.2 Assessment of Project Benefits

As the applicant for the Kleberg Hub, 1PointFive is dedicated to advancing leading-edge carbon management technologies and projects, including Direct Air Capture (DAC) through its parent company OLCV, point-source carbon capture, and geological storage of CO₂. Pursuing the permitting and the installation of the Kleberg Hub allows 1PointFive to be part of the solution to reduce climate-related impacts on EJ communities. Employing DAC technologies along with the Kleberg Hub will provide significant benefits to local communities such as job creation, workforce development programs, local tax revenue, and investments in local communities.

Additionally, carbon management projects will allow local businesses and organizations to diversify their portfolios. Carbon management projects can benefit local communities by providing well-paying and stable jobs. Local businesses and organizations will be able to participate in the clean energy transition as well.

Except as specifically identified in this EJ Assessment, community benefits and engagements may be shared across 1PointFive's DAC and Kleberg Hub projects. The Kleberg Hub and DAC projects are functionally interrelated and share community engagement resources.

Table EJ-1 shows the local benefits related to the Kleberg Hub.

Table EJ-1: Local benefits related to the Kleberg Hub.

Benefit	Who Benefits?	Timeframe	Metrics for Tracking
Job creation/Increased clean energy enterprise creation and contracting	Unemployed or underemployed people; existing local workforce; local businesses due to	Intermittently during construction (<1 year)/ duration of the Kleberg Hub operation	Number of people hired and percentage from local community

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Benefit	Who Benefits?	Timeframe	Metrics for Tracking
	increased consumer spending		
Identification of existing wellbores that may require remedial action	Residents within and adjacent to the Kleberg Hub AoR	Prior to construction and during operation of the Kleberg Hub	Number of wells identified and remediated, if needed.
Local tax revenue	Kleberg County residents (property taxes), Texas residents (sales/franchise tax), Riviera ISD	Duration of Kleberg Hub injection period	Tax dollars to state and county.
Opportunities for local businesses and organizations	Local business owners and Chambers of Commerce	Duration of the Kleberg Hub operation	Contracts to local businesses and charitable donations.
Cleanup of residual and ongoing pollution of Baffin Bay (partnership with Coastal Bend Bays and Estuaries Program [CBBEP])	Recreational fishers, Baffin Bay wildlife, residents	Duration of the Kleberg Hub operation	Resources spent on partnerships with regional entities to improve local water quality and ecosystem.
Grassland restoration and enhancement; range management; reduction of wildfire risk	Residents within the Census Tract	Duration of the Kleberg Hub operation	Square feet/miles of mesquite trees and other invasive species cleared and restored with native grasses.
Increased high-speed internet infrastructure	Residents within the Census Tract	Duration of the Kleberg Hub operation	Number of households that can access new internet infrastructure.

2.3 Assessment of Project Impacts

The area surrounding the Kleberg Hub is sparsely populated; therefore, drilling and well construction are anticipated to have minimal potential negative impacts for residents. The impacts will be minimized and mitigated through 1PointFive's robust suite of best management practices. After construction is completed, operational impacts are also expected to be minimal for residents.

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The Kleberg Hub facilities will have sophisticated real time monitoring systems to allow operators to rapidly detect and respond to any changes in well conditions before they could create a risk to human health or the environment.

1PointFive will further quantify and implement mitigation measures to minimize potential disproportionate negative impacts from the project on the EJ communities. The Community Engagement Plan (Section 2.4, below) details 1PointFive’s standard practice, which is to collaborate with communities to avoid, minimize, and mitigate the impacts to the surrounding environment and bring benefits to the community. The unique characteristics of the communities are taken into account in community engagement, educational, and workforce development initiatives associated with the project to limit any potential negative impacts and contribute positive benefits to the community. Table EJ-2 highlights the anticipated project impacts to the community.

Table EJ-2: Anticipated potential negative project impacts.

Impacts	Who is impacted	Mitigation measure	Timeframe	Interaction with cumulative burdens
Increased air emissions, noise, and traffic from trucks.	Residents within the Census Tract from roads used to transport materials to site.	Conduct noise readings to confirm operations are within or below local noise ordinances and adjust operations to stay within compliance. Collaborate with local government to mitigate traffic impact.	Intermittently during construction [REDACTED].	Vehicle exhaust may contribute to the PM2.5 measured in the Census Tract containing the site. Vehicle traffic may contribute to the concentration of diesel exhaust measured in the Census Tract, plus traffic proximity and volume.

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Impacts	Who is impacted	Mitigation measure	Timeframe	Interaction with cumulative burdens
Land use - potential runoff, sedimentation, and erosion due to site clearing and earthworks.	Local residents in the Census Tract.	The physical footprint of the anticipated injection facilities is small, and emissions are anticipated to be small. 1PointFive will rehabilitate well pad sites and access roads during site closure.	Emissions will be small and primarily during the construction phase.	May contribute to an increased flood risk; may contribute to a loss of habitat and underdeveloped spaces that can mitigate pollution impacts.
Mud/Dust	Stakeholders along the haul route.	Work to mitigate dust by applying dust suppression to the roads as needed. Various techniques include installing tracking pads and sediment traps, hydro mulching and/or hydroseeding topsoil piles, seeding disturbed soils, and placing and compacting a gravel layer on the working pad, surfaces, and access roads.	Intermittently during construction (~2 years).	Minimal
Light	Stakeholders near the facility	Use light-emitting diode (LED) lights strategically oriented away from homes, making operations less visible to adjacent stakeholders. Additionally, lights used will be angled inward and downward to limit impact.	Intermittently during construction (~2 years)	Minimal

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Impacts	Who is impacted	Mitigation measure	Timeframe	Interaction with cumulative burdens
Noise	Stakeholders near the facility	Noise monitors have been placed to measure sound impact.	Intermittently during construction (~2 years)	Minimal

2.4 Community Engagement Plan: Kleberg Hub

This document provides an overview of the project’s identified stakeholders, outreach to date, community outreach plan, and potential benefits for the community. The Kleberg Hub is situated on a remote site in the Laureles Division of the 825,000-acre King Ranch, in rural northeast Kleberg County. Construction and operations of the Kleberg Hub will impact the host and surrounding communities in the Coastal Bend Region. Those who live and work on King Ranch (approximately 66 individuals), and individuals who live adjacent to the King Ranch and along the haul route (hereafter Zone 1) will be the most directly impacted. The next most directly impacted will be Kleberg and Nueces Counties (approximately 384,218 individuals) (Zone 2). The regional reach of the development will impact the eleven Coastal Bend Counties (approximately 1.5 million individuals) (Zone 3).

2.4.1 Completed Outreach and Feedback

1PointFive takes an integrated approach to public engagement that includes a Stakeholder Relations Team (SRT) for those who live near the project, engagement with local officials and organizations, and direct community investment through local partnerships, volunteer efforts, and charitable giving. The SRT is a dedicated resource for the communities near 1PointFive’s proposed projects, developments and ongoing operations. In their commitment to being a good neighbor, the SRT provides frequent and transparent information, answers questions, and seeks community feedback. This information helps 1PointFive to identify and mitigate negative impacts and improve benefits to impacted communities via active listening and two-way dialogue.

In the initial meetings, the team listened to concerns and ideas and solicited feedback to better understand the issues important to the community. Interactions with community members also helped identify the community’s priorities, which are focused on creating well-paying jobs, protecting wildlife, and supporting environmental conservation.

1PointFive has initiated a comprehensive community and workforce engagement plan, led by its Community Engagement Team (CET), to understand community priorities and potential barriers

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for full participation in the workforce for the Kleberg Hub. The goal is to create opportunities for inclusive development that addresses community needs and strengthens local economies.

Since November 2022, members of the CET have conducted more than 35 in-person meetings with key stakeholders within 50 miles of the Kleberg Hub's location, including community-based organizations, labor organizations, environmental advocacy organizations, and academic institutions. Additionally, meetings have been held with leaders of organizations that represent disadvantaged and underrepresented communities, including leaders from St. Paul AME Church, Douglass Youth Center, Kingsville Boys and Girl's Club, and Communities in Schools. Initial engagement has resulted in support from the nearly 150 community members and leaders that the project team has met with to date. Letters of support are available upon request and a description of involvement from community stakeholders is provided with this application.

The CET began initial engagement with [REDACTED], to explain the project, solicit feedback on concerns, and better understand how to best engage with the community. Given their proximity to the project, residents of [REDACTED] will be the most impacted by the Kleberg Hub. 1PointFive has held discussions with local environmental advocacy groups to better understand environmental issues and concerns that may be relevant to the project. Outreach sessions have also been held with representatives from the Coastal Bend Bays and Estuaries Program (CBBEP), the Baffin Bay Stakeholder Group, the Coastal Bend Air Quality Partnership (CBAQP), and the Caesar Kleberg Wildlife Research Institute out of Texas A&M University-Kingsville (TAMUK).

Beginning in February 2023, the SRT started communicating with stakeholders about the proposed project and continued identifying the community's interests, challenges, opportunities, and values concerning the proposed project from these meetings. So far, the SRT has met with more than 350 stakeholders. 1PointFive also has a website with information on DAC, carbon sequestration, project information, and community at SouthTexas1PointFive.com for stakeholders to utilize. There have been multiple requests from stakeholders for direct feedback opportunities, with the most successful conversations occurring during community meetings and Kleberg County events. Table EJ-13 below is a summary of each engagement type and approximate timing.

Table EJ-3: Summary of Stakeholder Engagements

Engagement Type	Method	Timing	Stakeholders Contacted
Small Group Meetings	In-Person	January 2023	25
Kleberg -Kenedy Jr. Livestock Show	In-Person	February 2023	50

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Community Meeting	In-Person	February 2023	40
Kingsville State of the City	In-Person	May 2023	25
Kingsville ISD State of the District	In-Person	June 2023	25
Flavors of South Texas	In-Person	September 2023	25
Kleberg County Signing	In-Person	September 2023	10
Kleberg State of the County	In-Person	September 2023	15
Texas A&M Kingsville DOE Presentation	In-Person	September 2023	70
Ranch Hand Weekend	In-Person	November 2023	~200
South Texas Website*	Website	March 2024	1,969
Door-to-Door Introductions	In-Person	March 2024	16
Mailing and Project Introduction	Mail/Local Bulletin Board/Newspaper	March 2024	75
Riviera ISD State of the District	In-Person	May 2024	25
Kingsville ISD State of the District	In-Person	May 2024	25
Kingsville State of the City	In-Person	May 2024	30
Riviera ISD School Board Introduction	In-Person	July 2024	10

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Downtown Kingsville 5K & 1K	In-Person	August 2024	100
Community Meeting Invite – The Colony	Mail	September 2024	20
Community Meeting Invite – OCED Community Briefing	Mail	September 2024	473
Community Meeting – The Colony	In-person	October 2024	40
Community Meeting – OCED Community Briefing	In-person	October 2024	43

*The South Texas website has seen 1,969 site visitors from 22 different states as of October 2024.

The CET has met several times with local and county level officials, chambers of commerce, and educators. Representatives of these organizations have expressed interest in participating in the project through partnership or involvement with the Community Advisory Board (CAB) to be established. By establishing the CAB, 1PointFive plans to foster continuous, ongoing dialogue with the community regarding issues of mutual concern.

This early engagement has resulted in partnerships with several organizations to address community priorities, such as local training and environmental conservation. For example, 1PointFive is working directly with local colleges and universities to expand existing technical programs for the inclusion of DAC-specific curriculum.

1PointFive has used multiple processes to identify stakeholders relevant to the Kleberg Hub. The CET began with the King Ranch family, which has been a part of the community since 1853 and is knowledgeable of the region's history, social cohesion, and the challenges it faces. From there, outreach expanded to local elected officials. Other key stakeholders were also identified by community leaders during outreach meetings. These include schools, churches, and organizations focused on conservation, environmental protection, and workforce development. In addition, 1PointFive has conducted stakeholder identification, analysis and mapping using an internal database and Geographic Information System (GIS) system, from which nearly 150 households were identified. From this analysis, the team identified and prioritized key stakeholders within the areas most impacted by the Kleberg Hub, Zones 1 and 2.

- **Community Stakeholders** include King Ranch onsite employees, nearby residents, Douglass Youth Center in Kingsville, St. Paul AME Church, Coastal Bend

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Communities in School Program, Corpus Christi Local Emergency Planning Committee, Kingsville Chamber of Commerce, and United Corpus Christi Chamber of Commerce.

- ***Environmental Advocacy and Conservation Stakeholders*** include the Baffin Bay Stakeholder Group, the CBAQP and the CBBEP. These stakeholders have been engaged to build connections and engage in dialogue with communities around conservation and to support citizen science and community outreach programs. Engagement also includes funding for environmental research.
- ***Workforce Development Stakeholders*** include Workforce Solutions Coastal Bend, Del Mar College, TAMUK and Prairie View A&M University (PVAMU). Engagement includes partnerships and funding to develop DAC-related curriculum and related skills training and scholarships and establishing continuing education programs.
- ***Government and Elected Officials Stakeholders*** include Kleberg and Nueces County Commissioners, Kleberg County Sheriff, and city mayors of Kingsville, Driscoll, Petrolina, and Corpus Christi. Engagement includes participating in local governance meetings and community activities to engage in dialogue with decision makers around feedback received from communities and how this feedback is incorporated into the project.

All stakeholders and community members listed above are active public participants. Additionally, all stakeholders and community members are encouraged to participate in the application process for the CAB. Several key stakeholders have already expressed interest in being part of the CAB and a notice has been posted to the stakeholder website with additional information.

From initial stakeholder engagement, the CET learned that a key community concern is truck traffic near [REDACTED]. This will be mitigated by notifying [REDACTED] ahead of planned rig movements and requiring that all drivers follow best management practices to avoid and minimize impacts. 1PointFive has obtained property for an access gate so construction and other activities can be isolated from [REDACTED].

1PointFive will continue to identify and engage stakeholders, including disadvantaged communities and other underrepresented groups, as the Kleberg Hub Project advances.

When considering locating the project, 1PointFive took a consent-based siting approach with the King Ranch by appropriately integrating the project with existing landscapes and operations. This approach resulted in adjusting the project site location.

Based on initial engagement, 1PointFive has started to address community concerns raised in early discussions. For example, during initial engagements, the CET heard concerns about potential impacts to groundwater associated with CO₂ injection. In response, 1PointFive has proposed partnerships with the University of Texas Gulf Coast Carbon Center (UTGCCC), TAMUK, and the Livermore Lab Foundation (LLF) to lead engagement and education around CO₂ storage. Community engagement efforts will focus on communities with traditionally limited access to science education. UTGCCC will present hands-on demonstrations and community activities to

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give stakeholders a sense of ownership in the Kleberg Hub as well as an understanding of the science of geologic storage. 1PointFive will also test groundwater both pre- and post-injection. The monitoring data will be available to the public in accordance with 1PointFive's Data Management Plan. In addition, the Project will include substantial technical and operational safeguards to protect underground sources of drinking water (USDW) and human health and the environment.

Through initial engagement, 1PointFive also learned that water use, conservation, and safety are key challenges facing the Coastal Bend region. 1PointFive is pursuing a partnership with the CBBEP, a local nonprofit dedicated to protecting the bays, estuaries, and local watersheds to address preexisting concerns about the health of waters in the region. This partnership involves creating a conservation fund to address water quality issues in Baffin Bay and other local watersheds.

Other engagement efforts by 1PointFive based on dialogue with communities include:

- Executing agreements with Kleberg County and Riviera ISD to promote a flow of benefits back to the impacted communities by incentivizing 1PointFive to create local jobs through construction and operations (completed October 2024).
- Evaluating a potential transportation program for local communities.
- Promoting apprenticeship programs focused on disadvantaged communities to develop a future pool of skilled local workers.
- Continuing engagement with workforce organizations and academic institutions at all levels.
- Developing a partnership with PVAMU to increase the number of graduates with STEM degrees.
- Proposing funding for graduate assistants at TAMUK to monitor potential impacts from the Kleberg Hub, developing a conservation and restoration strategy for the Coastal Bend region, integrating DAC technology into engineering curriculum, and facilitating outreach and educational programs.
- Accelerating the improvement of internet infrastructure to benefit residents of [REDACTED], who currently do not have access to reliable, high-speed internet.
- Working its proposed partners, such as UTGCCC and Lawrence Livermore National Lab (LLNL), to provide independent monitoring and reporting to verify that engagement efforts are achieving the objectives and desired outcomes.

2.4.2 Stakeholder Assessment

While many stakeholders will be identified in outreach efforts, initial stakeholders near Kleberg and Nueces Counties, Texas, include:

- Local residents

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- Residents on the King Ranch
 - Residents in the immediate area
 - Homeowners Associations
 - Local residents interested in the project
 - Disproportionately impacted residents and communities
- Sheriff(s)/First Responders/Emergency Services
 - Kleberg County Sheriff Richard Kirkpatrick
 - Nueces County Sheriff J. C. Hooper
 - Local Emergency Planning Committee, Corpus Christi
 - Nueces County Emergency Services
 - Corpus Christi Fire Department
 - Kleberg County Fire Rescue
 - Kingsville Fire Station
 - Kingsville Volunteer Fire Department
 - Bishop Fire Department
 - Robstown Fire Department
 - Petronila Fire Department
 - Corpus Christi Police Department
 - Kingsville Police Department
 - Driscoll Police Department
 - Robstown City Police
 - Bishop Police Department
 - Corpus Christi Emergency Management
- Community-Based Organizations
 - Dream Come True Foundation South Texas
 - Brush Country CASA
 - Colibri Grants, Inc.
 - Administration for Strategic Preparedness & Response
 - Lone Star Youth Horse Association
 - PowerUp
 - Hammons Employment Leadership Programs (HELP)
 - Boys & Girls Club Kingsville
 - Boys & Girls Club of the Coastal Bend
 - American Red Cross
 - Coastal Bend Community Foundation
 - Habitat for Humanity Corpus Christi
 - Foster Angels of South Texas Foundation
 - The Ark Assessment Center
 - Youth Odyssey, Inc.
 - Dismas Charities, Inc.
 - Coastal Bend Center for Independent Living

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- Rotary Club Kingsville
- Coastal Bend Food Bank
- Weavers of Love
- Endeavors
- Choice Living Community
- Special Hearts in the Arts
- YWCA Corpus Christi
- Nature Conservancy
- Nueces County Community Action Agency
- Coastal Bend Bays & Estuaries Program
- Advanced Housing Alternative Corporation
- Corpus Christi Symphony
- Cenikor Corpus Christi
- Corpus Christi Literacy Council
- People Assisting Animal Control
- The Rise School of Corpus Christi
- Mother Teresa Shelter
- Junior Achievement of the Coastal Bend
- Relay for Life - American Cancer Society
- The Deaf & Hard Hearing Center
- Wesley Community Center
- Douglass Youth Center Kingsville
- St. Paul AME Church
- Coastal Bend Communities in School Program
- School Districts and Leadership
 - Kingsville Independent School District
 - Corpus Christi Independent School District
 - Bishop Consolidated Independent School District
 - Driscoll Independent School District
 - Robstown Independent School District
 - Riveria Independent School District
- Kleberg County
 - Commissioner David Rosse
 - Commissioner Chuck Schultz
 - Commissioner Jerry Martinez
 - Commissioner Marcus Salinas
 - County Judge Rudy Madrid
- Nueces County
 - Judge Connie Scott
 - Commissioner Robert Hernandez
 - Commissioner Brent Chesney
 - Commissioner Joe A. Gonzalez

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- Commissioner John Marez
- City of Kingsville
 - Mayor Sam Fugate
 - City Manager Mark McLaughlin
 - Mayor Pro-Tem Hector Hinojosa
 - Commissioner Norma Nelda Alvarez
 - Commissioner Leo Alarcon
 - Commissioner Hector Mario Hinojosa, Sr.
- City of Corpus Christi
 - Mayor Paulette M. Guajardo
 - City Manager Peter Zononi
 - Council Member Michael T. Hunter
 - Council Member Jim Klein
 - Council Member Mike Pusley
 - Council Member Everett Roy
- City of Bishop
 - Mayor Noel Barrera Lopez
 - Mayor Pro-Tem Bill Boswell
 - Council Member Tony Mechell
 - Council Member Burt Zimmerman
 - Council Member Antonio Garcia
 - Council Member Cynthia Contreras
 - City Secretary Salvador “Sal” Ochoa, Jr.
- City of Driscoll
 - Mayor Mark Gonzalez
 - Commissioner Ariana Maldonado
 - Commissioner Elissa Rivera
 - Interim City Administrator Paula Wakefield
- City of Robstown
 - Mayor David Martinez
 - Mayor Pro-Tem Cordelia Bosquez
 - Council Member Nelda Sanchez
 - Council Member Mary Ann Saenz
 - Council Member Lorraine Morales
 - Council Member Adolfo Lopez
 - Council Member Angel Gallegos
- City of Petronila
 - Mayor Todd Wright
 - Commissioner Amy Ordner Wright
 - Commissioner Jennifer Kindred
 - Commissioner Laura Kristian Wright
 - Commissioner Melvin Burch

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- City Secretary Sydonia Wright
- State-level elected officials
 - Texas State Rep. Gary VanDeaver
 - Texas State Rep. Jill Dutton
 - Texas State Rep. Cecil Bell Jr.
 - Texas State Rep. Keith Bell
 - Texas State Rep. Cole Hefner
 - Texas State Senator Bryan Hughes
 - Texas State Senator Robert Nichols
 - Texas State Senator Brandon Creighton
- Colleges/Universities, Trades Schools, and Workforce Programs
 - Prairie View Texas A&M University
 - Coastal Bend College
 - Del Mar College Oso Creek Campus
 - Workforce Solutions of the Coastal Bend
 - Kleberg County Adult Literacy Council
 - University of Texas Gulf Coast Carbon Center (UTGCCC)
 - Lawrence Livermore National Lab (LLNL)
- Business Organizations
 - Kingsville Chamber of Commerce
 - Padre Island Business Association
 - Women's Entrepreneur Society of Corpus Christi
 - Northwest Business Association
 - Bishop Chamber of Commerce
 - Westside Business Association
 - Corpus Christi Hispanic Chamber of Commerce
 - United Corpus Christi Chamber of Commerce
 - Corpus Christi Black Chamber of Commerce
 - Driscoll Chamber of Commerce
 - Robstown Chamber of Commerce
- Employment Clusters or Major Industries/Employers
 - Integrity Industries
 - Oxea Bishop
 - Ticona
 - Watermill Express
 - Waukesha-Pearce Industries
 - BASF
 - Turner Industries
 - Purvis Industries
 - Industrial Fabricators

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- Big Horn Supply
- SLB Meyer Service Company
- GE Oil & Gas
- Bronco Oilfield Services
- Genesis Crude Oil
- Cameron,
- Baker Hughes
- Headington Oil Co.
- Pro-Gas, LLC
- Dewbre Petroleum Corporation
- Tex-Isle Processing
- Media Stakeholders
 - KRIS-TV
 - KIII-TV
 - Corpus Christi *Caller-Times*
 - Kingsville *Record*
 - Area 3 News
 - ValleyCentral TV
 - MySoutex
- Businesses/Entertainment/Attractions
 - Annual West Texas Red White & Blue Festival
 - Cruisin' on Main Street Car Show
 - Downtown at Sundown
 - The Differently Abled Carnival Fun Fair
 - Barefoot Mardi Gras
 - The Birdiest Festival in America
 - BUC Days Parade & Carnival
 - Rodeo Corpus Christi
 - Beach to Bay Relay
 - Texas Jazz Festival
 - King Ranch
 - 1904 Train Depot
 - John E. Conner Museum
 - NAS Kingsville
 - ROSVAF's Annual Veteran's Resource/Career Fair
 - Mystical Market
 - Surftoberfest
 - Corpus Christi Dia De Los Muertos Festival
 - Corpus Christi Wine Festival
 - Corpus Christi Tamales Fest
 - Merry Days by the Bay

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2.4.3 Community Outreach Plan

1PointFive's engagement methods are designed to increase its learning around community interests and concerns, seek input from community members, and respond to concerns as they arise. This includes efforts to respond to emerging public safety concerns regarding CO₂ storage and extending outreach methods to include traditionally excluded stakeholders in developing the project.

1PointFive is working with the Livermore Lab Foundation (LLF), which has proposed developing a series of qualitative and quantitative community engagement surveys. Results from the surveys could help set the context for community benefit discussions and agreements and provide the project with peer-reviewed data and analysis that can serve as a benchmark for future engagement(s).

Engagement methods also include face-to-face and video meetings in the local communities. Other planned engagement methods may also include:

- Presentations to stakeholder groups.
- Hosting focus groups and listening sessions to gain greater insight into the experiences and perspectives of different stakeholders.
- Participating in community activities and meetings.
- Establishing and publicizing project information, offering a toll-free contact number and email address, media releases, and a project-specific website.

All communication tools, meetings, and materials are written and conducted in multiple languages, including Spanish. 1PointFive hopes to increase and broaden the participation of stakeholders in the Kleberg Hub with these methods.

In addition, a CAB is being established to foster dialogue with the community regarding issues of mutual concern. The CAB will consist of diverse community members representing the Coastal Bend Region (Zone 3) and will be selected through an online application process. The process for constituting the CAB will be transparent. The CET will seek input from all stakeholders to ensure the board is representative of the community. The CAB will provide insight, guidance, and advice on outreach initiatives, project development, workforce programs, and other matters of interest to the committee.

Over the next 15 months, 1PointFive plans the following community engagement activities:

- K-12 outreach in schools within Zone 2 & 3 focused on disadvantaged communities with UTGCCC.

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- Listening sessions with community members in Zones 1 and 2.
- Critical Stakeholder Outreach — one-on-one and small group meetings with community members, community-based organizations, and key stakeholders in Zones 1, 2, 3.
- Establishment of Community Advisory Board.
- Meetings to solidify the Community Benefit Agreement Outreach and Engagement with Community College and University Partners regarding work-force development and program implementation.
- Outreach and engagement with subrecipients regarding program execution.
- Analysis of community feedback and input to adjust engagement strategies moving forward.
- Development of mitigation measures in conjunction with community organizations and adjustment of operational plans to mitigate or minimize potential negative impacts.
- Establishment of community-based science and monitoring programs in partnership with UTGCCC.
- Implementation of community-based science and monitoring programs in partnership with UTGCCC.

Following these activities, the CET will continue to meet with the CAB quarterly and tailor meetings to stakeholders' capacity and interest to continue.

Important considerations to this outreach include:

- Ensuring listening sessions are offered in person at a location convenient for stakeholder groups, with translation available.
- Ensuring listening sessions are offered virtually to accommodate nontraditional working hours and other limitations, with translation.
- Sharing information about listening sessions and opportunities for engagement through numerous communication channels to reach a broader audience and promote accessibility.
- Ensuring information is provided at an accessible reading level.
- Maintaining outreach throughout planning, construction, and early operational phases.
- Providing multiple accessible communication channels.
- Recruiting members to the CAB that represent the affected community.

1PointFive's CET will incorporate feedback to ensure that stakeholder perspectives are considered, including post-event surveys. These surveys will be distributed immediately following events and will be designed to answer specific questions about the project.

For stakeholders within Zone 1, 1PointFive will use focused communication tools designed to seek additional feedback as the project progresses. Multilingual communication tools include mailed notices, toll free telephone number, email address, and a website to share information on the project development and operations. Throughout the construction phase, door canvassing, and one-on-one

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meetings will be used. Additionally, the CET will seek feedback from the CAB, who will also provide insights and recommendations for improvement.

To track feedback over time, the team will compile and analyze data from the surveys and meetings and use this information to identify trends and community concerns. Additionally, the team will track progress by comparing feedback from one event to another to track changes and adjustments that have been made. 1PointFive will work with its proposed partners, such as Lawrence Livermore Foundation (LLF), to provide independent monitoring of community benefits and report the findings.

To answer questions, the team will be available during daytime and evening hours via the 1PointFive Response Line and email. Interpretation services will be available, as needed, for all community events.

The SRT will consider all reasonable mitigation measures proposed to avoid, minimize, and mitigate potential adverse impacts for community members.

Guided by prior and ongoing stakeholder interaction, the proposed engagement timeline for the Kleberg Hub project is listed in Table EJ-4. This timeline is subject to change as it depends on the desires and input from the community, the project phase, external impacts, and more.

Table EJ- 4: Anticipated Project Engagement Timeline

Engagement Type	Method	Estimated timing
Ranch Hand Weekend	In-person	
End of Year Update	Mail, Website	
Community Meeting Invite – [REDACTED]	Mail	
Community Meeting – [REDACTED]	In-person	
Dedicated Response Line Event - Invite	Mail	
Dedicated Response Line Event	Phone, Email, Zoom	
Community Meeting Invite	Mail	
Community Meeting Invite – [REDACTED]	Mail	
Community Meeting	In-person	
Community Meeting – [REDACTED]	In-person	

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SRT Support Throughout Permitting:

The SRT will interact with the local communities, residents, resident groups, and churches through door-to-door visits, mailings, emails, websites, and one-on-one and community meetings. They will proactively provide stakeholders with the following information:

- A description and map of the physical siting of the proposed location.
- A description, proposed timeline, and expected duration of different operations, including facility construction, drilling, production, and reclamation.
- The types of equipment, and other on- and off-location infrastructure related to planned operations.
- A description of each stage of operations and 1PointFive's best management practices to avoid, minimize, and mitigate potential impacts, including noise, light, odor, dust, traffic, and visual.
- Contact information for the 1PointFive SRT.
- An offer to meet with individuals and groups with additional questions about the project.

Before and after the commencement of construction and operations, the SRT will:

- Continue to engage with stakeholders to provide development updates and to answer questions or discuss concerns.
- Frequently send courtesy notices to interested stakeholders to ensure they have the most up-to-date information about operations.
- Continue to update the SouthTexas1PointFive.com website with project information.
- Manage the 1PointFive Stakeholder Response Line to hear and mitigate localized challenges as they arise. This can include responding to grievances such as mud, light, noise, and more, for which the SRT will be responsible for coordinating with internal teams to rectify.
- Continue to be available to assist the community throughout the project's lifecycle, at 866.248.9051 or Stakeholder@1PointFive.com Monday through Friday.

2.4.4 Community Benefits

During the course of the Project, 1PointFive's DAC facility and the Kleberg Hub are expected to create approximately 1,800 jobs in construction, operations, and maintenance. An agreement between Kleberg County and Riviera ISD has been executed that incentivizes 1PointFive to hire locally for the workforce needed for construction and operations of the DAC Facility, providing a mechanism for benefits to stay within local communities.

Examples of Completed Community Engagements with communities near the project include:

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- **Barbara Bush Houston Literacy Foundation**
 - 1PointFive partnered with the Barbara Bush Houston Literacy Foundation to sponsor the Nueces County Libraries' 2023 Summer Reading Program and the 2023-2024 Nueces StoryWalk®, unveiled at a ribbon cutting hosted by the Nueces County Library at Ortiz Park in Robstown.
 - With the Kleberg Public Library, 1PointFive sponsored technology programs for after-school tutoring as well as a partnership with the Family Place Library™ program implementation.
 - With Corpus Christi Library System, 1PointFive sponsored the implementation of the Family Place Library™ program.
- **Boys & Girls Club of Kingsville:** 1PointFive donated towards creating and providing a new STEM education computer lab and curriculum.
- **Kleberg County State of the County:** As a cosponsor of the 2023 State of the County meeting, hosted by the Kingsville Chamber of Commerce and Kleberg County Judge, 1PointFive established a commitment in support of Kleberg County, its businesses and residents.
- **Gulf of Mexico Alliance:** The Gulf of Mexico Alliance Gulf Star program provides funding for projects that support healthy beaches, clean waters, productive ecosystems, and thriving coastal communities. All projects in the Gulf Star Program accomplish actions identified by the Alliance's Priority Issue Teams and Cross-Team Initiatives in the Governors' Action Plan for Healthy and Resilient Coasts. 1PointFive's funding will allow funding focusing on green design to increase the ability of the Gulf Coast communities to improve their resilience and reduce water pollution by adopting innovative practices.
- **Texas A&M University Kingsville:** As 1PointFive recognizes the importance of education of its projects, it also recognizes the value of enabling students of the communities that it serves. 1PointFive attended the Fall 2023 Career Fair and spoke to students about the DAC project as well as career opportunities that may be offered.
 - **Baffin Bay Stakeholder Group:** 1PointFive was in attendance and presented the Kleberg Hub project at the Annual Baffin Bay Stakeholder Group meeting. The Stakeholder Group is currently led and facilitated by representatives from the Coastal Bend Bays & Estuaries Program (CBBEP) and the Harte Research Institute for Gulf of Mexico Studies (HRI), and includes researchers, commercial and recreational fishers, landowners, ranchers, business owners, representatives from state and local agencies, conservation organizations, and other interested stakeholders. The Stakeholder Group collaborated with state officials to create a science-based Watershed Protection Plan (WPP), which was reviewed and accepted by the U.S Environmental Protection Agency (EPA) in March 2023. The WPP outlines a strategy to implement management measures that will reduce nonpoint source pollution into the watershed and, ultimately, Baffin Bay. The Baffin Bay Stakeholder Group continues to be involved in implementing the WPP through restoration, outreach, and education efforts in the Bay and watershed.

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Examples of upcoming and potential community engagements:

- **Wish For Wheels:** 1PointFive will be partnering with Wish for Wheels and the King Ranch for a volunteer opportunity to provide 300 bikes to students of Kleberg ISD.
- **Ranch Hand Weekend:** In November 2023, 1PointFive sponsored the City of Kingsville's annual Ranch Hand Weekend, a yearly community event that celebrates the ranching community in Kleberg County. Additionally, during this event, 1PointFive volunteers were given the opportunity to serve the Kleberg community at the annual Ranch Hand Breakfast hosted by King Ranch.
- **Kingsville Chamber of Commerce:** As an Executive Level member of the Kingsville Chamber, 1PointFive serves on the Chamber Board of Directors. The board meetings take place once a month, and allow 1PointFive representation to share project updates, build relationships, and solicit feedback.

1PointFive has identified a wide range of organizations with which to explore partnerships for workforce development, education, and community benefits. The benefits of the Kleberg Hub are designed to align with community priorities. Community members have expressed the desire for jobs to stay in the local community. The job creation and workforce development benefits align with 1PointFive's intention to hire from local communities, wherever possible, and set up or bolster workforce development programs at local academic institutions. Additionally, the lack of high-speed internet access was brought up as an issue during town halls. 1PointFive will have robust internet and a 5G network at the Kleberg Hub, so the local internet infrastructure will be improved. Anticipated benefits include:

- Job creation for the local workforce, especially those who are unemployed or underemployed; job creation benefits local businesses as well due to increased consumer spending.
- Tax revenue for Kleberg County residents, Texas residents, and the Riviera ISD.
- Workforce development for underrepresented students in STEM at UTGCCC, PVAMU, TAMUK, Del Mar College, fossil fuel workers transitioning to clean energy industry, and participants in certification programs.
- Building community and local academic carbon management capacity.
- Increased clean energy enterprise creation and contracting.
- Alternative and public transportation infrastructure investment.
- Grassland restoration and enhanced range management; improvement of wildlife habitat.
- Increased high-speed internet infrastructure.

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Appendix A

A.1 Environmental Justice Screening: Kleberg Hub

Overview: The raw data below is accurate as of October 2024, when the analysis was completed. The screening tools were used to evaluate the Census Tract that contains the Kleberg Hub and the associated AoR.

The DOE EJ Dashboard shows elevated levels of particulate matter, among the top 100th percentile in the US, and a high minority population at the proposed site. The EPA EJScreen indicates the communities near the proposed project may be subject to similarly elevated levels of particulate matter as well as toxic wastewater discharge. The communities also have an above-average rate of non-high school attainment. The CEJST tool finds the community to be disadvantaged in the areas of climate change and legacy pollution, thanks to a high expected population loss rate, proximity to a formerly used defense site, and high poverty level. The Food Access Resources Atlas indicates the area has a relatively high number of households with access to a supermarket, and a low share of people living in group quarters.

A.1.1 DOE EJ Dashboard (BETA):

The DOE EJ Dashboard does not provide census-tract-specific data, but using available data 1PointFive derived the following for the Census Tract:

- Not identified as disadvantaged/Tribal Land
- Minority: highest percentile – 80th
- Low Income: highest percentile – 80th
- Energy Burden: highest percentile – 3%
- Air Toxin Cancer Risk: highest percentile – 20th
- Respiratory Hazards: highest percentile – 20th
- Ozone Level: highest percentile – 20th
- Diesel Particulate Matter: highest percentile – 20^h
- All Particulate Matter: highest percentile – 80th
- Pre-1960 Housing (Lead Paint): highest percentile – 40th
- Traffic Proximity and Volume: highest percentile – 40th
- Proximity to Risk Management Plan (RMP) Facilities: highest percentile – 40th
- Proximity to Treatment Storage and Disposal (TSDF) Facility: highest percentile – 20th
- Proximity to National Priorities List (NPL) Facility: highest percentile – 20th
- Major Direct Dischargers to Water: highest percentile – 100th
- COVID-19 deaths: highest percentile – 80th

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A.1.2. Climate and Economic Justice Screening Tool

(bolded = exceeding threshold)

- County Name: Kleberg County
- Census Tract ID: 48273020100; Census Tract 48273020101 is located within Census Tract 48273020100.
- Associated Thresholds
 - **Adjusted percent of individuals below 200% Federal Poverty Line (percentile): 75**
 - Percent individuals age 25 or older with less than high school degree (percentile): 82
- Climate Change
 - Expected agricultural loss rate (Natural Hazards Risk Index) (percentile): 70
 - Expected building loss rate (Natural Hazards Risk Index) (percentile): 86
 - **Expected population loss rate (Natural Hazards Risk Index) (percentile): 97**
 - Expected population loss rate (Natural Hazards Risk Index): 0.0022
 - **Share of properties at risk of flood in 30 years (percentile): 93**
 - Share of properties at risk of fire in 30 years (percentile): 83
- Clean Energy and Energy Efficiency
 - Energy burden (percentile): 54
 - PM2.5 in the air (percentile): 87
 - Diesel particulate matter exposure (percentile): 3
- Transportation
 - Traffic proximity and volume (percentile): 27
 - DOT Travel Barriers Score (percentile): 89
- Sustainable Housing
 - Housing burden (percent) (percentile): 13
 - Percent pre-1960s housing (lead paint indicator) (percentile): 31
 - Median value (\$) of owner-occupied housing units (percentile): 25
 - Share of the tract's land area that is covered by impervious surface or cropland as a percent (percentile): 23
 - Share of homes with no kitchen or indoor plumbing (percentile): 64
- Legacy Pollution
 - Proximity to hazardous waste sites (percentile): 16
 - Proximity to NPL (Superfund) sites (percentile): 15
 - Proximity to Risk Management Plan (RMP) facilities (percentile): 20
 - There is at least one abandoned mine in this Census Tract and the tract is low income: FALSE
 - **There is at least one Formerly Used Defense Site (FUDS) in the tract and the tract is low income: TRUE**
- Clean water and wastewater infrastructure
 - Wastewater discharge (percentile): 79
 - Leaky underground storage tanks (percentile): 7

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- Health Burdens
 - Current asthma among adults aged greater than or equal to 18 years (percentile): 16
 - Diagnosed diabetes among adults aged greater than or equal to 18 years (percentile): 87
 - Coronary heart disease among adults aged greater than or equal to 18 years (percentile): 66
 - Low life expectancy (percentile): 74
- Workforce Development
 - Low median household income as a percent of area median income (percentile): 45
 - Linguistic isolation (percent) (percentile): 79
 - Unemployment (percent) (percentile): 89
 - Percent of individuals below 200% Federal Poverty Line (percentile): 71
 - Percent of individuals < 100% Federal Poverty Line (percentile): 61

A.1.3 Analysis of EPA EJScreen

Tract: 48273020101, TX, EPA Region 6:

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SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	9.68	8.86	76	8.45	85
Ozone (ppb)	57.8	63	14	61.8	36
Nitrogen Dioxide (NO_2) (ppbv)	3	9.5	4	7.8	6
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.0402	0.151	5	0.191	5
Toxic Releases to Air (toxicity-weighted concentration)	340	12,000	52	4,600	40
Traffic Proximity (daily traffic count/distance to road)	65,000	1,000,000	11	1,700,000	14
Lead Paint (% Pre-1960 Housing)	0.13	0.16	63	0.3	39
Superfund Proximity (site count/km distance)	0	0.11	0	0.39	0
RMP Facility Proximity (facility count/km distance)	0.047	0.95	12	0.57	28
Hazardous Waste Proximity (facility count/km distance)	0.048	1.5	17	3.5	15
Underground Storage Tanks (count/ km^2)	0.044	2.3	16	3.6	30
Wastewater Discharge (toxicity-weighted concentration/m distance)	670	3800	89	700000	71
Drinking Water Non-Compliance (points)	30	2.3	98	2.2	98
SOCIOECONOMIC INDICATORS					
Demographic Index USA	2.05	N/A	N/A	1.34	79
Supplemental Demographic Index USA	2.5	N/A	N/A	1.64	89
Demographic Index State	2.04	1.72	63	N/A	N/A
Supplemental Demographic Index State	2.21	1.49	84	N/A	N/A
People of Color	64%	58%	54	40%	74
Low Income	44%	34%	68	30%	75
Unemployment Rate	5%	5%	60	6%	59
Limited English Speaking Households	8%	8%	69	5%	81
Less Than High School Education	22%	16%	71	11%	85
Under Age 5	8%	6%	71	5%	78
Over Age 64	24%	15%	83	18%	76

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	36
Air Pollution	2
Brownfields	2
Toxic Release Inventory	2

Other community features within defined area:

Schools	2
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for Tract: 48273020101

Report produced September 30, 2024 using EJScreen Version 2.3

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*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

A.1.4 Department of Agriculture Food Access Research Atlas

- This tract is identified as “Low Access at 1 and 10 miles,” meaning at least 500 people or 33% of the population lives farther than 1 mile (urban) or 10 miles (rural) from the nearest supermarket.
- This tract does not have a relatively high number of households (61 of 1892 total households, 3.2%) without vehicles that are more than one-half mile from a supermarket.
- This tract does not contain a relatively high share of people (183 of 5602 total people, 3.3%) living in group quarters.